

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
 Data File : VN061480.D  
 Acq On : 19 May 2020 13:47  
 Operator : JC/MD  
 Sample : VN0519MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

Manual Integrations  
 APPROVED

apatel  
 5/22/2020 11:28:55 AM

Quant Time: May 20 09:23:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 18 13:09:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 300724   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 542399   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 509426   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 236488   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 220142   | 49.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.10%  |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 155147   | 54.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.20% |      |
| 50) Toluene-d8            | 10.06  | 98  | 684614   | 51.95 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.90% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 253069   | 51.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.80% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 50694  | 20.273  | ug/l   | 96     |
| 3) Chloromethane              | 2.03 | 50  | 75255  | 18.452  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 106265 | 18.206  | ug/l   | 100    |
| 5) Bromomethane               | 2.54 | 94  | 61934  | 18.466  | ug/l   | 99     |
| 6) Chloroethane               | 2.67 | 64  | 70547  | 17.957  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 157899 | 22.282  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.37 | 74  | 38225  | 18.519  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 59208  | 20.092  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 71447  | 19.962  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 56461  | 109.179 | ug/l # | 83     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 59233  | 19.216  | ug/l   | 94     |
| 13) Acrolein                  | 3.57 | 56  | 27155  | 58.863  | ug/l   | 93     |
| 14) Allyl chloride            | 4.27 | 41  | 91635  | 18.267  | ug/l   | 94     |
| 15) Acrylonitrile             | 4.93 | 53  | 141208 | 92.165  | ug/l   | 99     |
| 16) Acetone                   | 3.77 | 43  | 120125 | 97.647  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 145178 | 20.032  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.28 | 43  | 55833  | 17.443  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 217008 | 18.551  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 68014  | 18.439  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 68446  | 19.256  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.90 | 45  | 204495 | 18.140  | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.84 | 43  | 816457 | 91.079  | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 122754 | 18.669  | ug/l   | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 186551 | 91.290  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 118781 | 18.950  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 81550  | 19.423  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.15 | 49  | 60288  | 21.601  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 120839 | 89.289  | ug/l   | 98     |
| 30) Chloroform                | 7.33 | 83  | 133825 | 19.487  | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 114227 | 17.822  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 119785 | 19.088  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 97620  | 19.248  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 81425  | 17.703  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 92087  | 19.719  | ug/l   | 96     |

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 Sample : VN0519MBS01  
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0519MBS01

Manual Integrations  
 APPROVED

apatel  
 5/22/2020 11:28:55 AM

Quant Time: May 20 09:23:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon May 18 13:09:55 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 118173   | 19.077  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 293244   | 19.186  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.12  | 41   | 36600    | 18.840  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 103922   | 18.872  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.12  | 43   | 143457   | 17.883  | ug/l # | 90       |
| 44) Trichloroethene            | 8.80  | 130  | 81034    | 20.234  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 72383    | 18.921  | ug/l   | 99       |
| 46) Dibromomethane             | 9.18  | 93   | 51320    | 19.136  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 106861   | 18.912  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 63693    | 17.187  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 20135    | 497.632 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 402973   | 92.213  | ug/l   | 99       |
| 52) Toluene                    | 10.12 | 92   | 192966   | 19.665  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 118255   | 19.094  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 124638   | 18.932  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 73345    | 19.771  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 110453   | 19.044  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 125904   | 19.638  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 237197   | 93.173  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 289526   | 91.574  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.87 | 129  | 79921    | 19.476  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 76057    | 19.499  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 78375    | 19.886  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 202499   | 19.493  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 73680    | 19.784  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 377515   | 19.908  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 287143   | 39.893  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 137541   | 19.746  | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 228514   | 19.811  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 50013    | 18.592  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.22 | 105  | 364323   | 19.190  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.04 | 43   | 121913   | 17.544  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 96714    | 18.516  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 91378m   | 18.008  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 81696    | 19.828  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.56 | 91   | 418973   | 19.369  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 245108   | 19.170  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 305133   | 19.629  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 32655    | 17.071  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 255596   | 19.306  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 260279   | 19.547  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 312018   | 20.056  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 346803   | 19.261  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 314060   | 19.643  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 150626   | 19.976  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 150217   | 19.892  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 274826   | 18.921  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 39430    | 18.197  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 144286   | 19.948  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 19343    | 18.333  | ug/l   | 97       |

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Data File : VN061480.D  
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Operator : JC/MD  
Sample : VN0519MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

Manual Integrations  
APPROVED

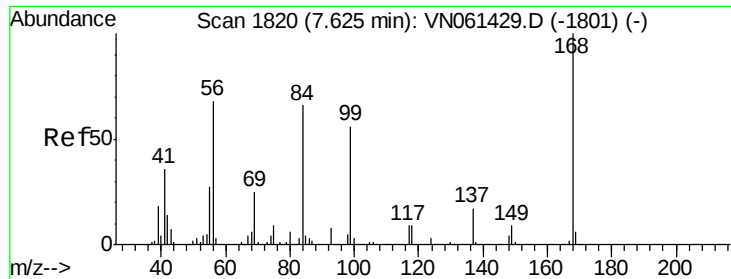
apatel  
5/22/2020 11:28:55 AM

Quant Time: May 20 09:23:03 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260  
QLast Update : Mon May 18 13:09:55 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 81012    | 20.656 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 32896    | 18.877 | ug/l  | 96       |
| 95) Naphthalene            | 15.10 | 128  | 256394   | 20.563 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 78903    | 20.209 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion:168 Resp: 300724

Ion Ratio Lower Upper

168 100

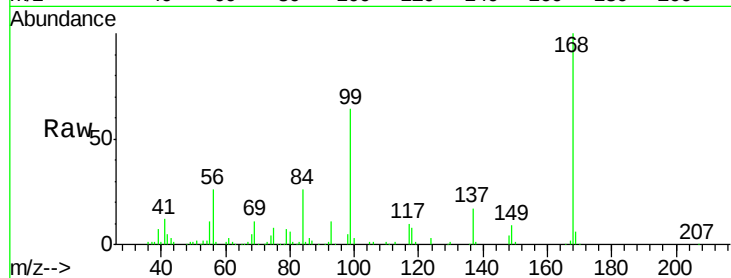
99 63.7 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

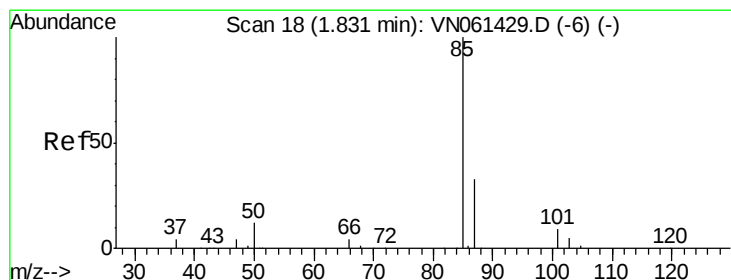
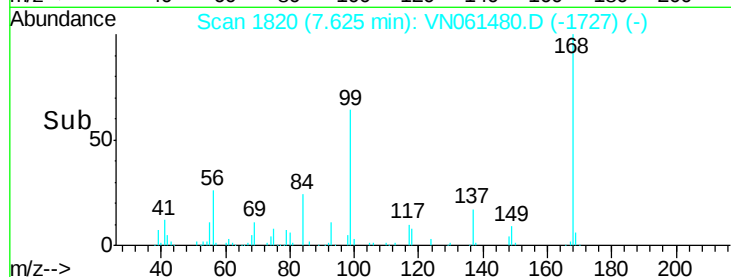
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.273 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061480.D

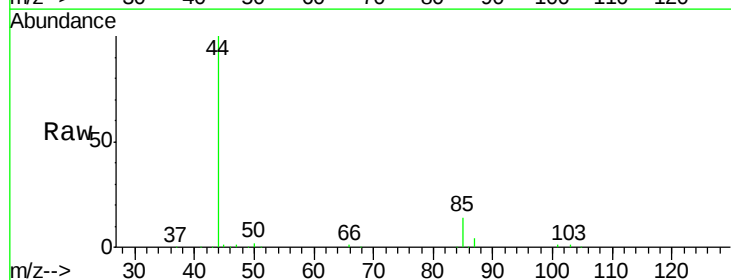
Acq: 19 May 2020 13:47

Tgt Ion: 85 Resp: 50694

Ion Ratio Lower Upper

85 100

87 30.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

40000

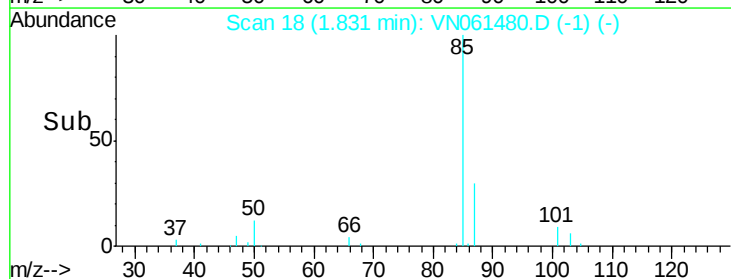
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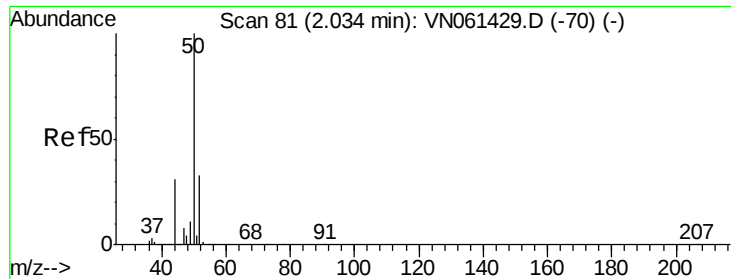
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10000

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Time-->





#3

Chloromethane

Concen: 18.452 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion: 50 Resp: 75255

Ion Ratio Lower Upper

50 100

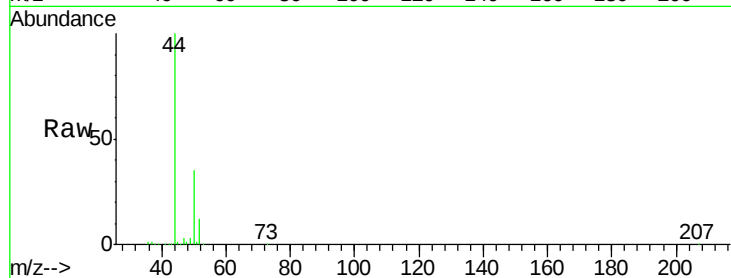
52 32.8 26.7 40.1

Manual Integrations

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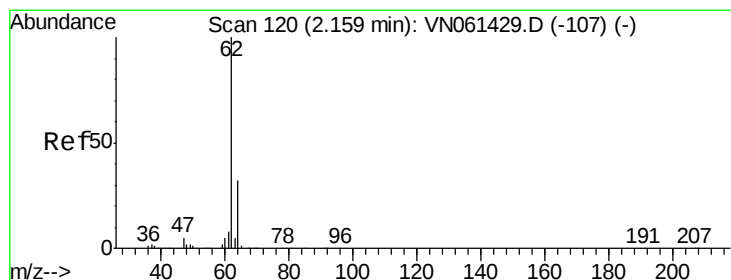
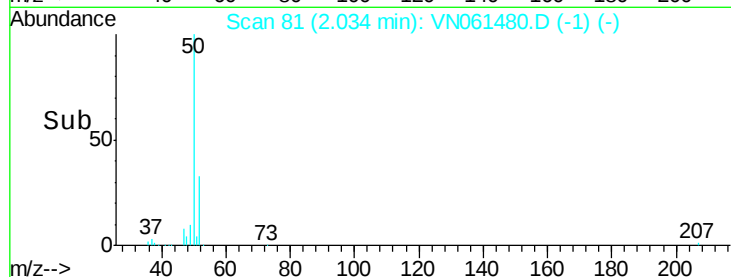
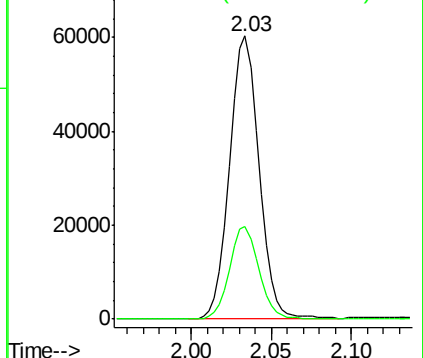
apatel

5/22/2020 11:28:55 AM



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.206 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061480.D

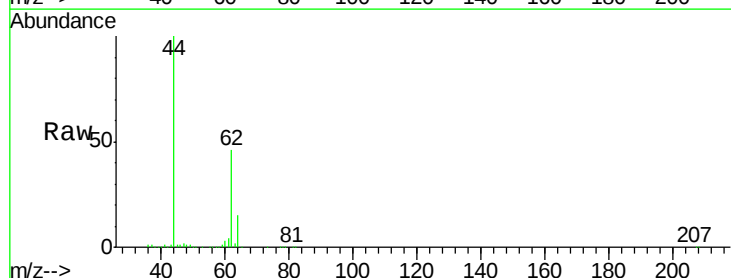
Acq: 19 May 2020 13:47

Tgt Ion: 62 Resp: 106265

Ion Ratio Lower Upper

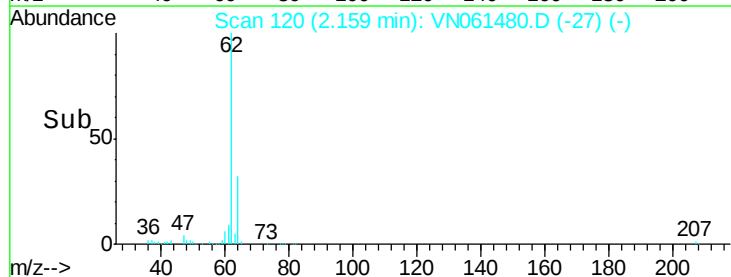
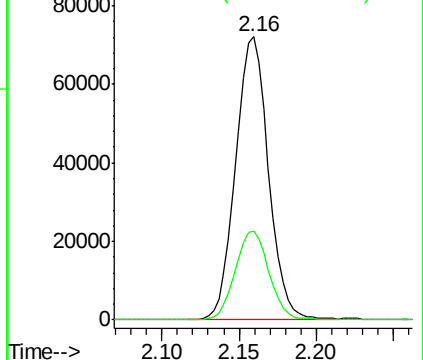
62 100

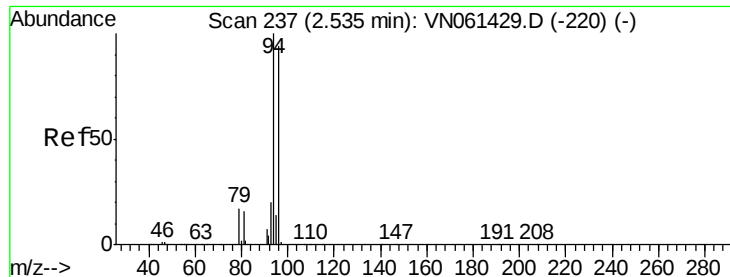
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.466 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion: 94 Resp: 61934

Ion Ratio Lower Upper

94 100

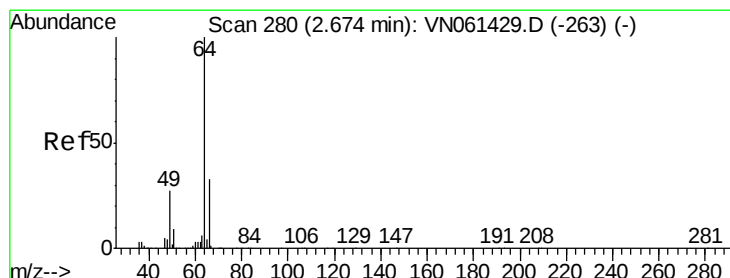
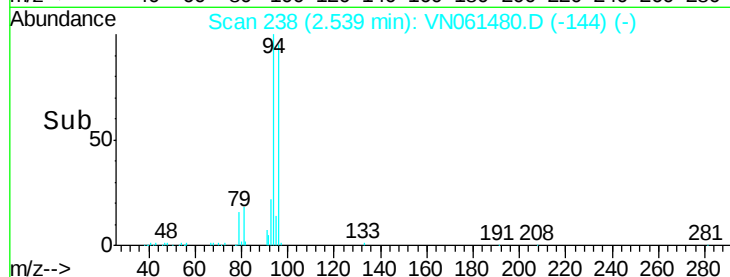
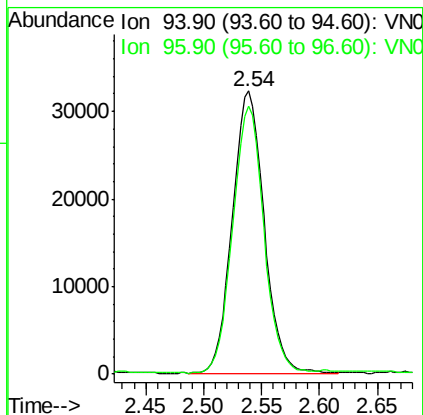
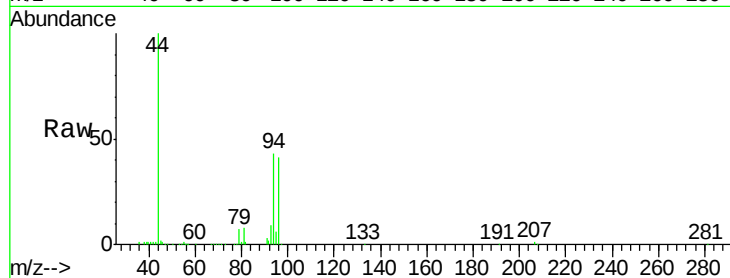
96 94.6 74.9 112.3

Manual Integrations

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5/22/2020 11:28:55 AM



#6

Chloroethane

Concen: 17.957 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061480.D

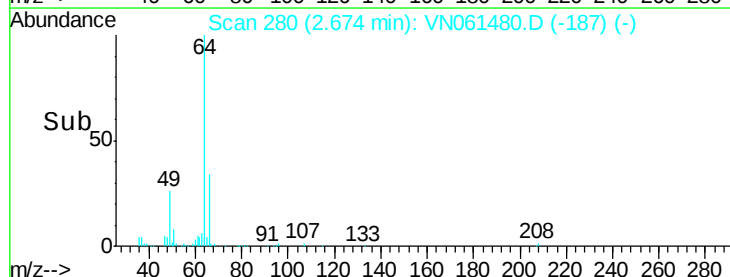
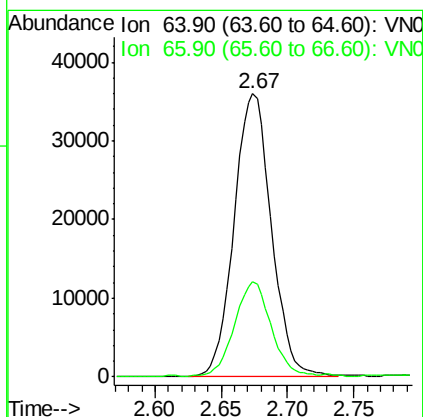
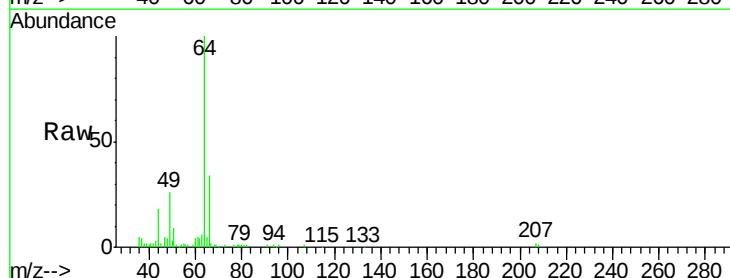
Acq: 19 May 2020 13:47

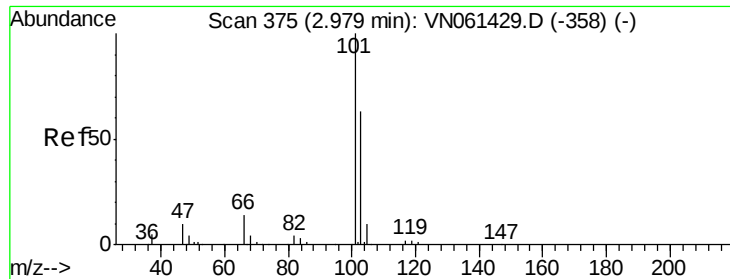
Tgt Ion: 64 Resp: 70547

Ion Ratio Lower Upper

64 100

66 33.6 26.3 39.5





#7

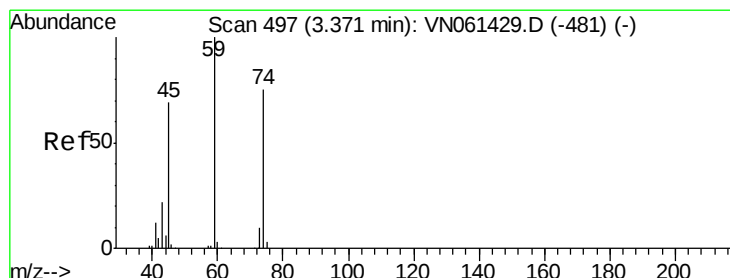
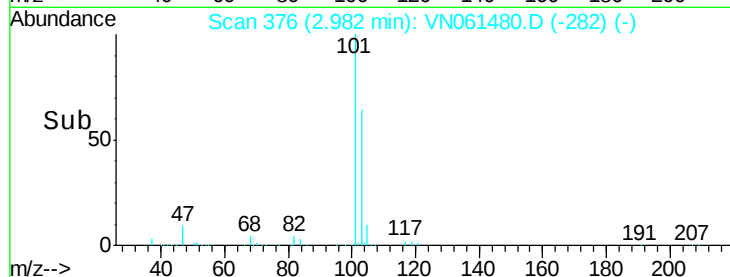
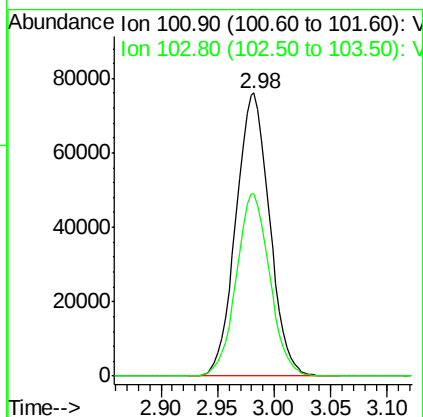
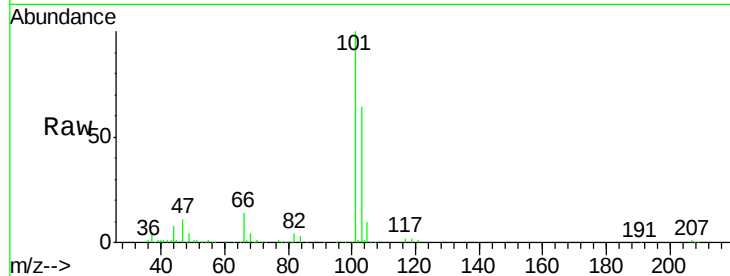
Trichlorofluoromethane  
Concen: 22.282 ug/l  
RT: 2.98 min Scan# 376  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 157899 |       |       |
| 103     | 64.3 | 50.2  | 75.4   |       |       |

Manual Integrations  
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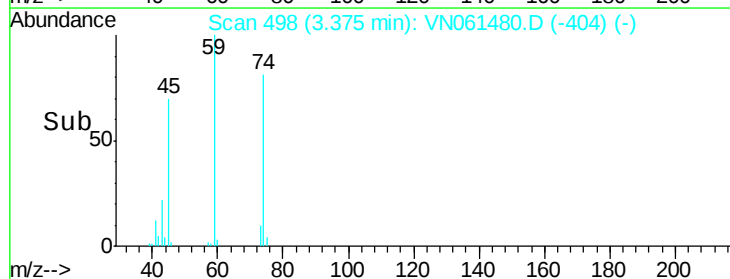
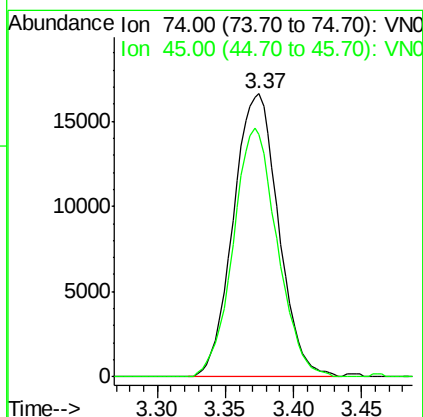
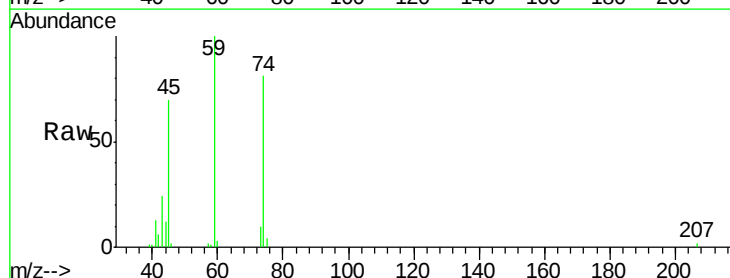
apatel  
5/22/2020 11:28:55 AM

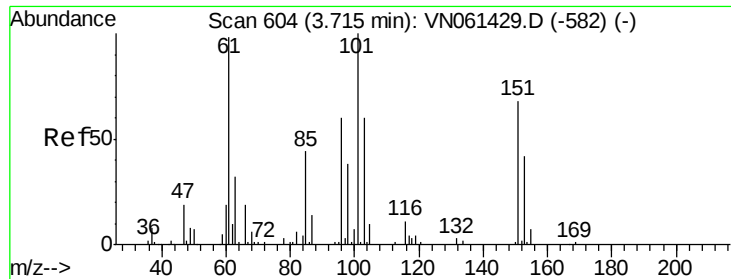


#8

Diethyl Ether  
Concen: 18.519 ug/l  
RT: 3.37 min Scan# 498  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 74      | 100  |       | 38225 |       |       |
| 45      | 85.5 | 45.7  | 137.1 |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.092 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

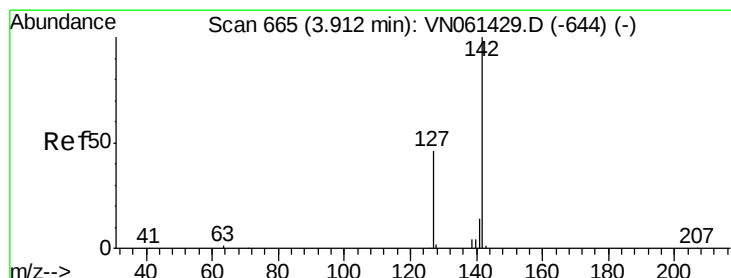
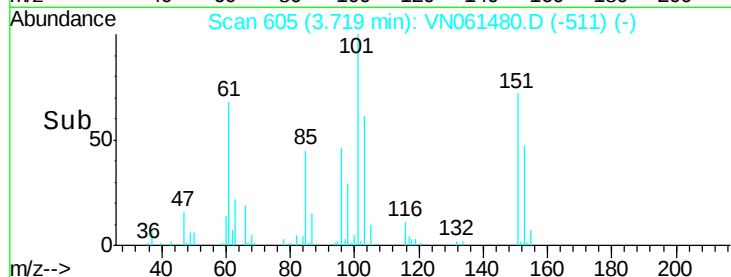
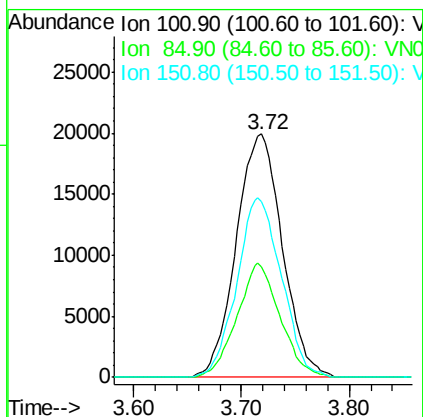
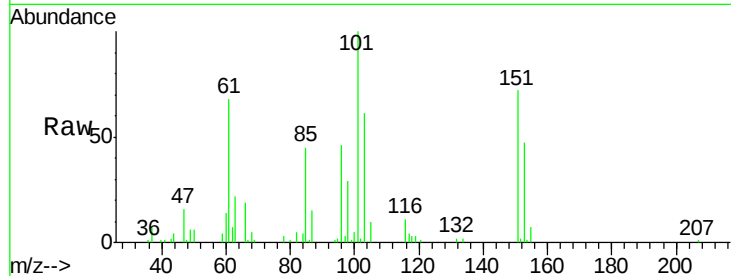
ClientSampled :

VN0519MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 59208 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.6  | 36.6  | 55.0  |
| 151       | 71.2  | 56.3  | 84.5  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 19.962 ug/l

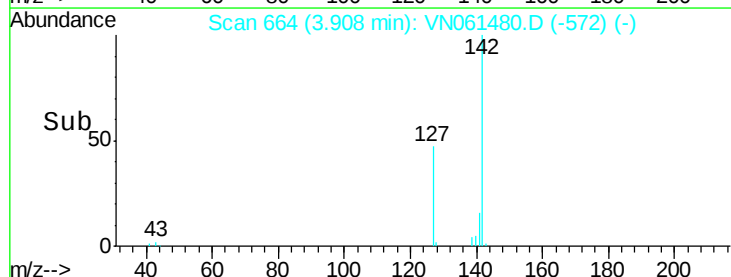
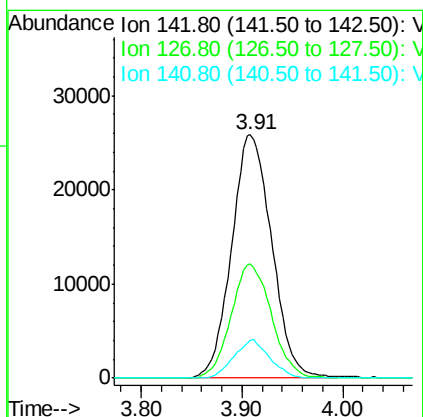
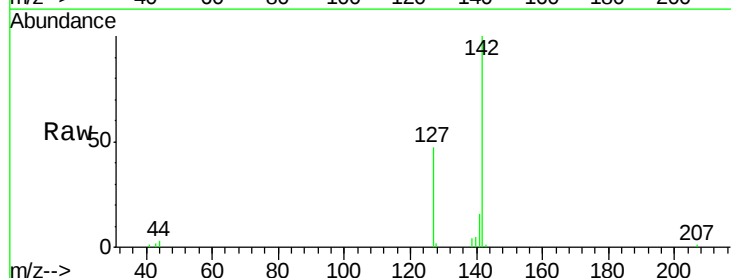
RT: 3.91 min Scan# 664

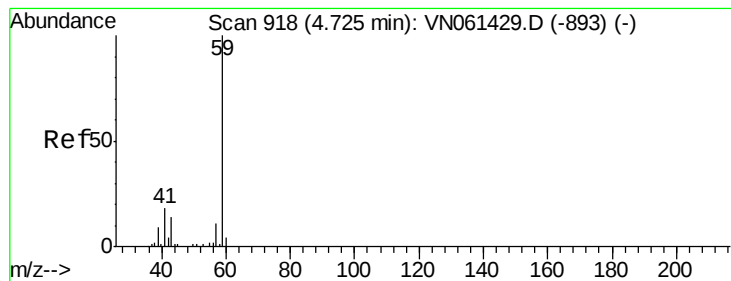
Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 71447 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 47.0  | 36.7  | 55.1  |
| 141       | 14.0  | 11.5  | 17.3  |





#11

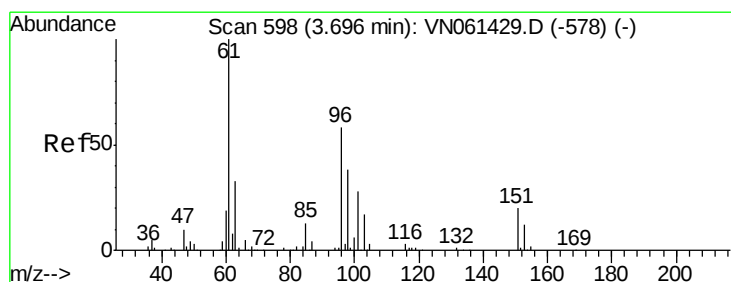
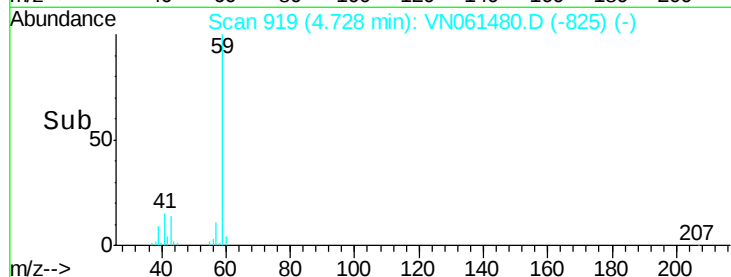
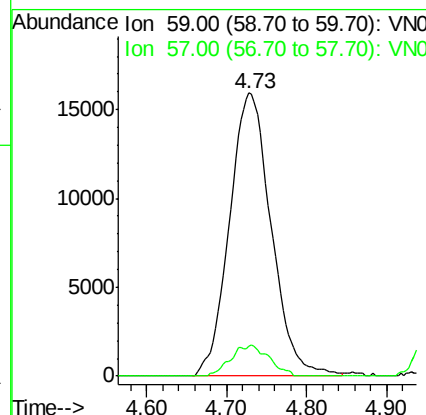
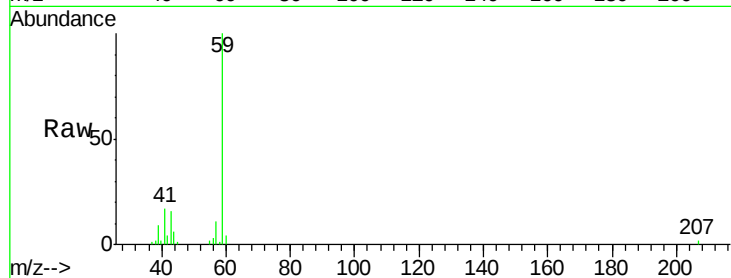
Tert butyl alcohol  
Concen: 109.179 ug/l  
RT: 4.73 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 4.0   | 8.2   | 12.2# |

Manual Integrations  
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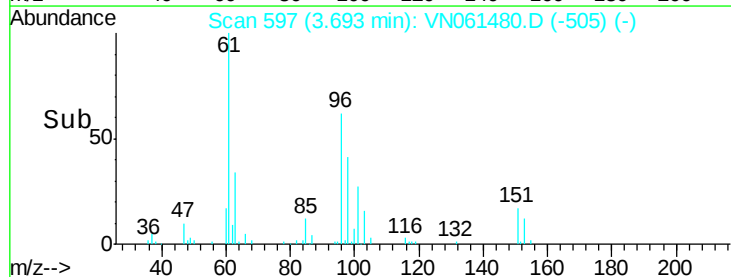
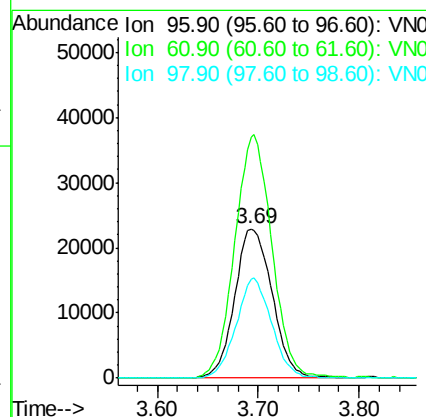
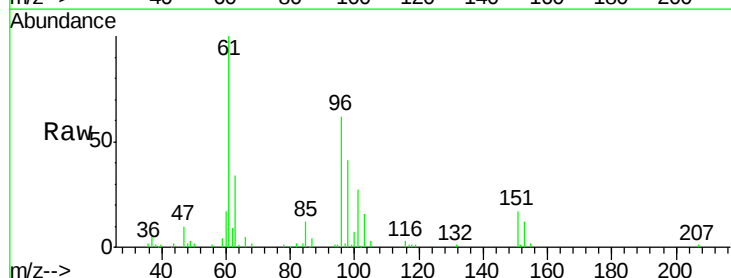
apatel  
5/22/2020 11:28:55 AM

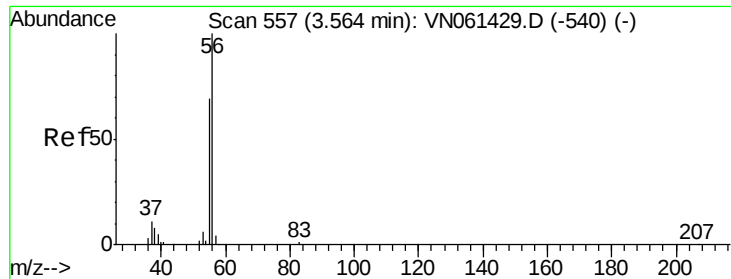


#12

1,1-Dichloroethene  
Concen: 19.216 ug/l  
RT: 3.69 min Scan# 597  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 162.1 | 138.7 | 208.1 |
| 98      | 66.1  | 53.0  | 79.6  |





#13

Acrolein

Concen: 58.863 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion: 56 Resp: 27155

Ion Ratio Lower Upper

56 100

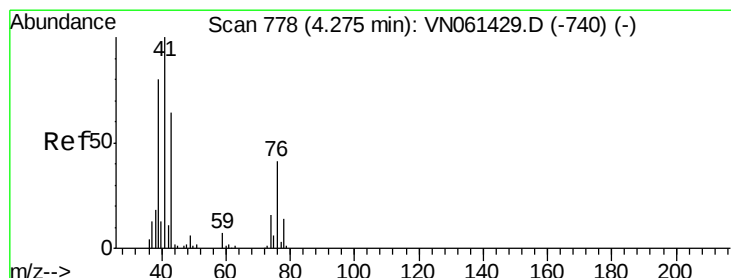
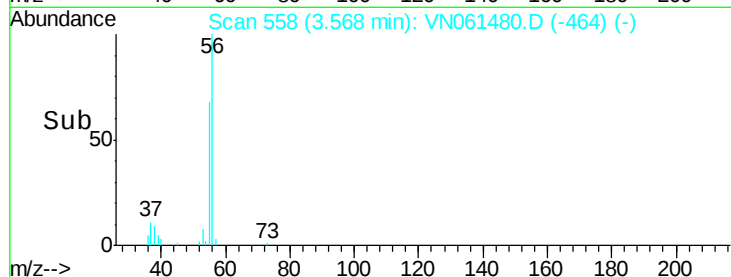
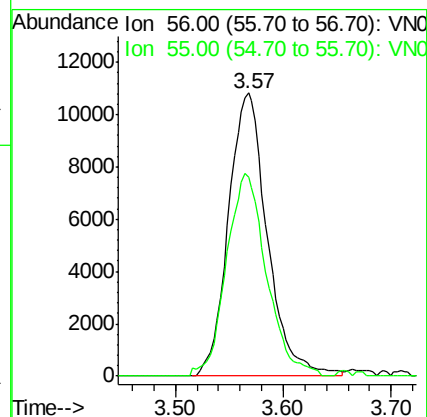
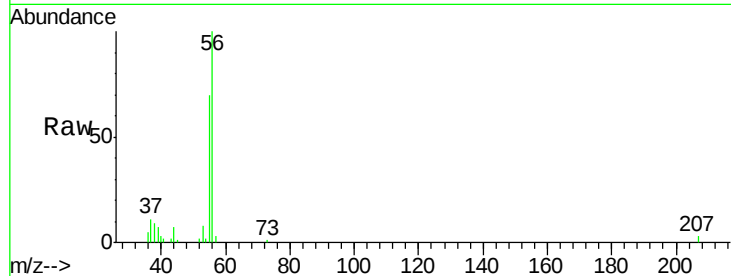
55 73.8 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 18.267 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

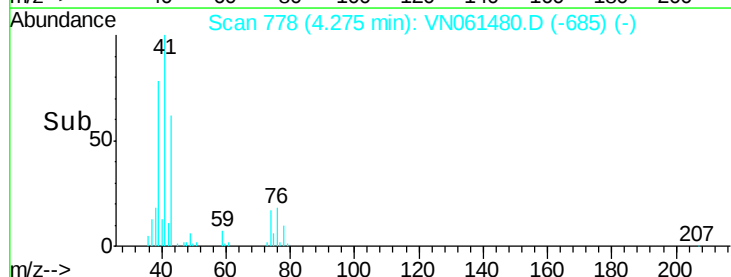
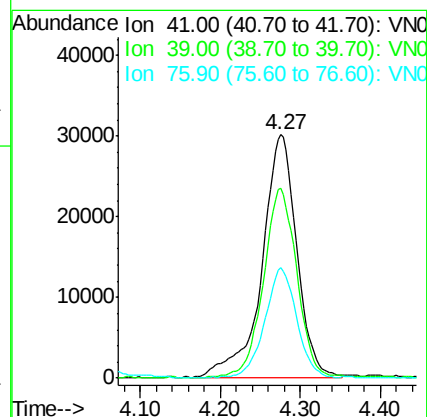
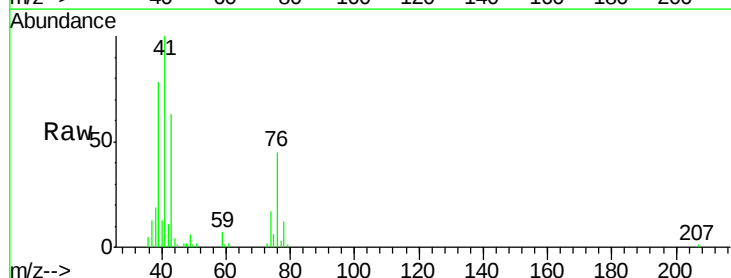
Tgt Ion: 41 Resp: 91635

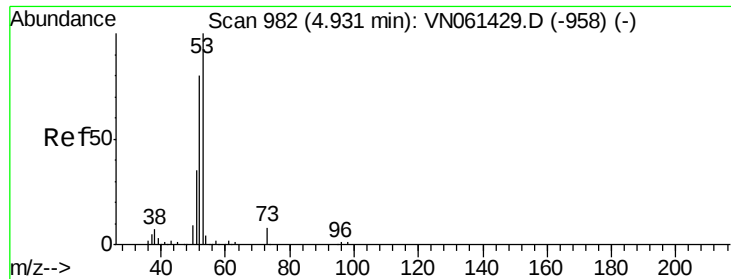
Ion Ratio Lower Upper

41 100

39 72.2 61.2 91.8

76 41.3 29.9 44.9





#15

Acrylonitrile

Concen: 92.165 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

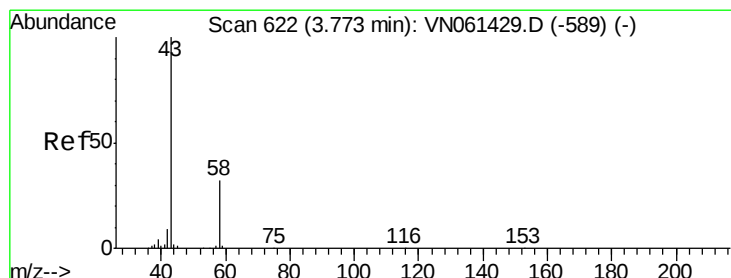
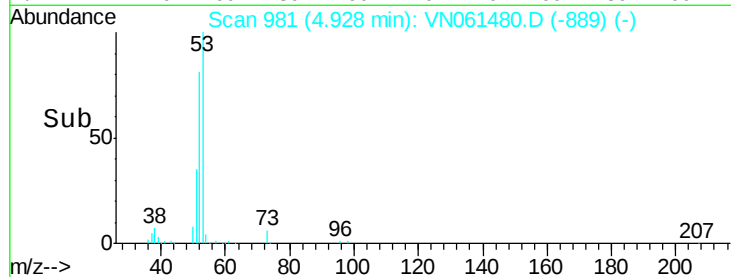
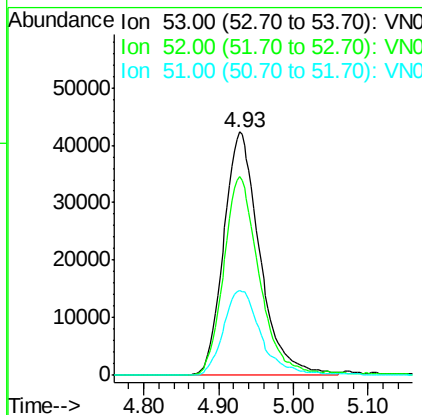
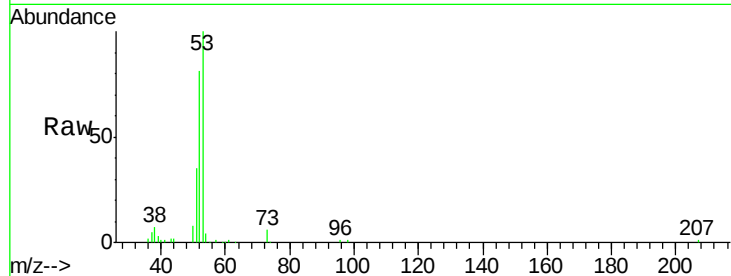
ClientSampleId :

VN0519MBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 141208 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 80.1 | 64.7  | 97.1   |
| 51        | 36.5 | 29.5  | 44.3   |

Manual Integrations  
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5/22/2020 11:28:55 AM



#16

Acetone

Concen: 97.647 ug/l

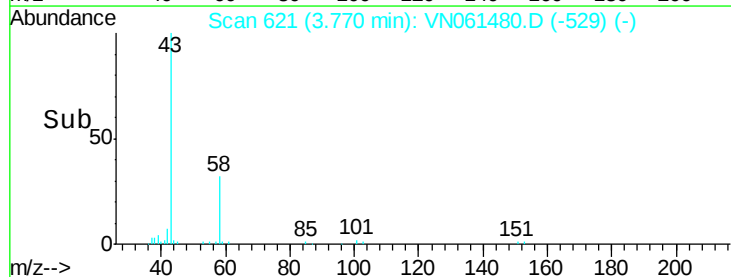
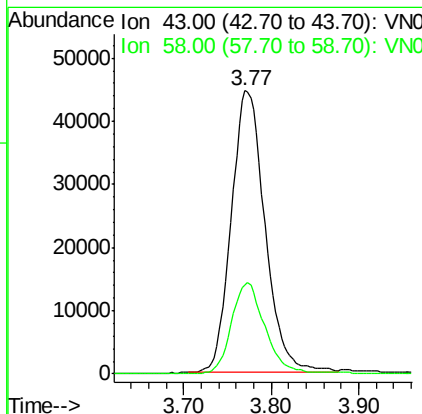
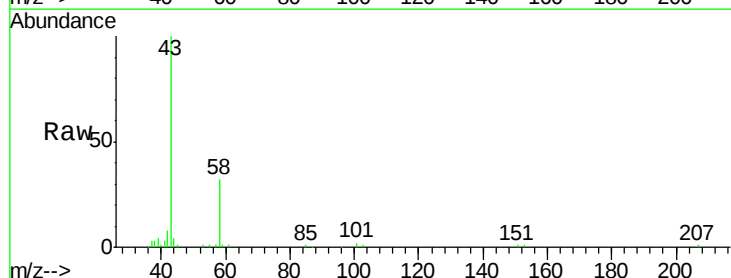
RT: 3.77 min Scan# 621

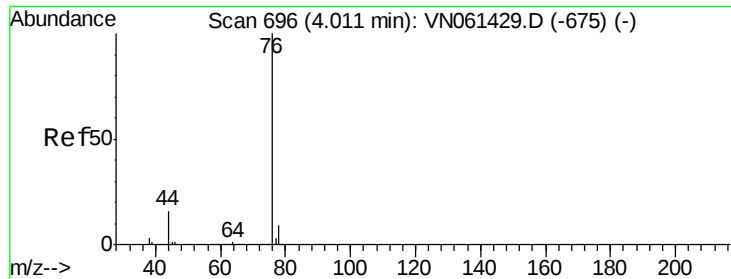
Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 120125 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 31.7 | 25.6  | 38.4   |





#17

Carbon Disulfide

Concen: 20.032 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion: 76 Resp: 145178

Ion Ratio Lower Upper

76 100

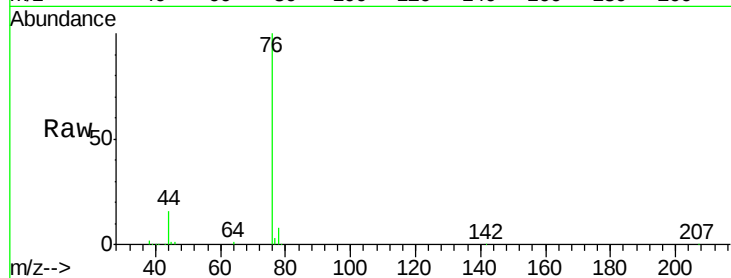
78 8.5 7.4 11.0

Manual Integrations

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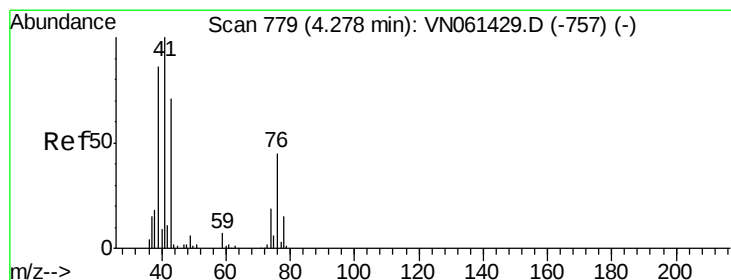
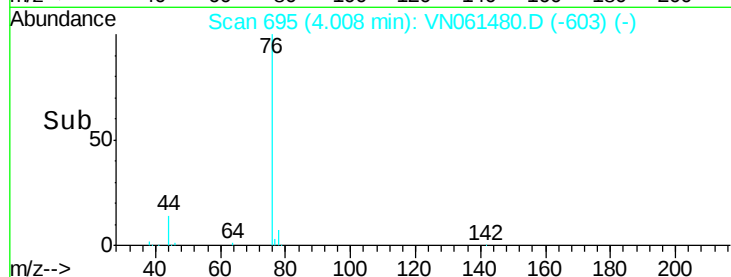
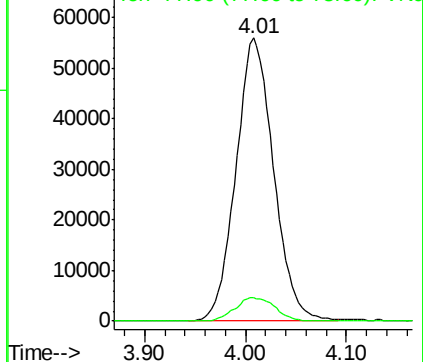
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.443 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061480.D

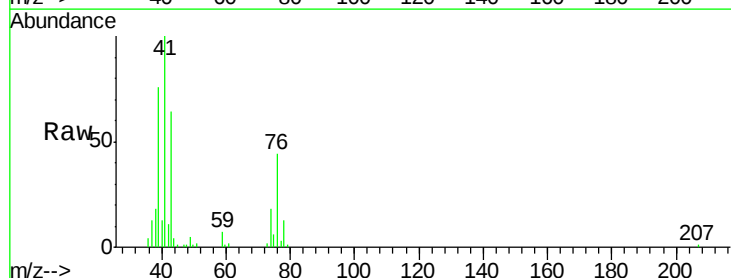
Acq: 19 May 2020 13:47

Tgt Ion: 43 Resp: 55833

Ion Ratio Lower Upper

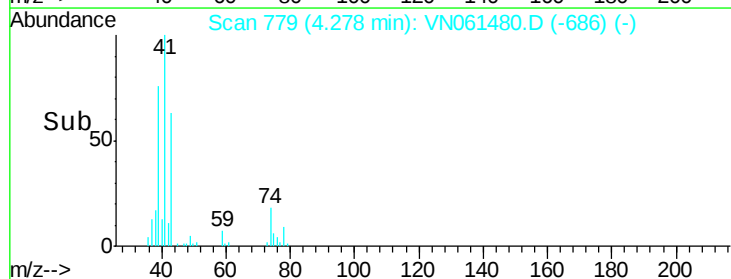
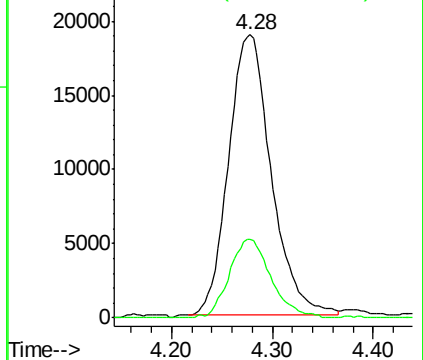
43 100

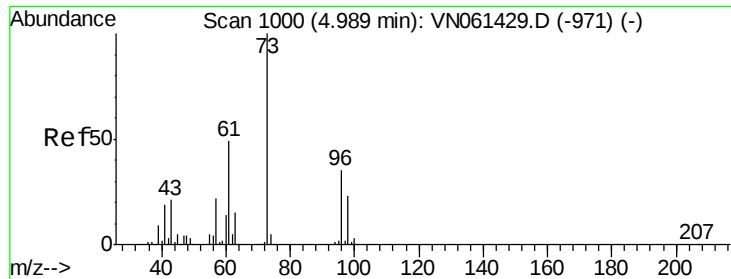
74 27.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





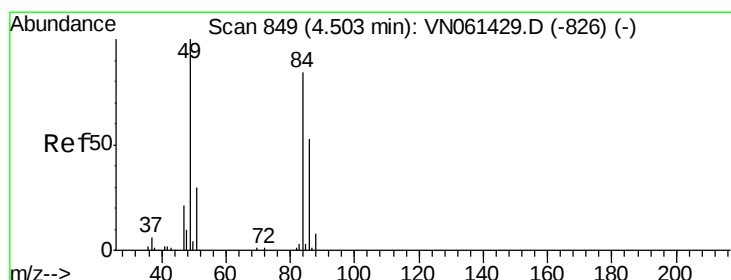
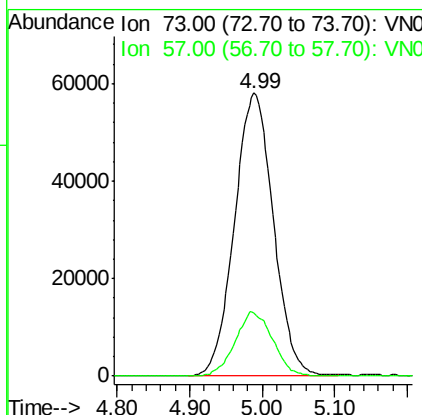
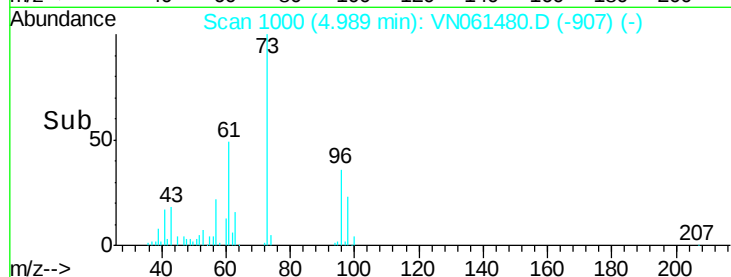
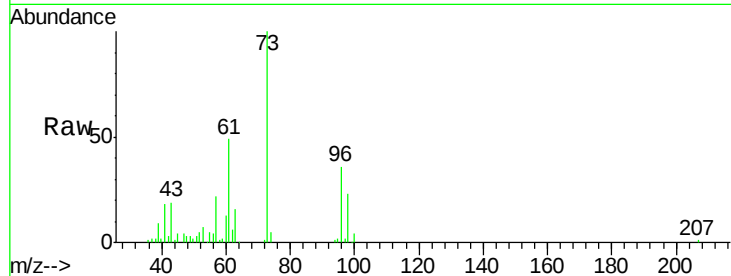
#19  
Methvl tert-butvl Ether  
Concen: 18.551 ug/l  
RT: 4.99 min Scan# 1000  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

Tot Ion: 73 Resp: 217008  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.4 26.0

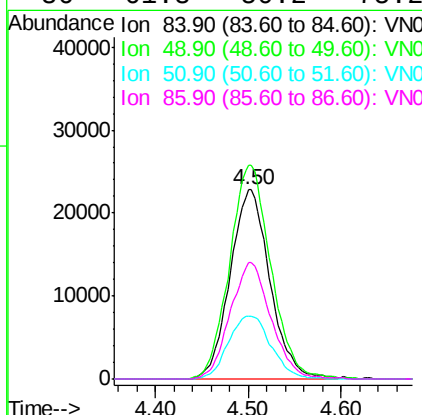
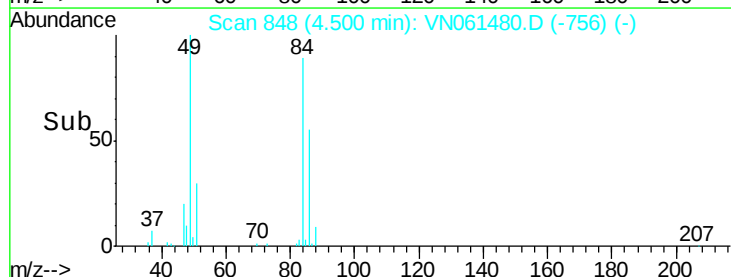
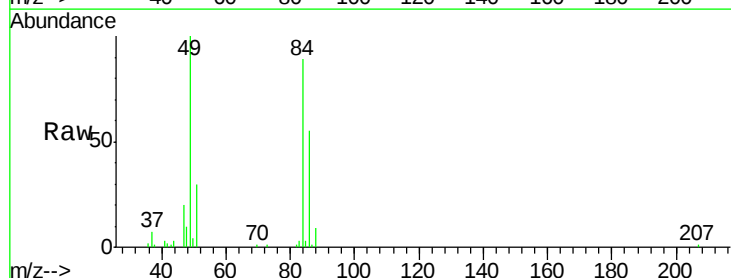
Manual Integrations  
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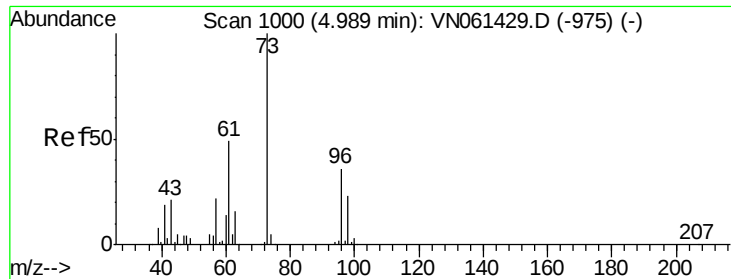
apatel  
5/22/2020 11:28:55 AM



#20  
Methylene Chloride  
Concen: 18.439 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Tgt Ion: 84 Resp: 68014  
Ion Ratio Lower Upper  
84 100  
49 112.9 95.3 142.9  
51 33.4 29.0 43.6  
86 61.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.256 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

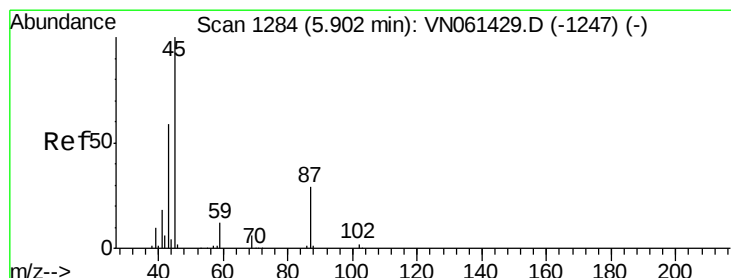
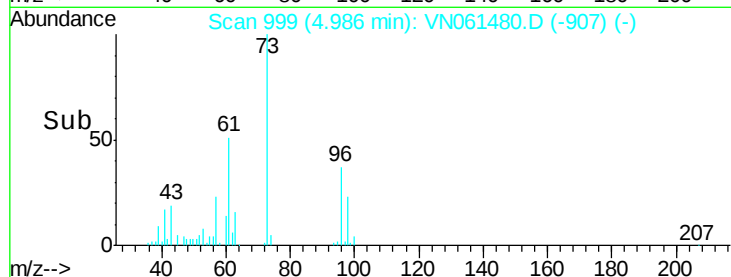
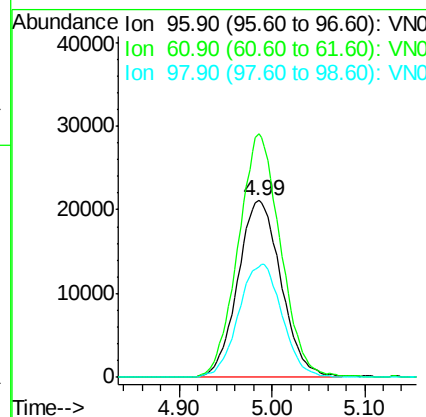
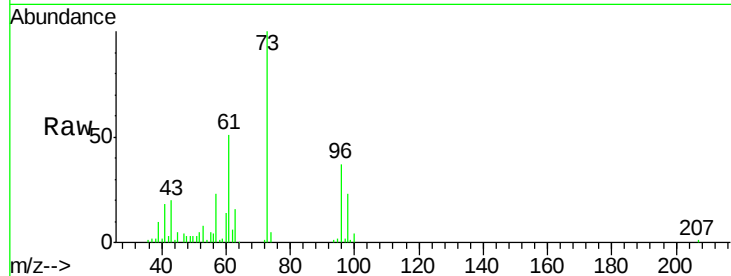
ClientSampleId :

VN0519MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 68446 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 137.8 | 109.8 | 164.6 |
| 98       | 62.7  | 52.4  | 78.6  |

Manual Integrations  
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5/22/2020 11:28:55 AM



#22

Diisopropyl ether

Concen: 18.140 ug/l

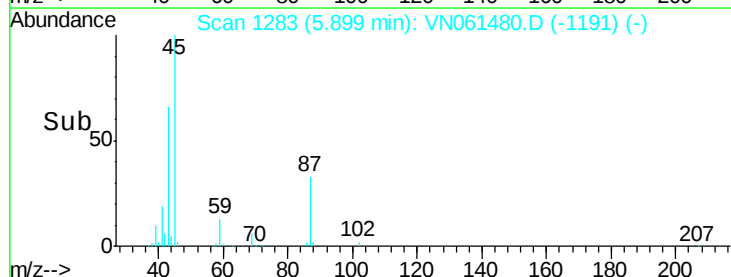
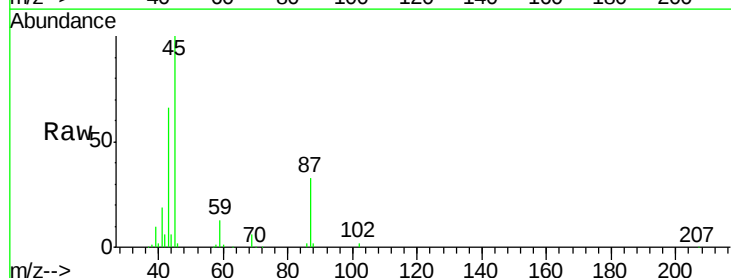
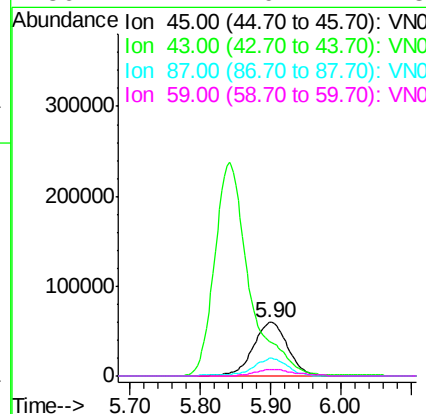
RT: 5.90 min Scan# 1283

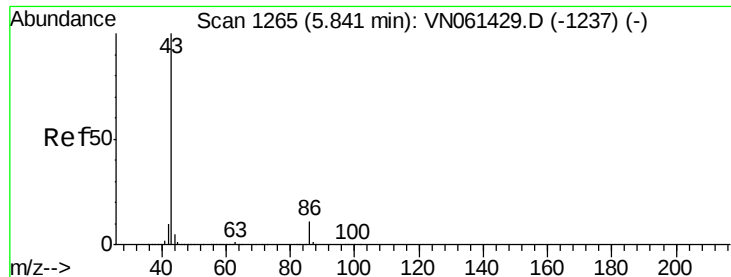
Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 204495 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 63.9  | 47.9  | 71.9   |
| 87       | 32.6  | 24.0  | 36.0   |
| 59       | 12.7  | 9.7   | 14.5   |





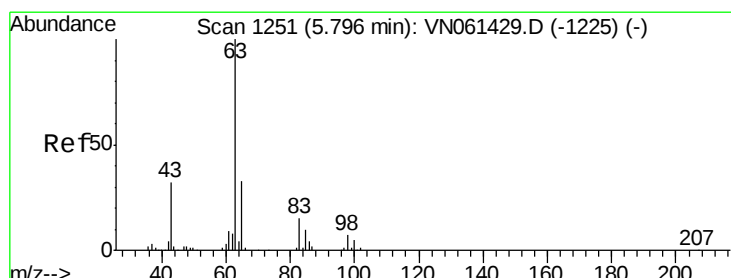
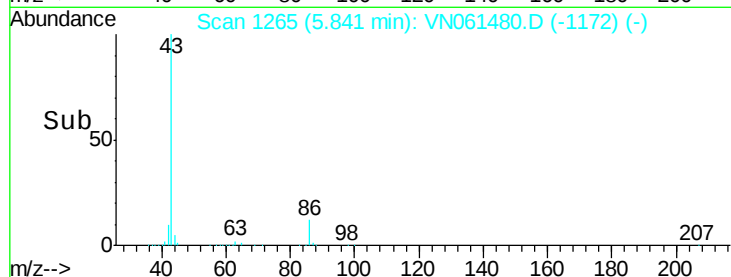
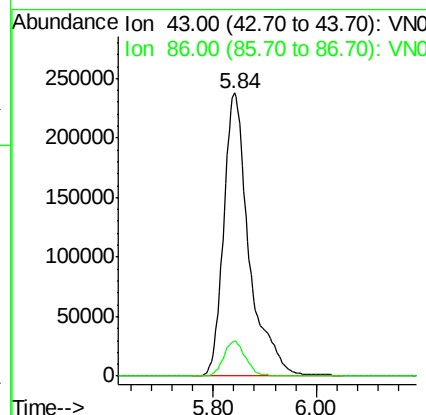
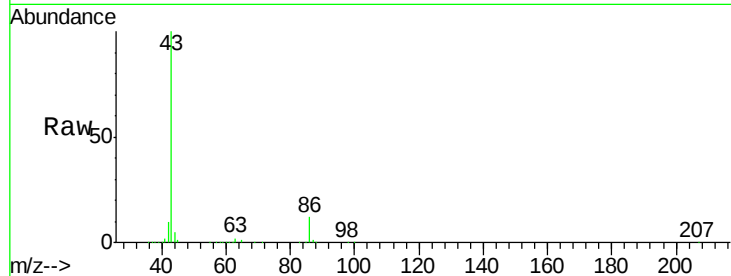
#23  
 Vinyl Acetate  
 Concen: 91.079 ug/l  
 RT: 5.84 min Scan# 1265  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

| Tot Ion   | 43   | Resp  | 816457 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 86        | 12.4 | 9.1   | 13.7   |

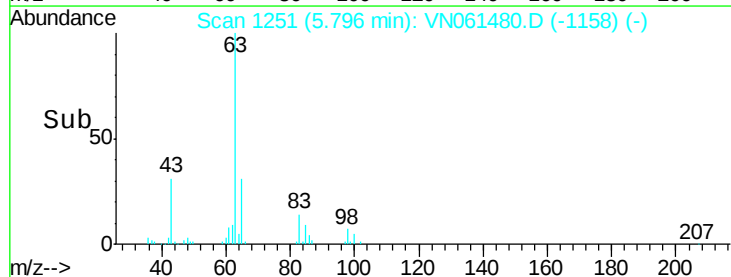
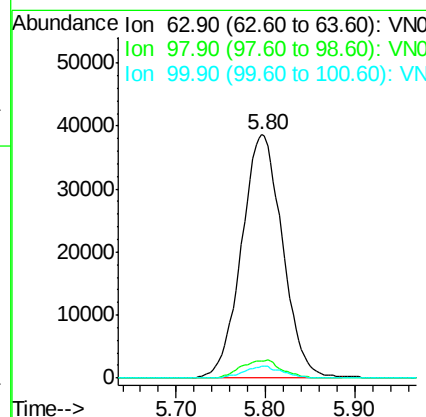
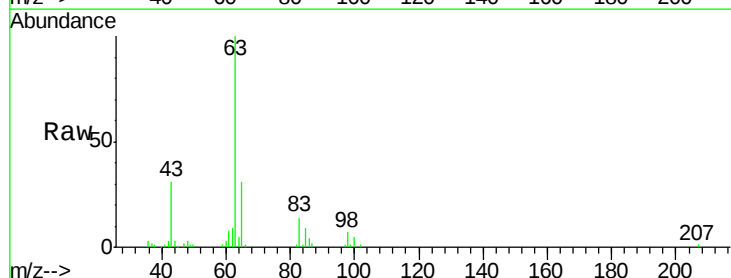
Manual Integrations  
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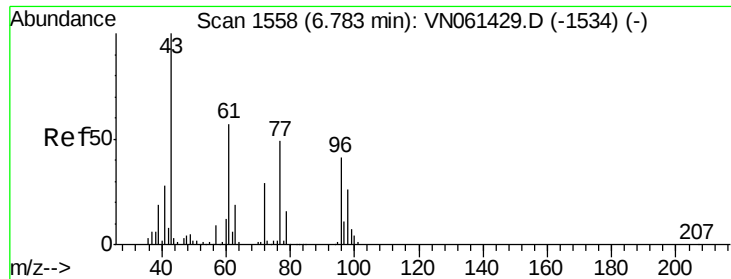
apatel  
 5/22/2020 11:28:55 AM



#24  
 1,1-Dichloroethane  
 Concen: 18.669 ug/l  
 RT: 5.80 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion   | 63  | Resp  | 122754 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 63        | 100 |       |        |
| 98        | 7.2 | 3.5   | 10.5   |
| 100       | 4.9 | 2.3   | 6.9    |





#25

2-Butanone

Concen: 91.290 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion: 43 Resp: 186551

Ion Ratio Lower Upper

43 100

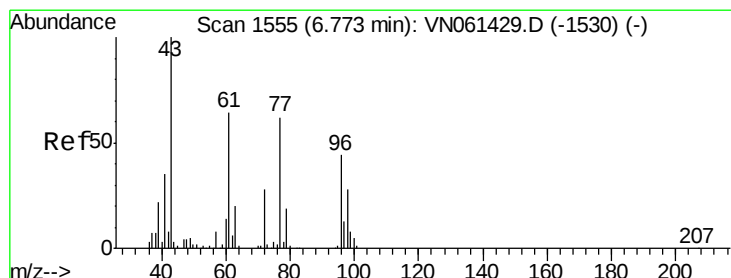
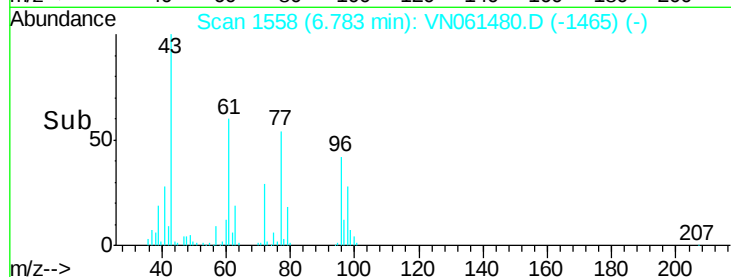
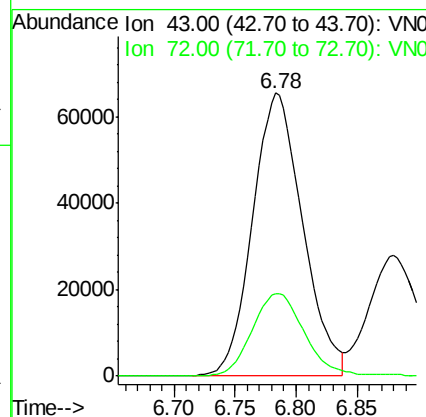
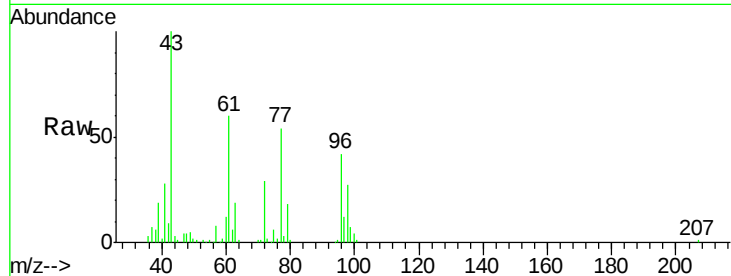
72 29.3 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 18.950 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061480.D

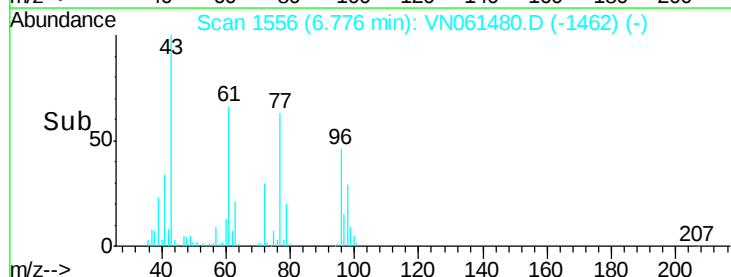
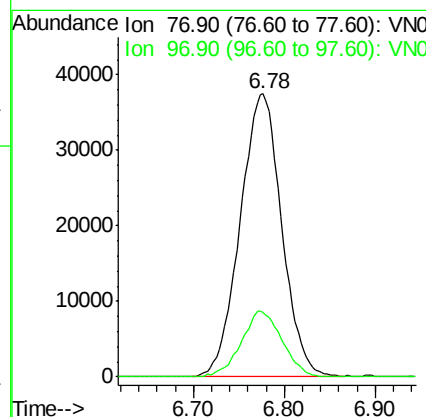
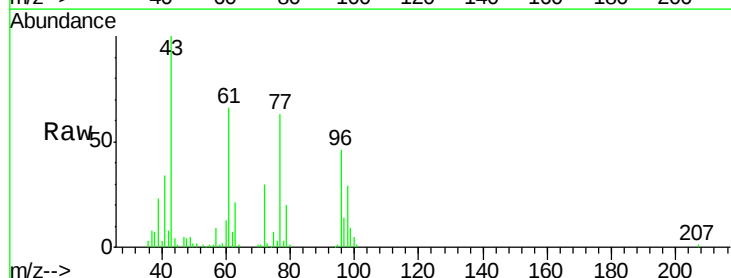
Acq: 19 May 2020 13:47

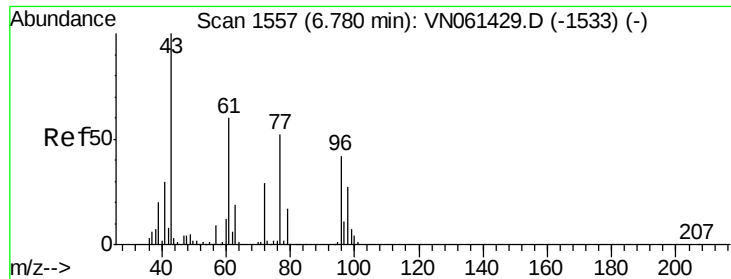
Tgt Ion: 77 Resp: 118781

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.423 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061480.D

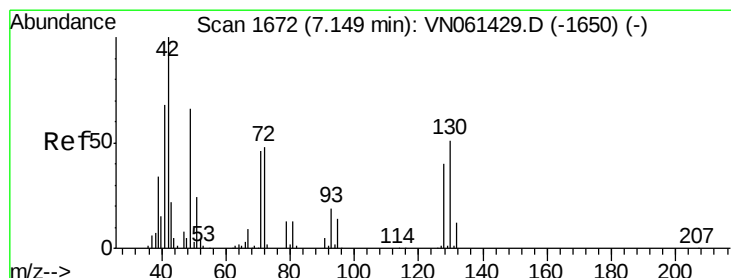
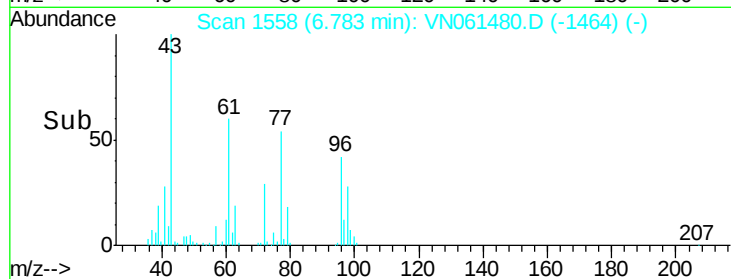
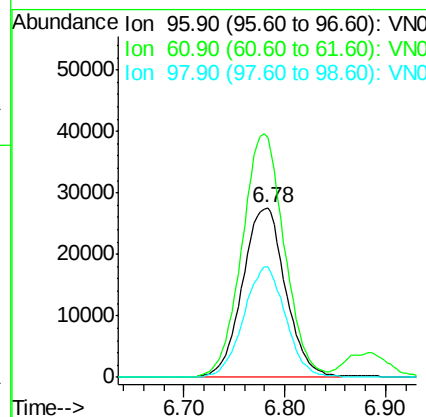
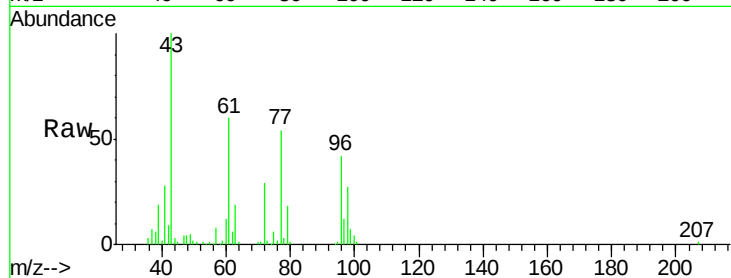
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.3 | 0.0   | 294.2 |
| 98      | 63.5  | 0.0   | 128.2 |

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#28

Bromochloromethane

Concen: 21.601 ug/l

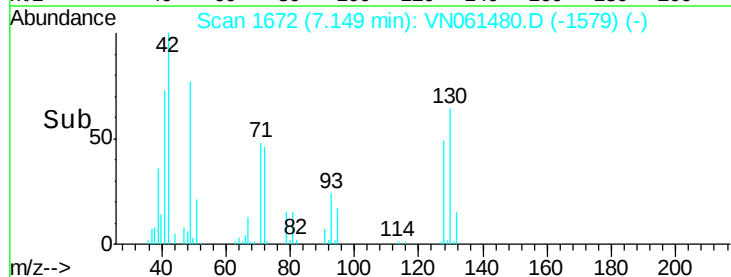
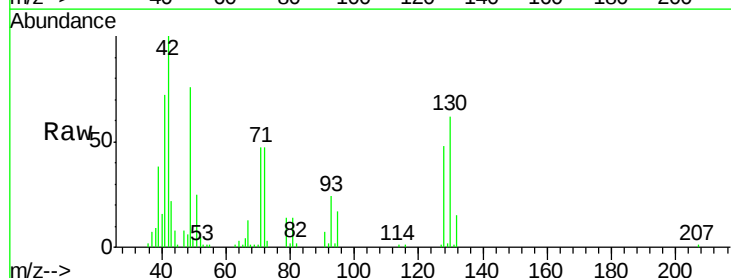
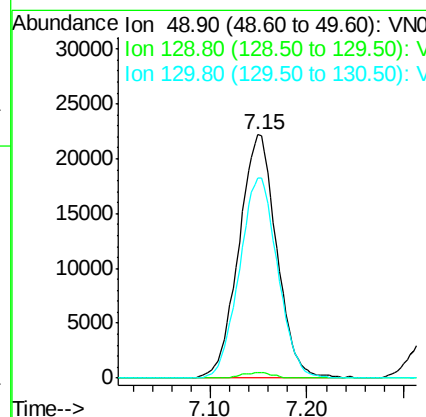
RT: 7.15 min Scan# 1672

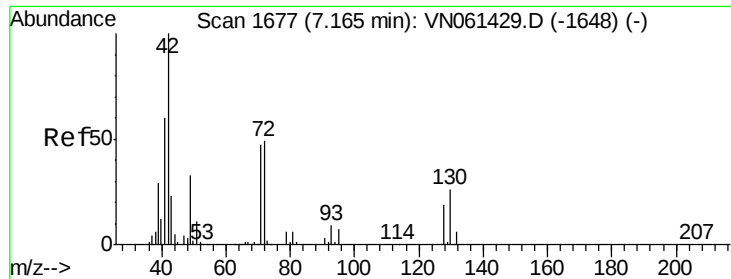
Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 4.6   |
| 130     | 83.2  | 62.2  | 93.2  |





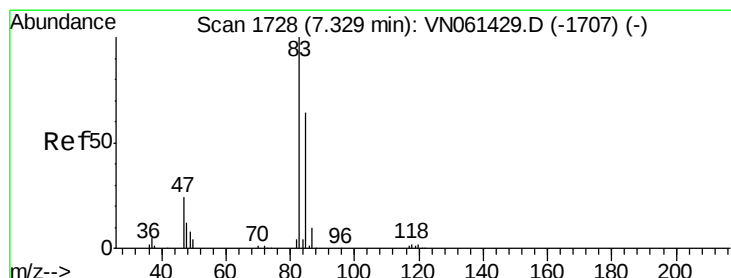
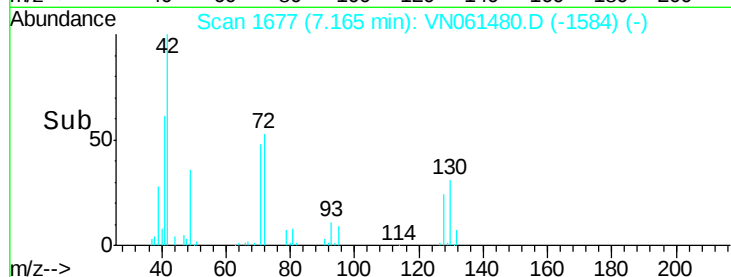
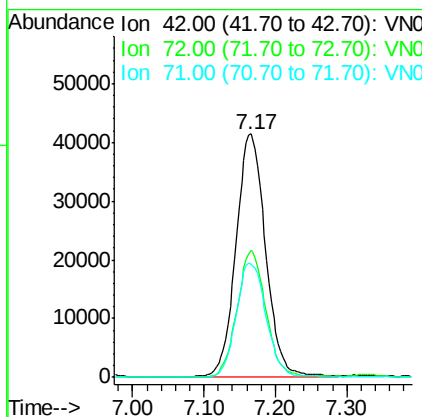
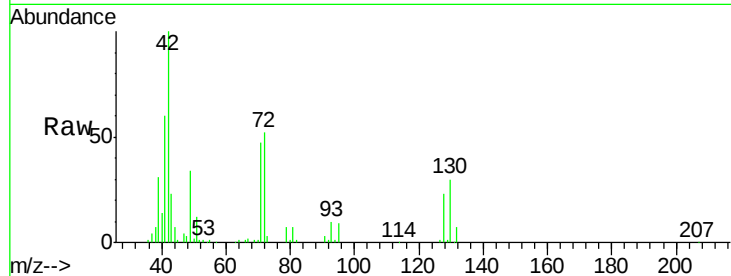
#29  
Tetrahydrofuran  
Concen: 89.289 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 50.3  | 39.0  | 58.6  |
| 71      | 46.9  | 36.9  | 55.3  |

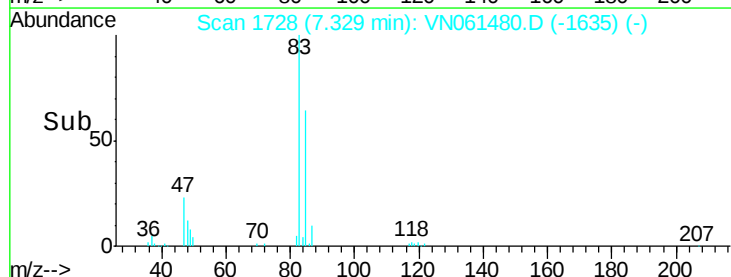
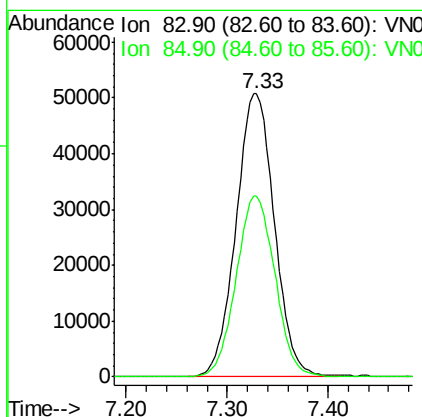
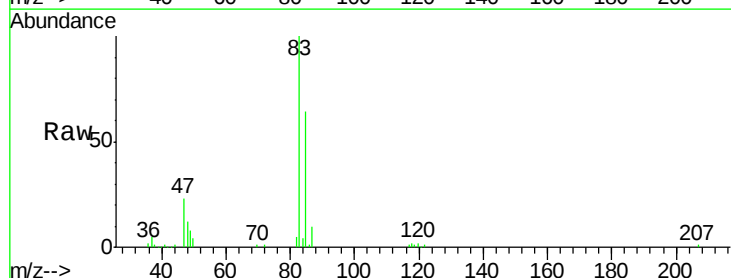
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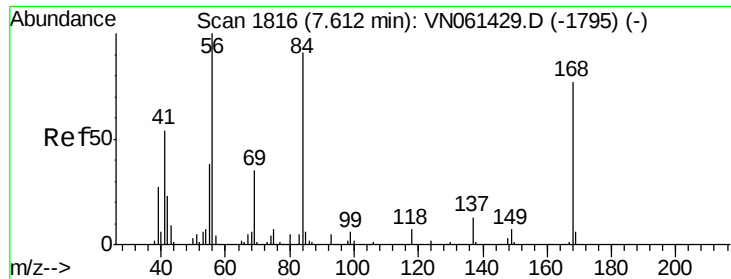
apatel  
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#30  
Chloroform  
Concen: 19.487 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.2  | 51.0  | 76.4  |





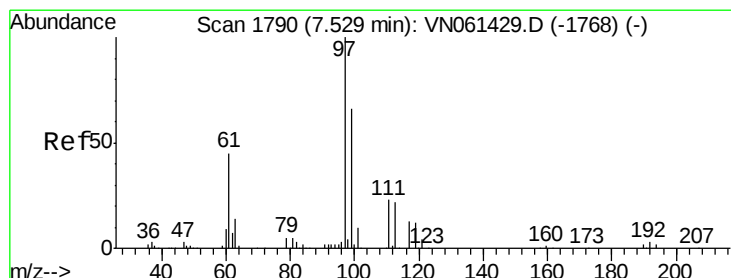
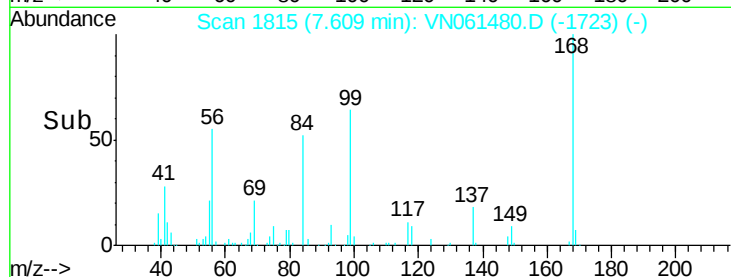
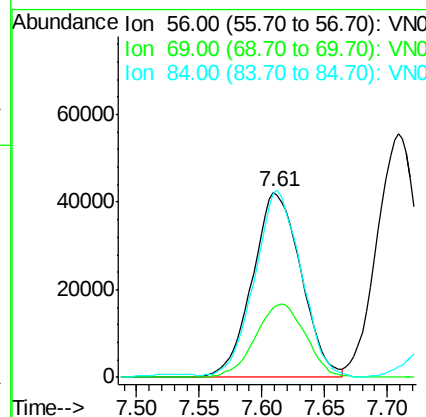
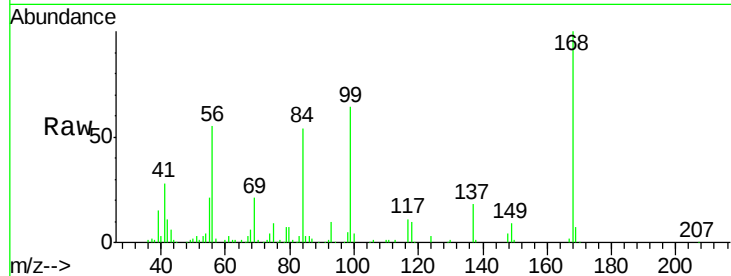
#31  
Cyclohexane  
Concen: 17.822 ug/l  
RT: 7.61 min Scan# 1815  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.6  | 27.8  | 41.6  |
| 84      | 97.7  | 72.7  | 109.1 |

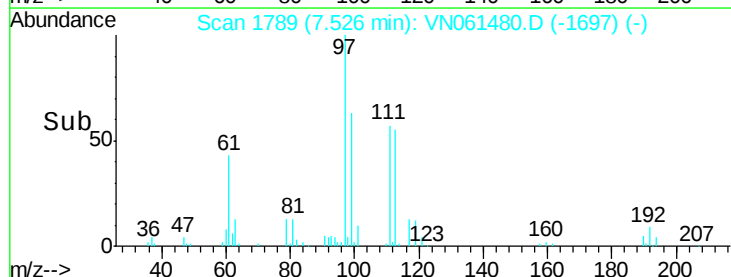
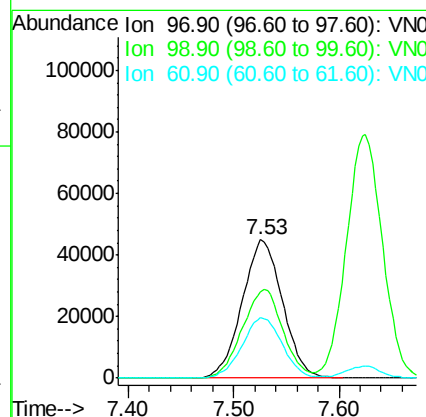
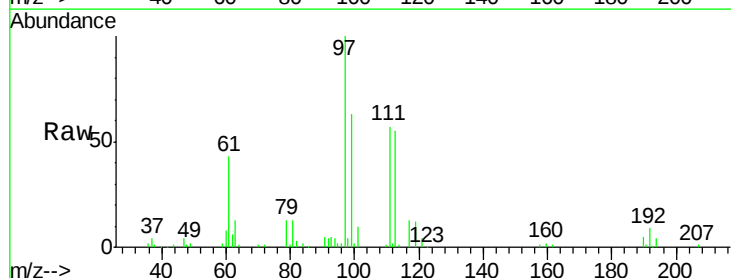
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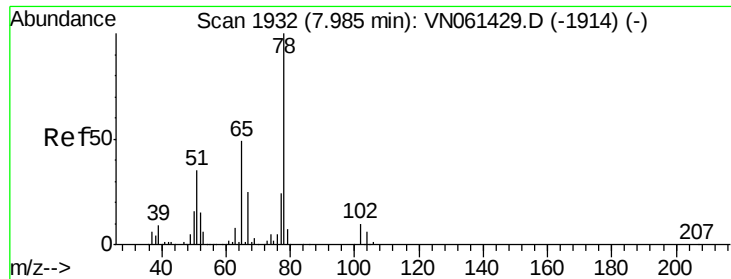
apatel  
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#32  
1,1,1-Trichloroethane  
Concen: 19.088 ug/l  
RT: 7.53 min Scan# 1789  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.9  | 51.5  | 77.3  |
| 61      | 43.6  | 35.8  | 53.6  |





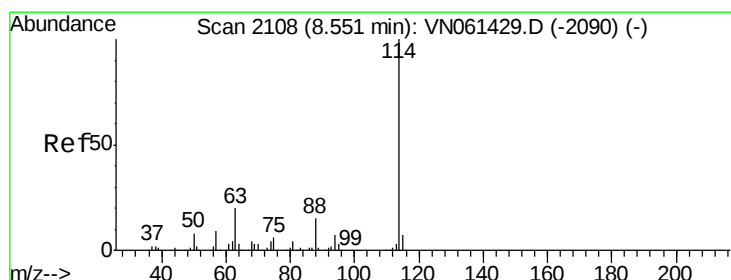
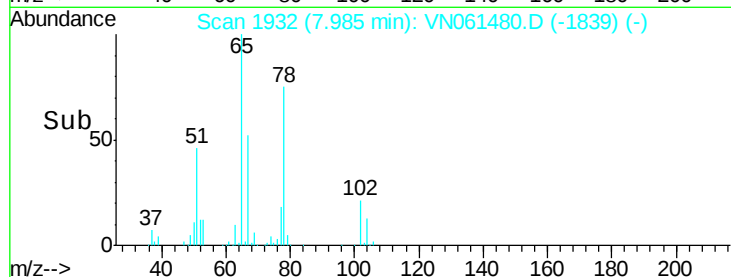
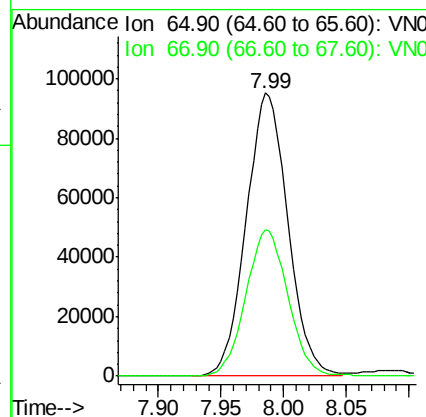
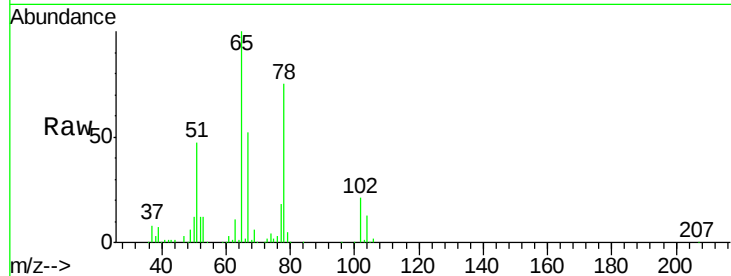
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.049 ug/l  
 RT: 7.99 min Scan# 1932  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0519MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 220142 |       |       |
| 67      | 52.3  | 0.0    | 101.4 |       |

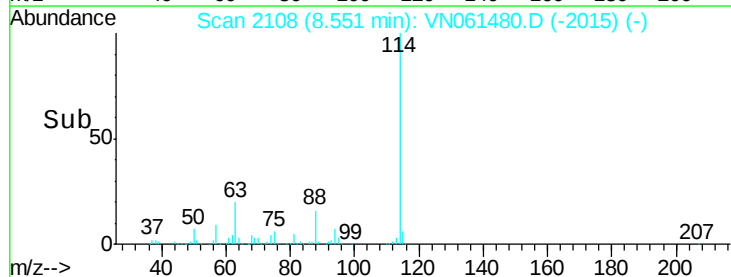
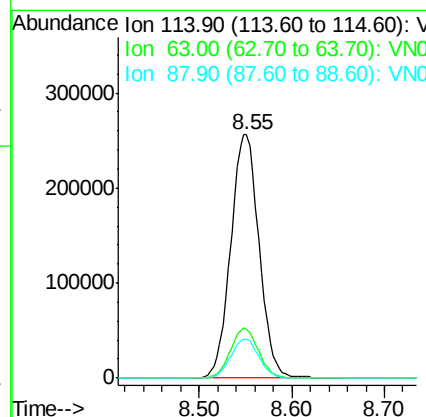
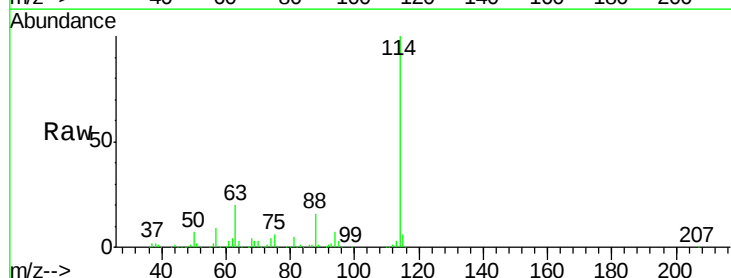
Manual Integrations  
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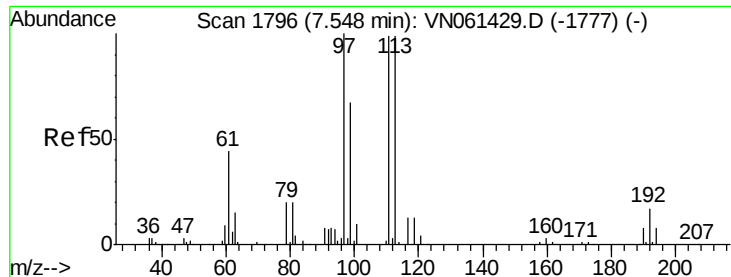
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 542399 |       |       |
| 63      | 20.1  | 0.0    | 40.8  |       |
| 88      | 16.2  | 0.0    | 30.8  |       |





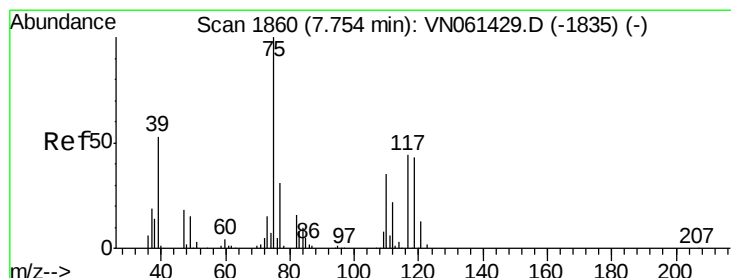
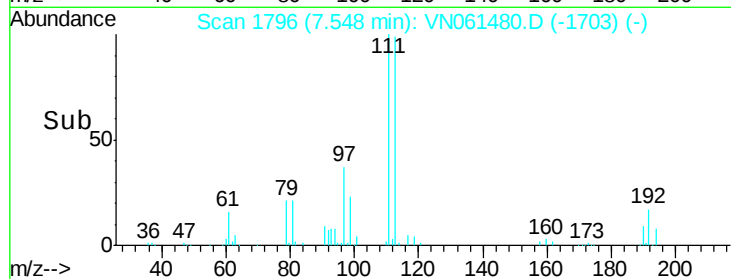
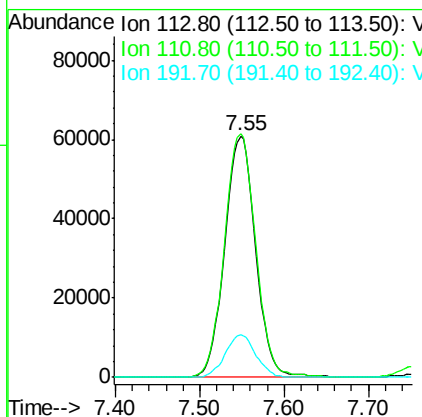
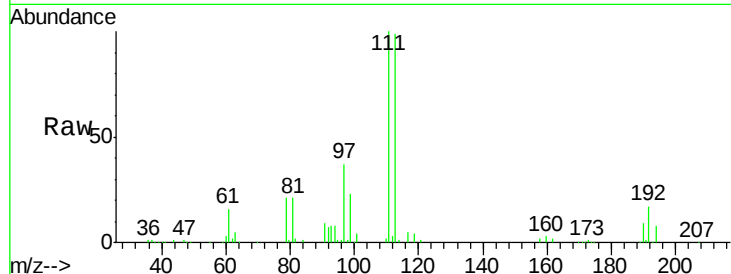
#35  
Dibromofluoromethane  
Concen: 54.601 ug/l  
RT: 7.55 min Scan# 1796  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 155147 |       |       |
| 111     | 102.0 | 80.6   | 121.0 |       |
| 192     | 17.4  | 13.2   | 19.8  |       |

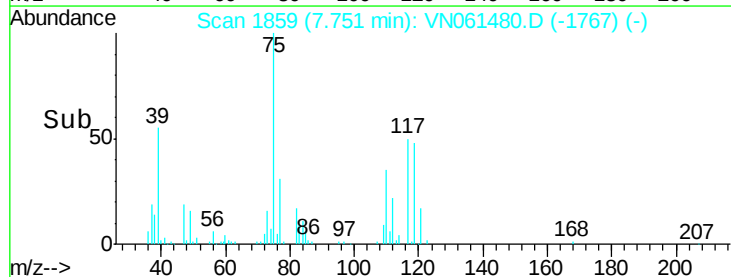
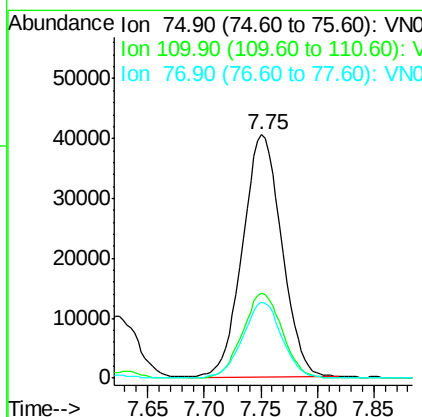
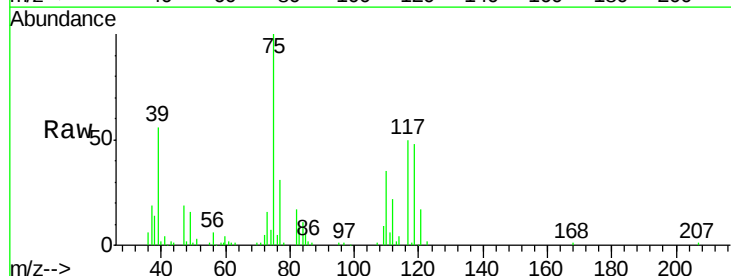
Manual Integrations  
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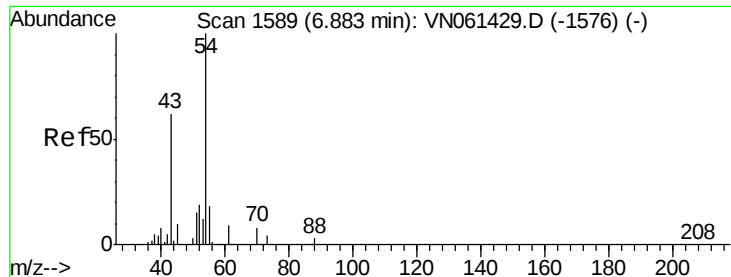
apatel  
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#36  
1,1-Dichloropropene  
Concen: 19.248 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 97620 |       |       |
| 110     | 35.3  | 17.3  | 51.9  |       |
| 77      | 31.3  | 24.9  | 37.3  |       |





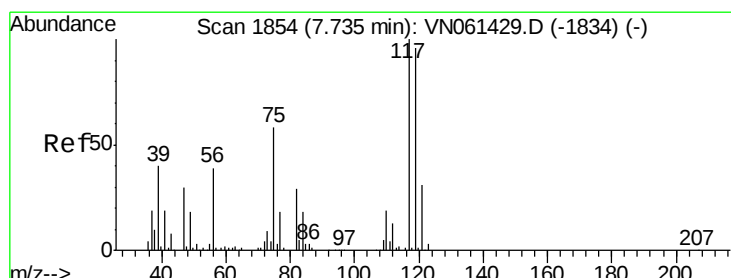
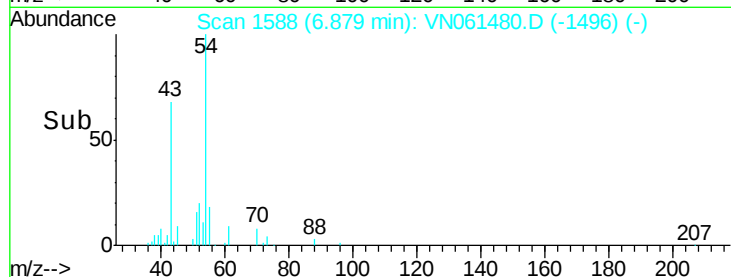
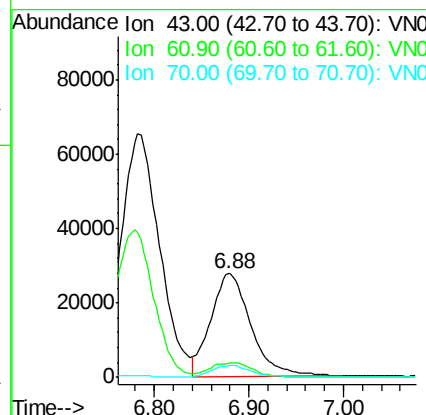
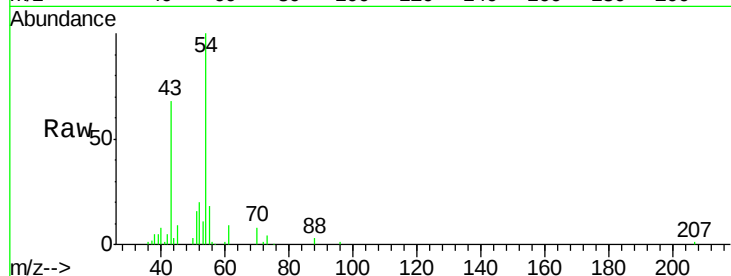
#37  
Ethyl Acetate  
Concen: 17.703 ug/l  
RT: 6.88 min Scan# 1588  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | 43  | 61   | 70   | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 81425   | 100 | 14.3 | 11.5 |       | 11.7  | 17.5  |
|         |     |      |      |       | 9.2   | 13.8  |

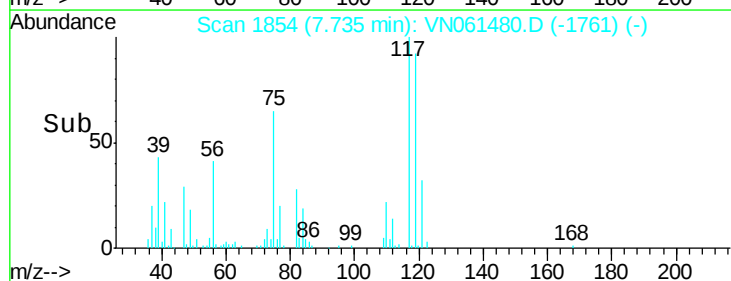
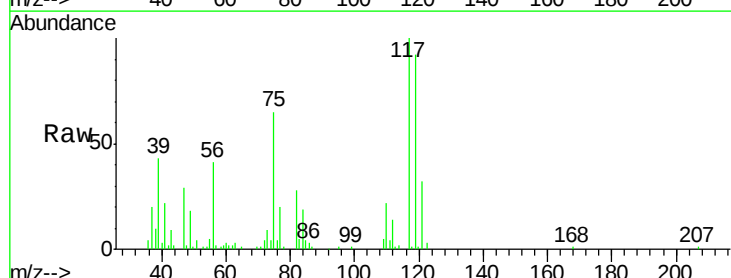
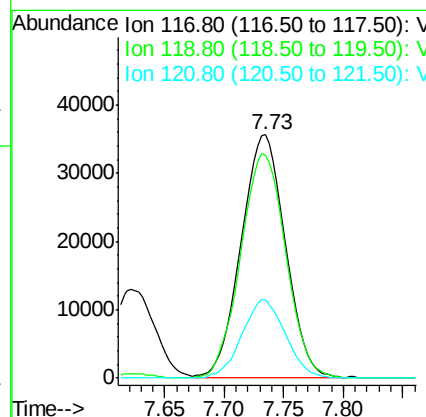
Manual Integrations  
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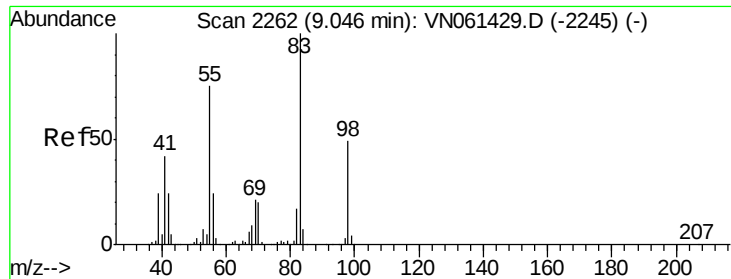
apatel  
5/22/2020 11:28:55 AM



#38  
Carbon Tetrachloride  
Concen: 19.719 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | 117 | 119  | 121  | Ratio | Lower | Upper |
|---------|-----|------|------|-------|-------|-------|
| 92087   | 100 | 91.8 | 32.2 |       | 77.0  | 115.6 |
|         |     |      |      |       | 24.7  | 37.1  |





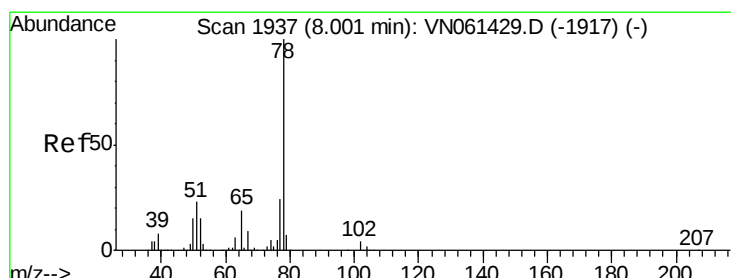
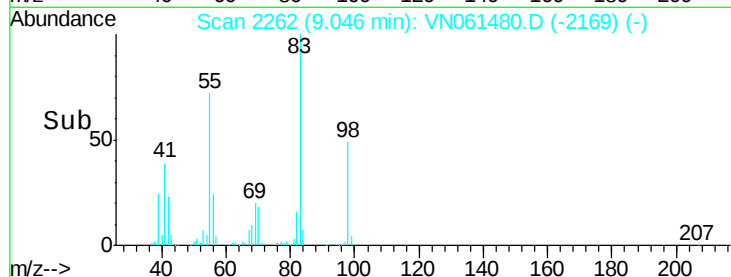
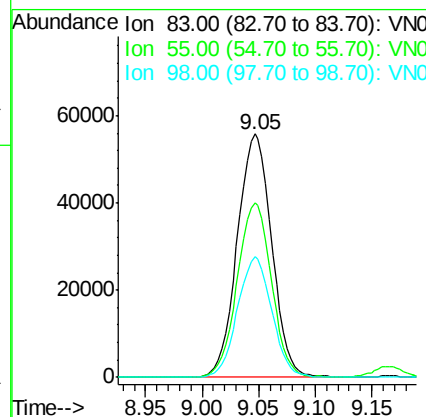
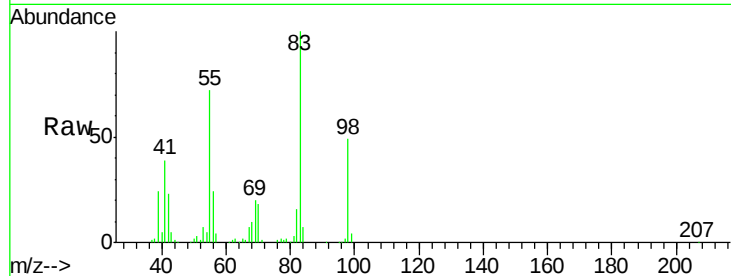
#39  
Methvlcvclohexane  
Concen: 19.077 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 71.8  | 59.7 | 89.5  |       |
| 98      | 49.4  | 38.9 | 58.3  |       |

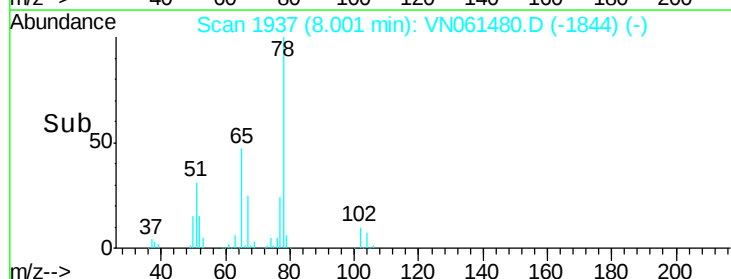
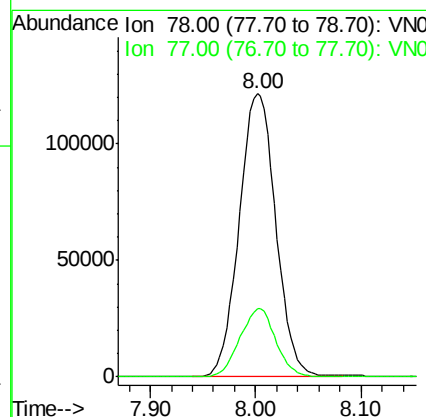
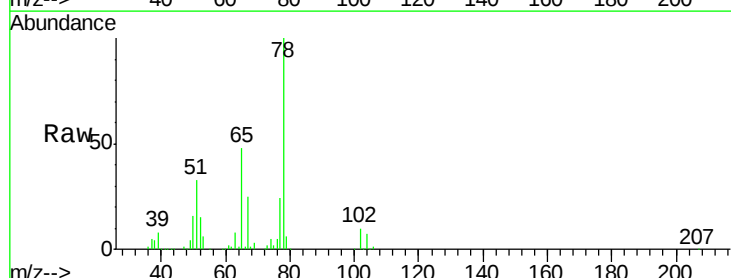
Manual Integrations  
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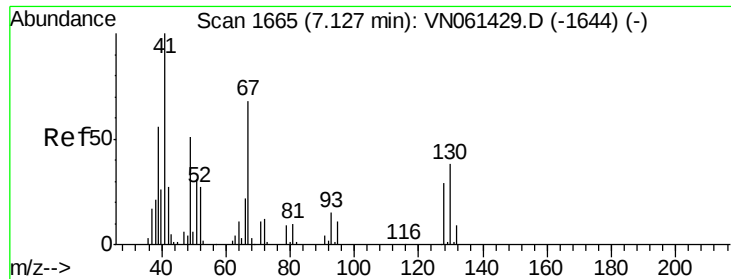
apatel  
5/22/2020 11:28:55 AM



#40  
Benzene  
Concen: 19.186 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 24.1  | 19.1 | 28.7  |       |





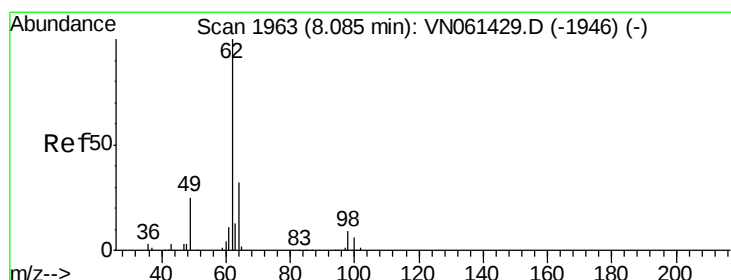
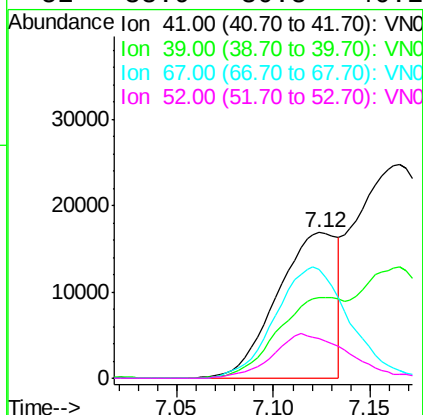
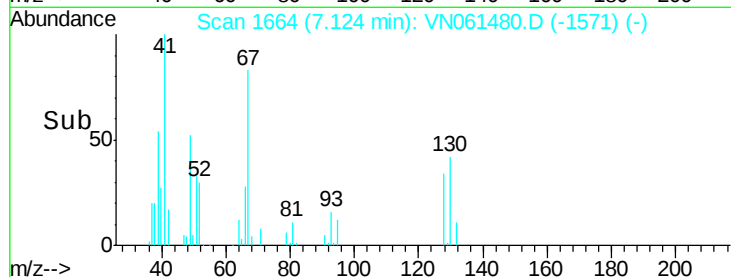
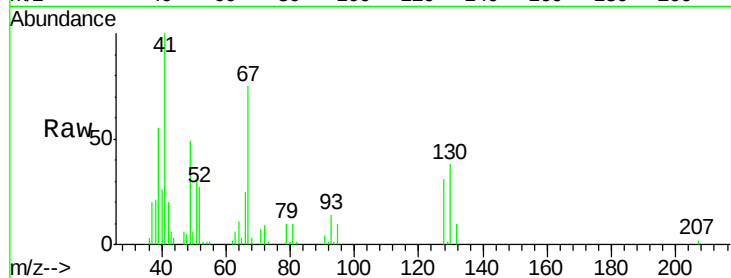
#41  
Methacrylonitrile  
Concen: 18.840 ug/l  
RT: 7.12 min Scan# 1664  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 36600 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.8  | 48.3  | 72.5  |
| 67       | 94.5  | 74.2  | 111.4 |
| 52       | 38.9  | 30.8  | 46.2  |

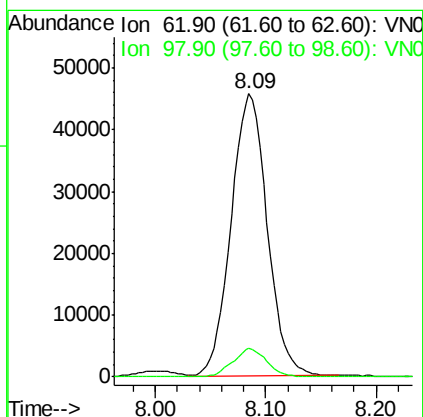
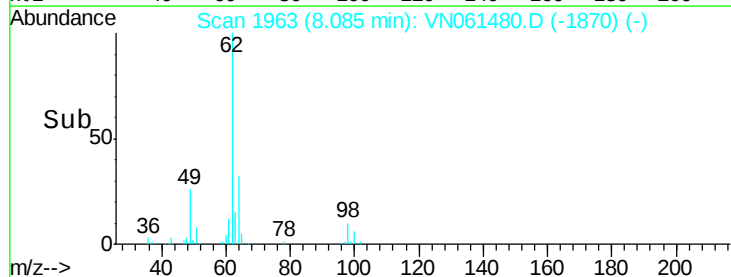
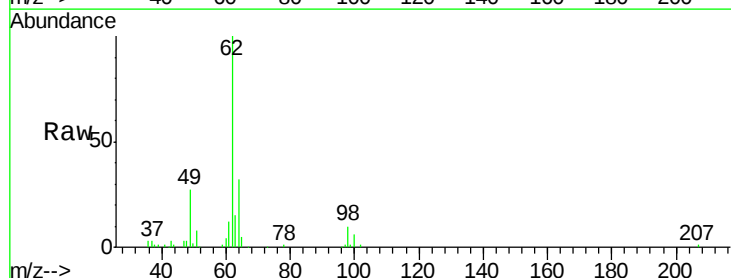
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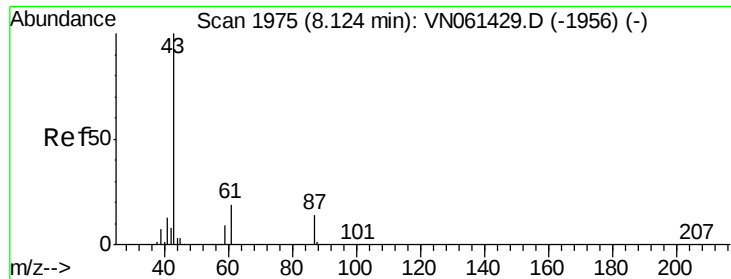
apatel  
5/22/2020 11:28:55 AM



#42  
1,2-Dichloroethane  
Concen: 18.872 ug/l  
RT: 8.09 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 103922 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.5   | 0.0   | 18.4   |





#43

Isopropyl Acetate

Concen: 17.883 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

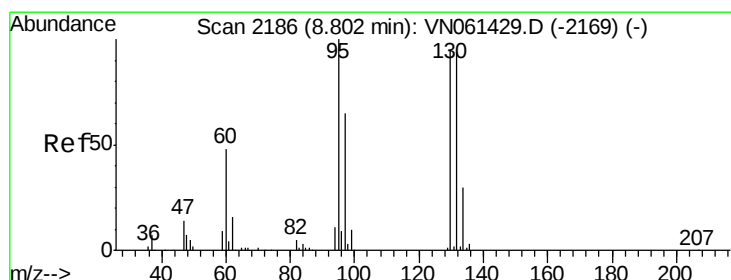
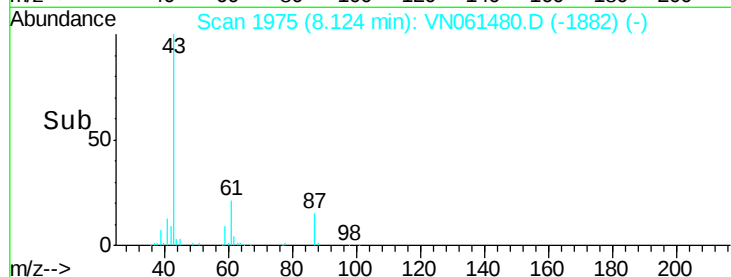
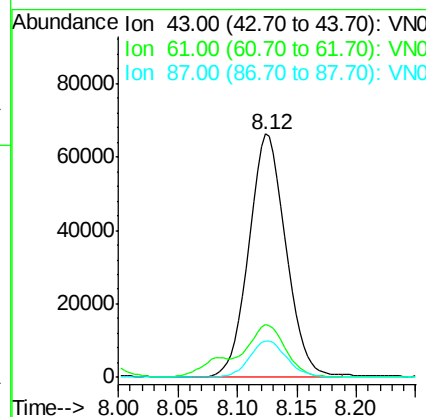
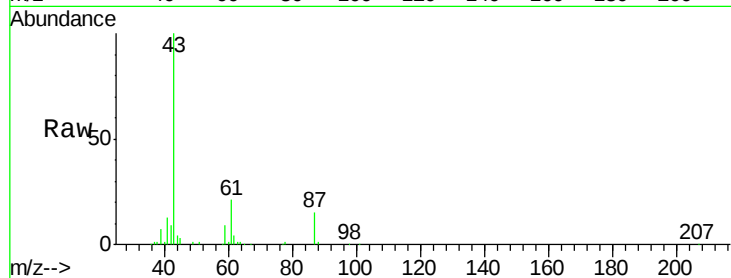
ClientSampleId :

VN0519MBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 43   | Resp: | 143457 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 21.2 | 23.0  | 34.4#  |
| 87        | 14.9 | 11.6  | 17.4   |

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#44

Trichloroethene

Concen: 20.234 ug/l

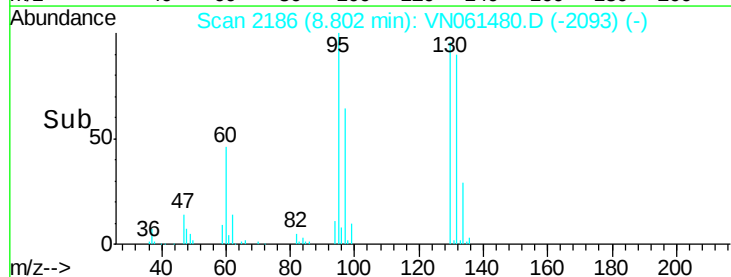
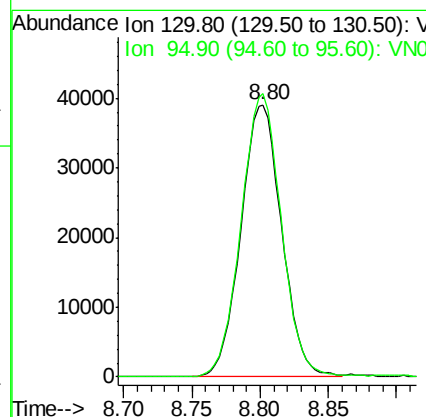
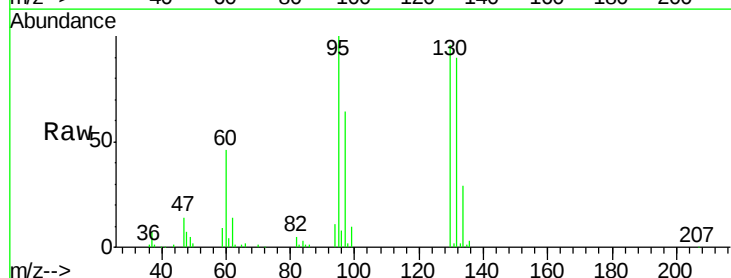
RT: 8.80 min Scan# 2186

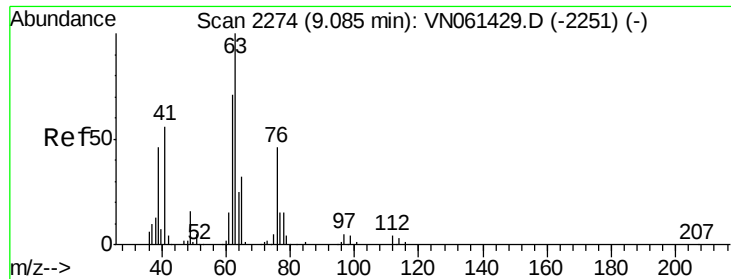
Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 81034 |
| Ion Ratio |       | Lower | Upper |
| 130       | 100   |       |       |
| 95        | 103.9 | 0.0   | 209.8 |





#45

1,2-Dichloropropane

Concen: 18.921 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion: 63 Resp: 72383

Ion Ratio Lower Upper

63 100

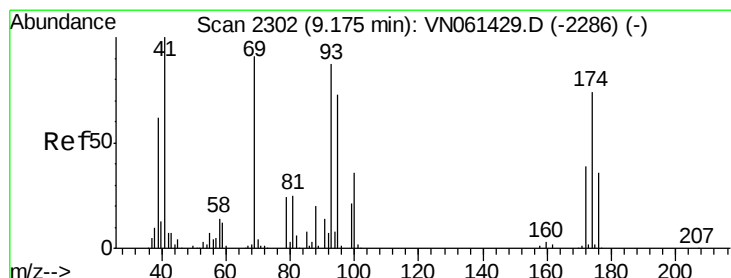
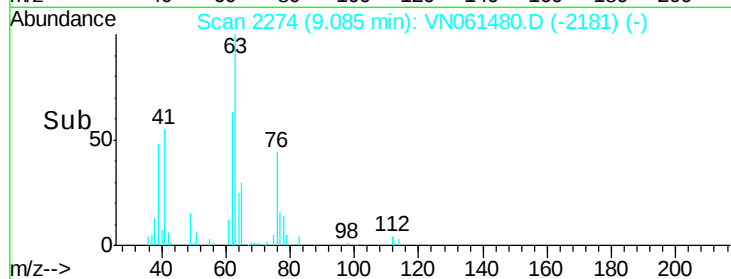
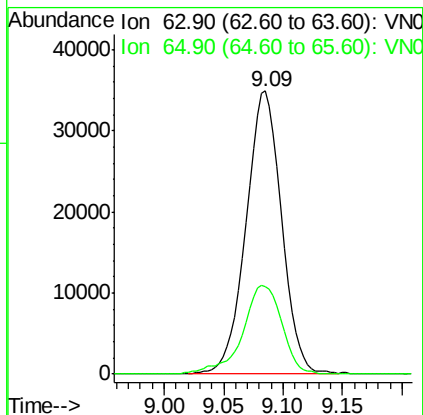
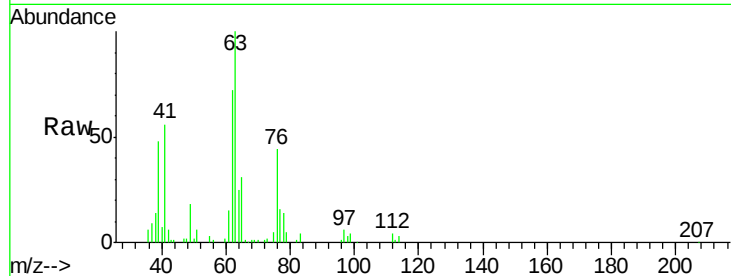
65 31.1 25.2 37.8

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#46

Dibromomethane

Concen: 19.136 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

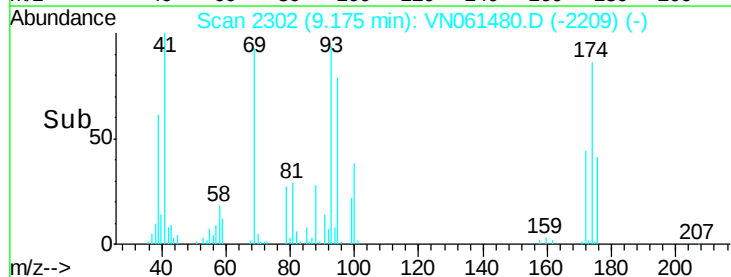
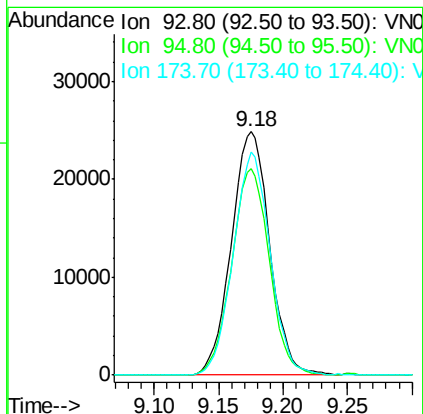
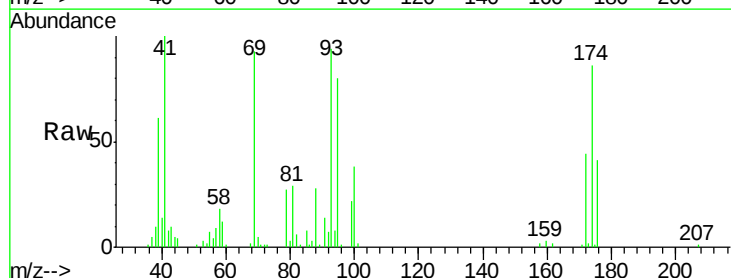
Tgt Ion: 93 Resp: 51320

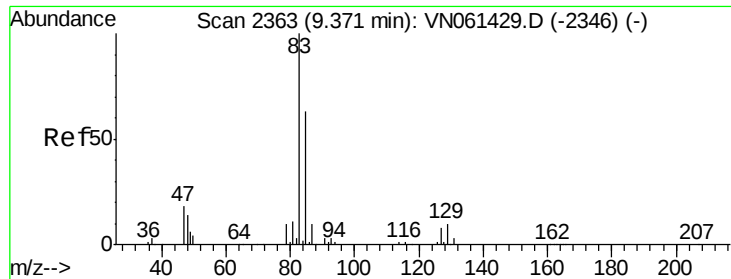
Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

174 88.3 68.0 102.0





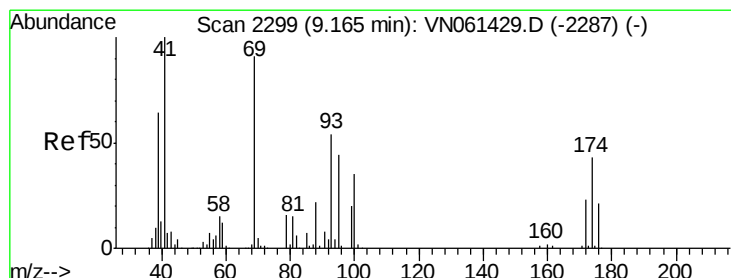
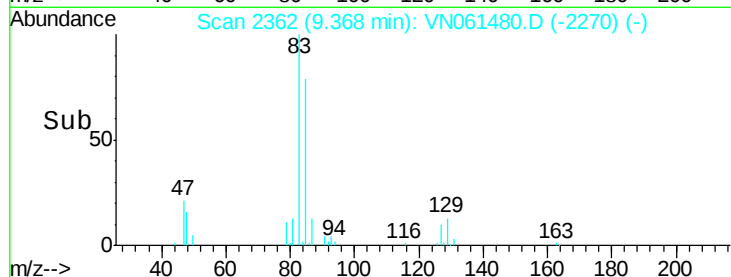
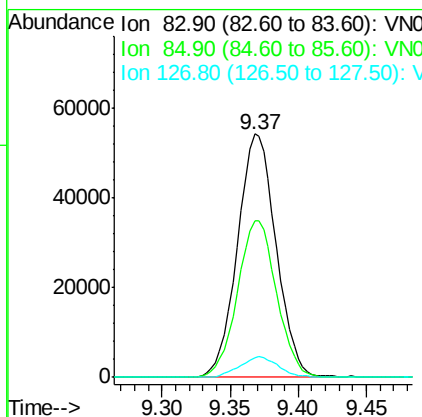
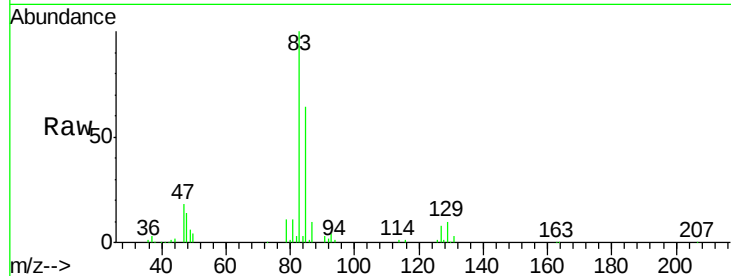
#47  
Bromodichloromethane  
Concen: 18.912 ug/l  
RT: 9.37 min Scan# 2362  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 50.6  | 76.0  |
| 127     | 8.1   | 6.1   | 9.1   |

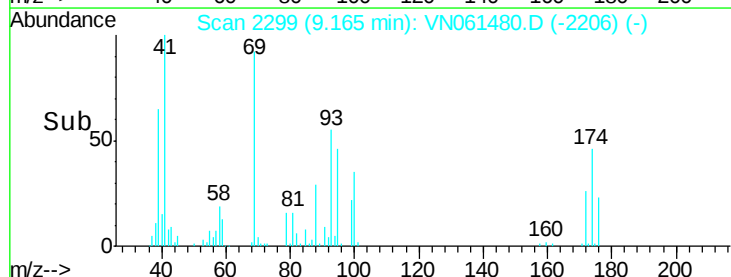
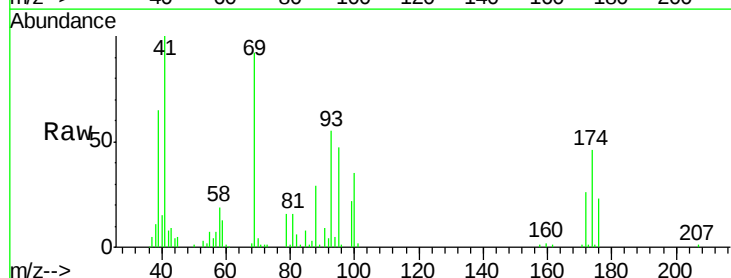
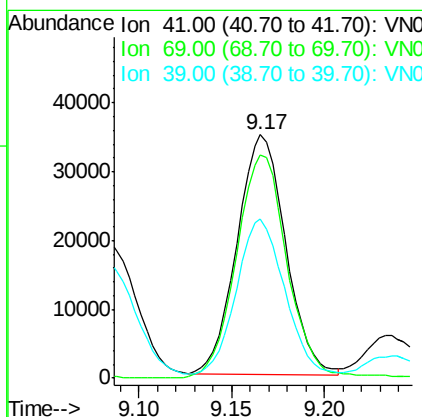
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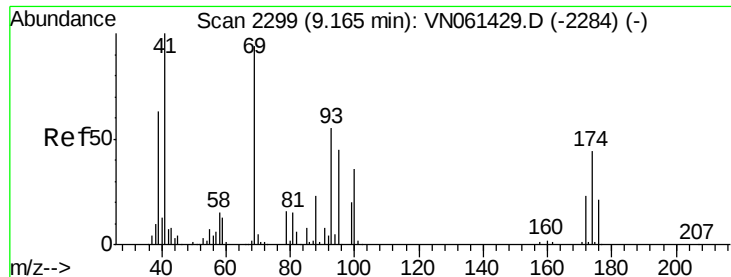
apatel  
5/22/2020 11:28:55 AM



#48  
Methyl methacrylate  
Concen: 17.187 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 97.0  | 75.3  | 112.9 |
| 39      | 67.2  | 52.6  | 79.0  |





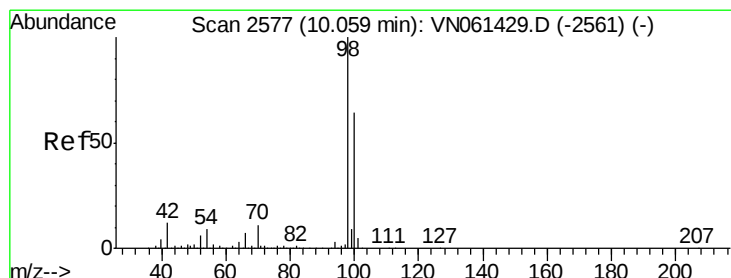
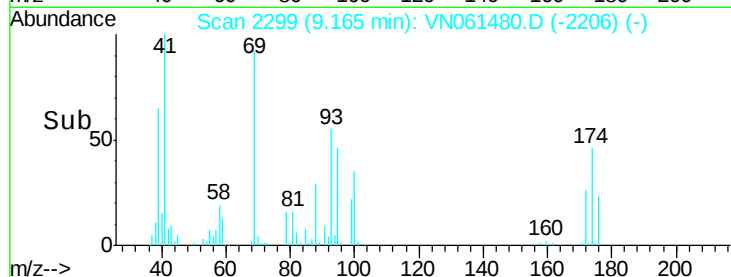
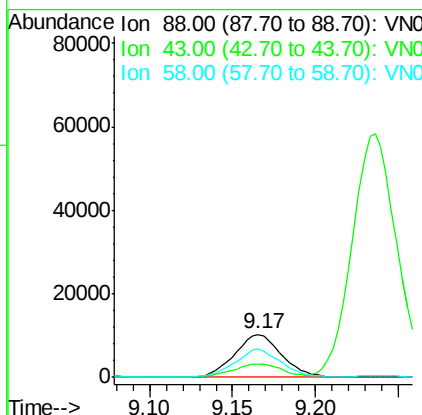
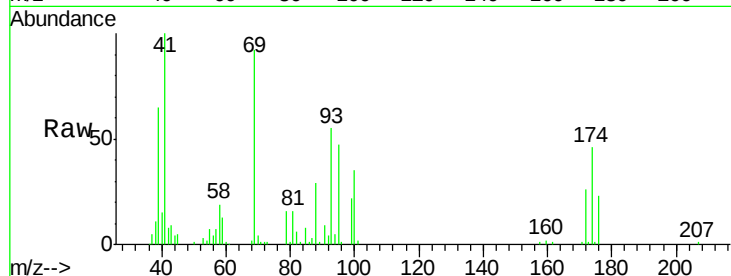
#49  
1,4-Dioxane  
Concen: 497.632 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.7  | 26.3  | 39.5  |
| 58      | 65.4  | 54.1  | 81.1  |

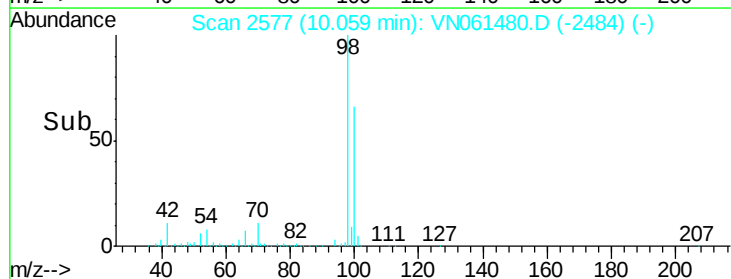
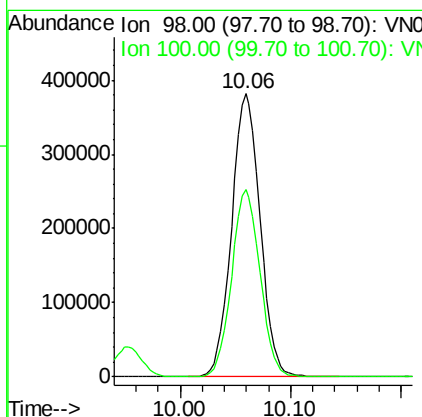
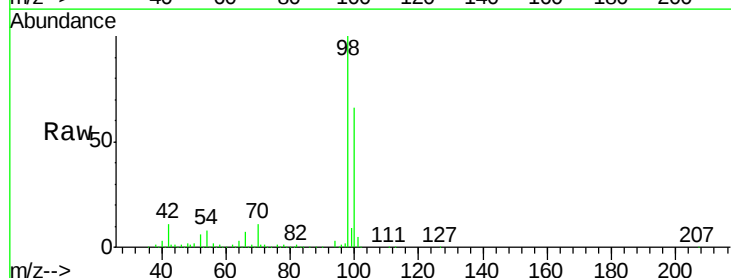
Manual Integrations  
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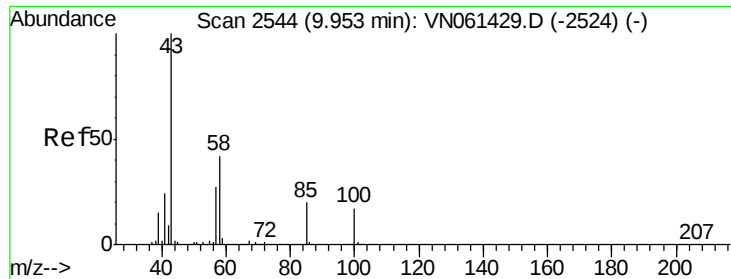
apatel  
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#50  
Toluene-d8  
Concen: 51.946 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.6  | 51.8  | 77.8  |





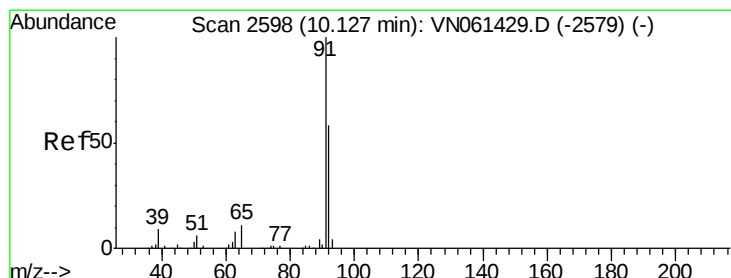
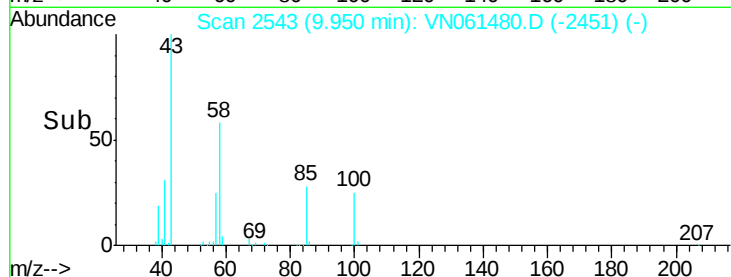
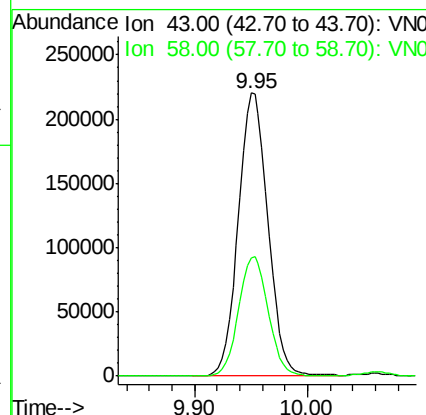
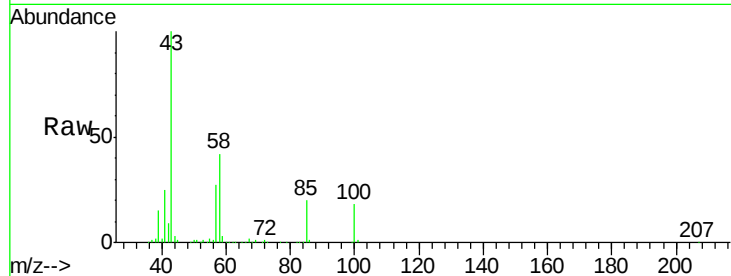
#51  
4-Methyl-2-Pentanone  
Concen: 92.213 ug/l  
RT: 9.95 min Scan# 2543  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

Tot Ion: 43 Resp: 402973  
Ion Ratio Lower Upper  
43 100  
58 42.2 33.4 50.2

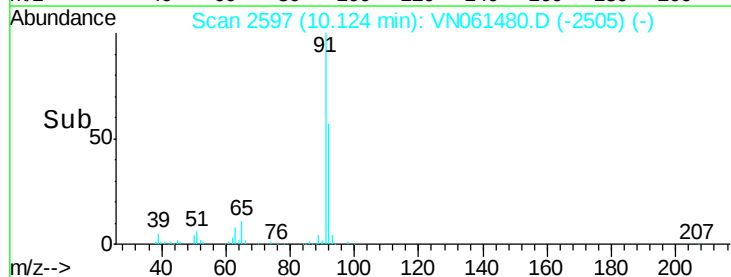
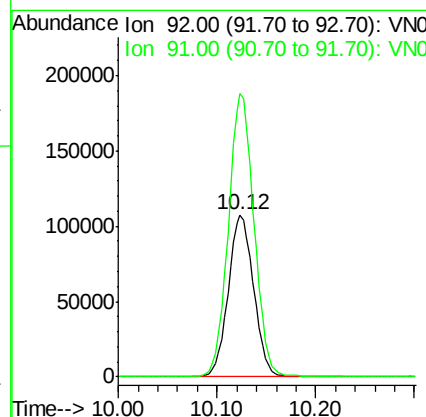
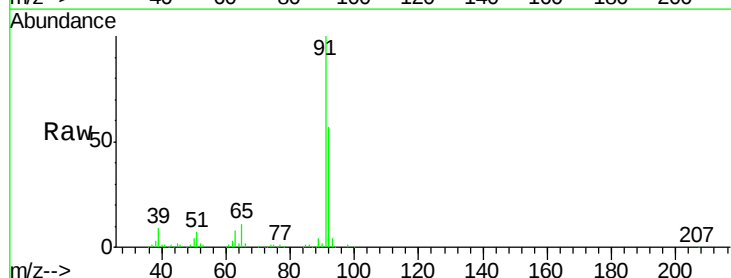
Manual Integrations  
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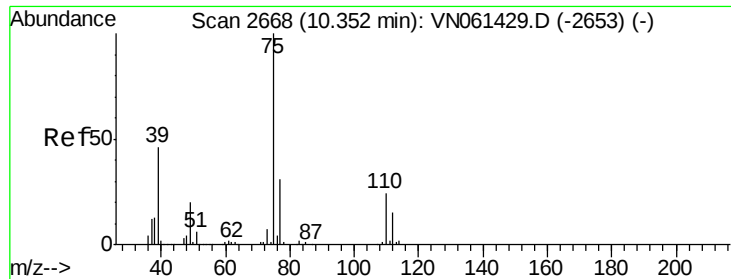
apatel  
5/22/2020 11:28:55 AM



#52  
Toluene  
Concen: 19.665 ug/l  
RT: 10.12 min Scan# 2597  
Delta R.T. -0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Tgt Ion: 92 Resp: 192966  
Ion Ratio Lower Upper  
92 100  
91 176.1 138.0 207.0





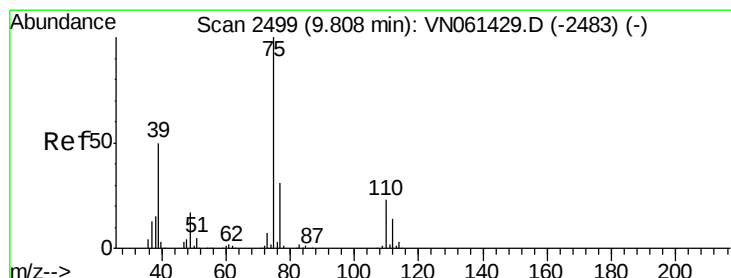
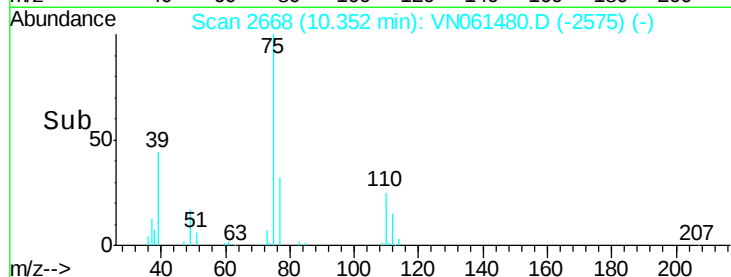
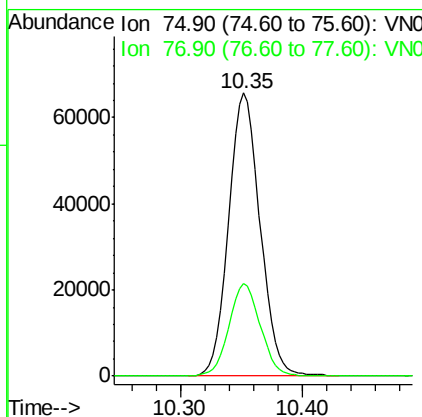
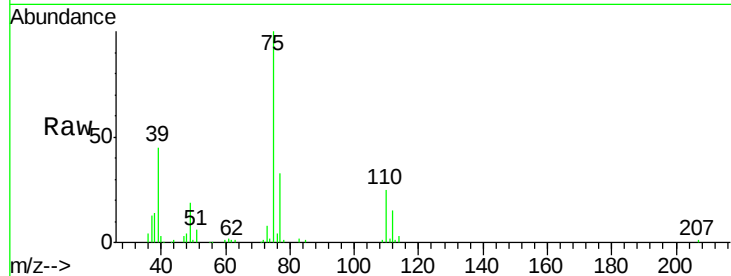
#53  
t-1,3-Dichloropropene  
Concen: 19.094 ug/l  
RT: 10.35 min Scan# 2668  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.6  | 24.8  | 37.2  |

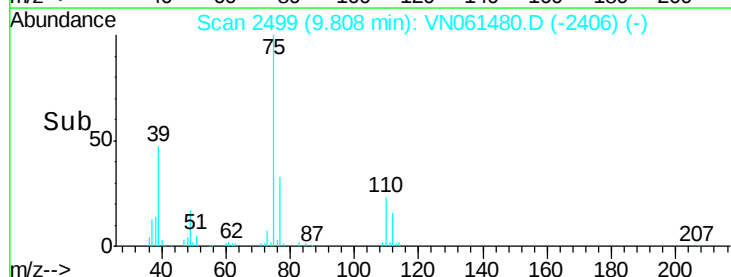
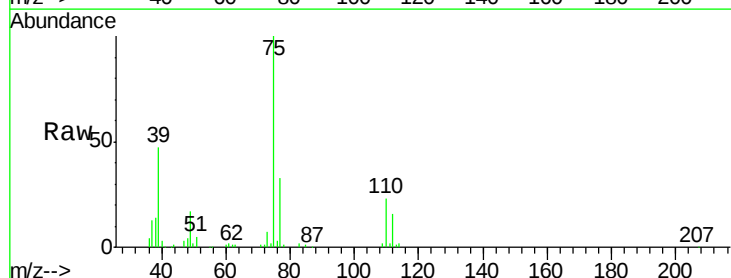
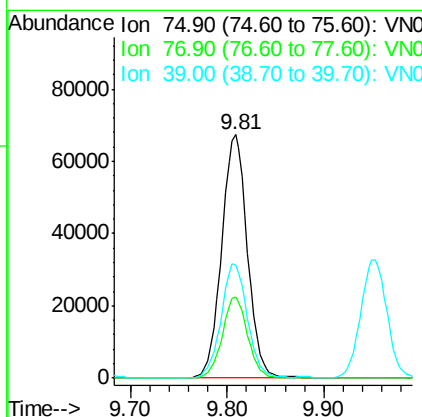
Manual Integrations  
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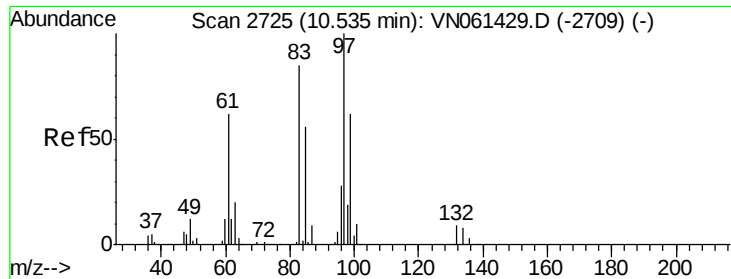
apatel  
5/22/2020 11:28:55 AM



#54  
cis-1,3-Dichloropropene  
Concen: 18.932 ug/l  
RT: 9.81 min Scan# 2499  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.2  | 24.8  | 37.2  |
| 39      | 46.5  | 39.8  | 59.6  |





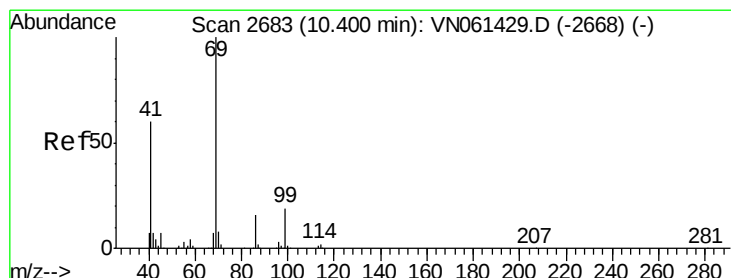
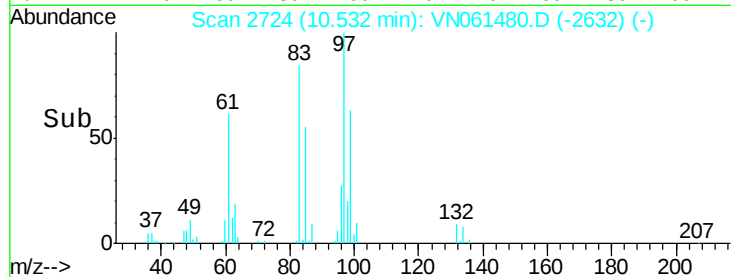
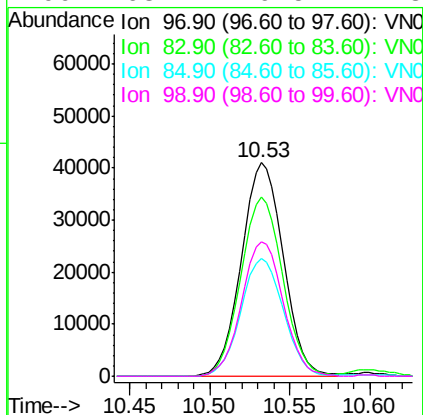
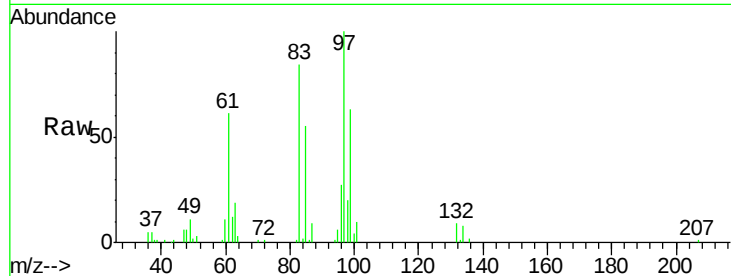
#55  
 1,1,2-Trichloroethane  
 Concen: 19.771 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 73345 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.2  | 68.2  | 102.4 |
| 85       | 55.4  | 44.6  | 67.0  |
| 99       | 63.2  | 49.5  | 74.3  |

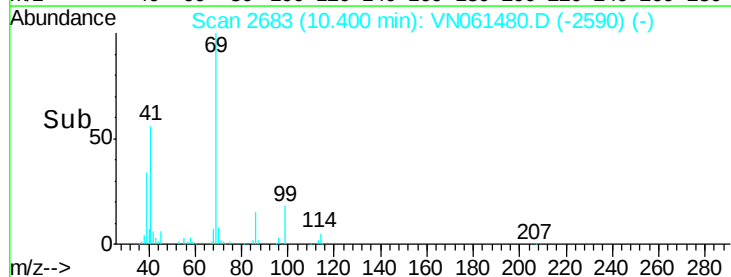
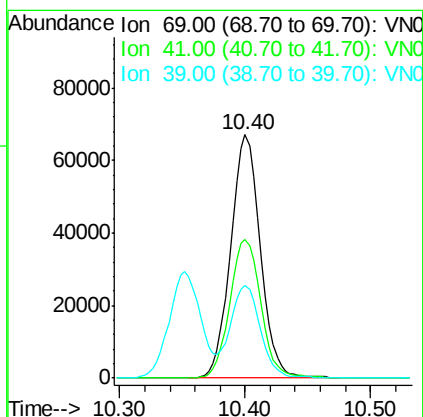
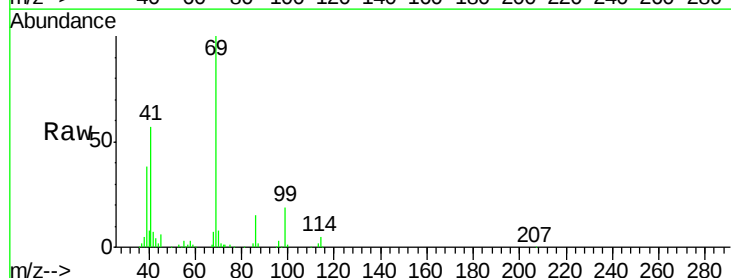
Manual Integrations  
 APPROVED

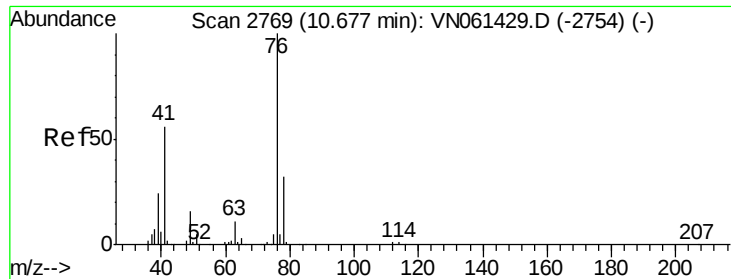
apatel  
 5/22/2020 11:28:55 AM



#56  
 Ethyl methacrylate  
 Concen: 19.044 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 110453 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.7  | 48.3  | 72.5   |
| 39       | 38.0  | 30.2  | 45.2   |





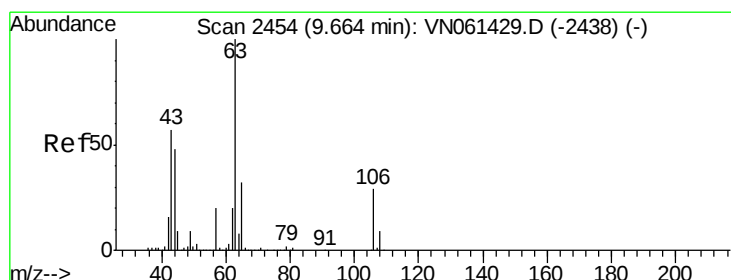
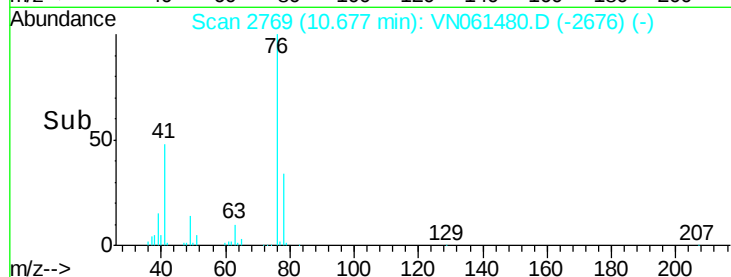
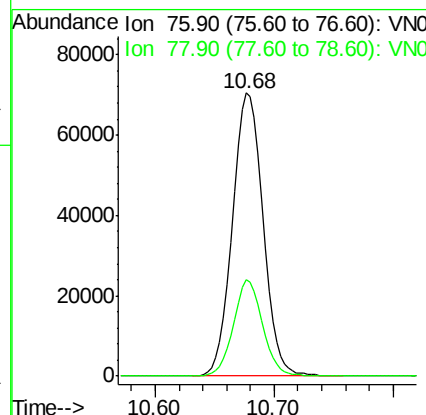
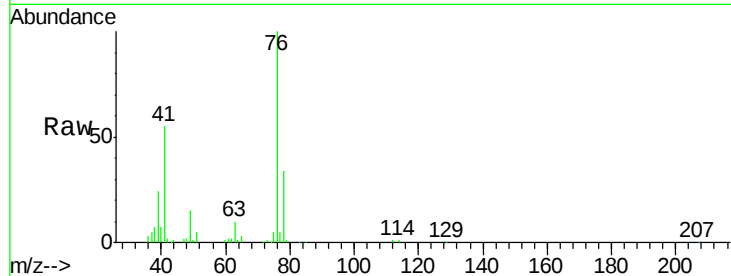
#57  
 1,3-Dichloropropane  
 Concen: 19.638 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 26.0  | 39.0  |

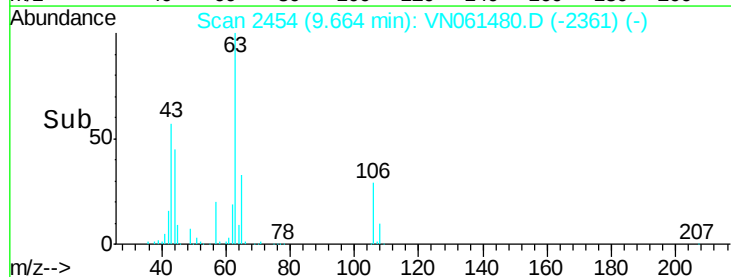
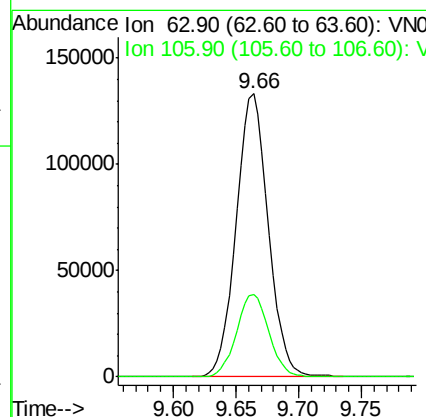
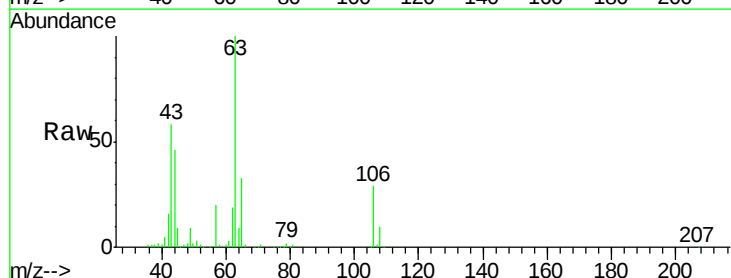
Manual Integrations  
 APPROVED

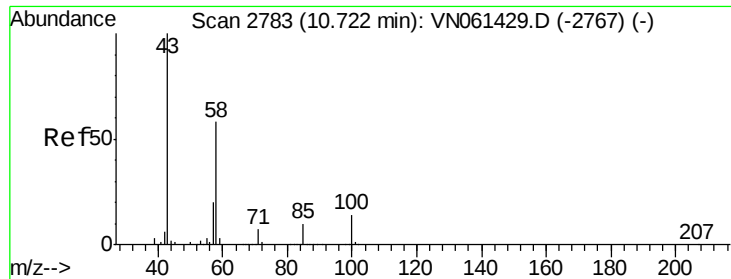
apatel  
 5/22/2020 11:28:55 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 93.173 ug/l  
 RT: 9.66 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.4  | 22.7  | 34.1  |





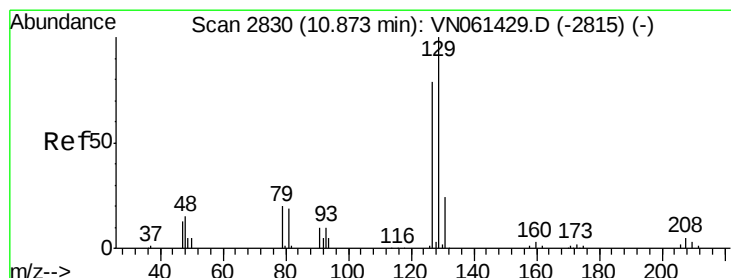
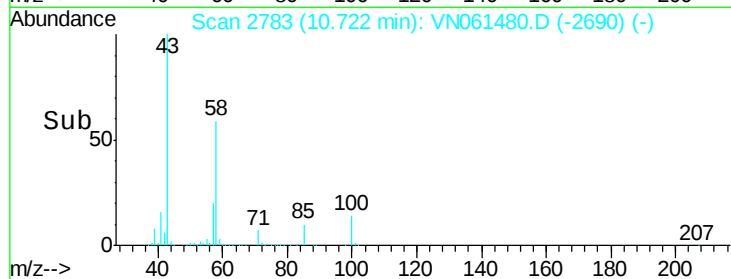
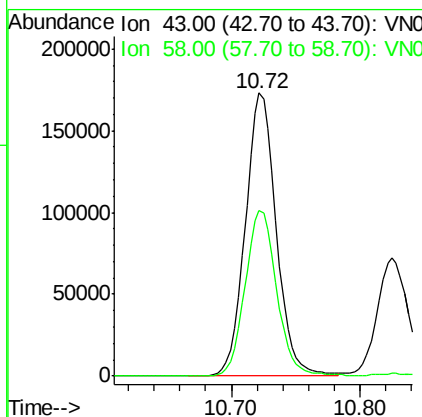
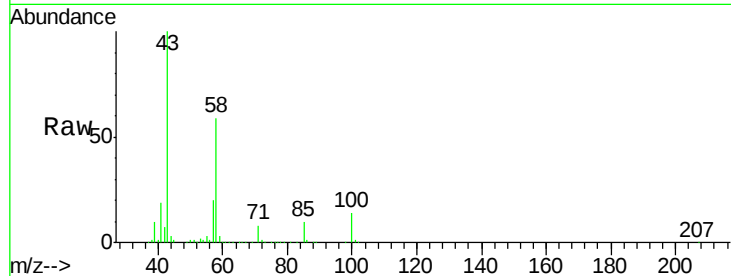
#59  
2-Hexanone  
Concen: 91.574 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

Tot Ion: 43 Resp: 289526  
Ion Ratio Lower Upper  
43 100  
58 59.9 29.2 87.6

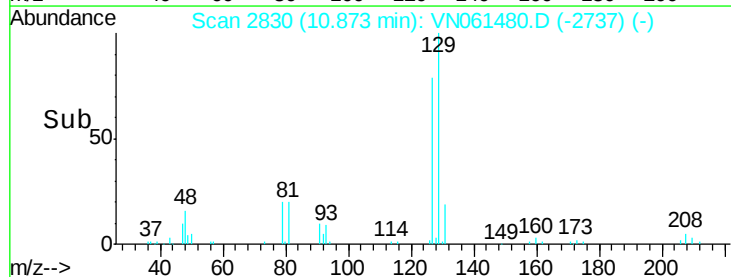
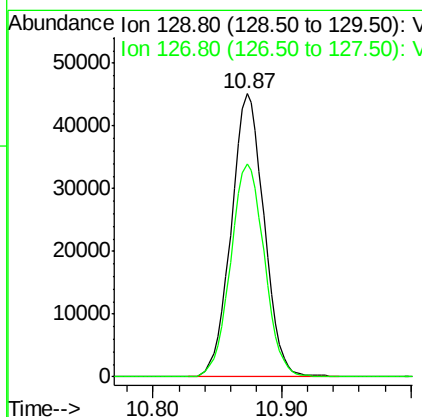
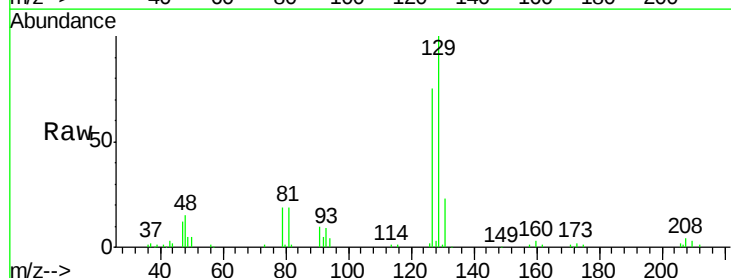
Manual Integrations  
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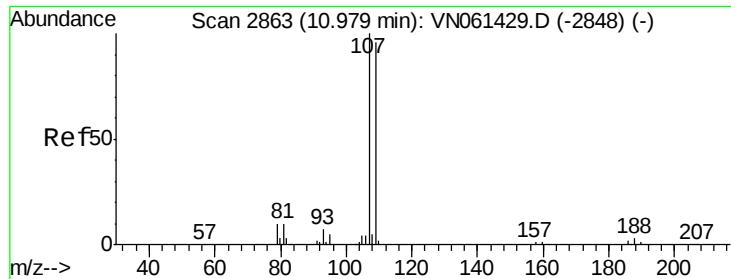
apatel  
5/22/2020 11:28:55 AM



#60  
Dibromochloromethane  
Concen: 19.476 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Tgt Ion: 129 Resp: 79921  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.3





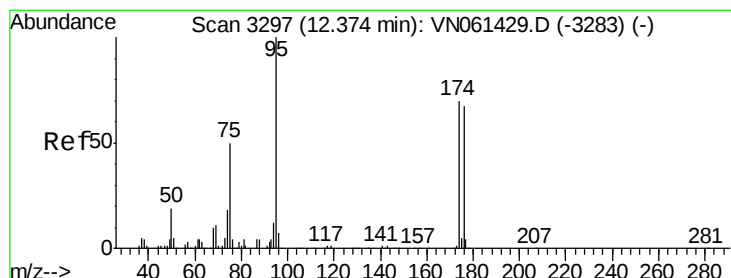
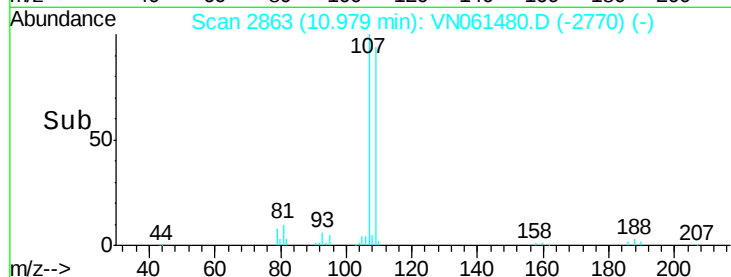
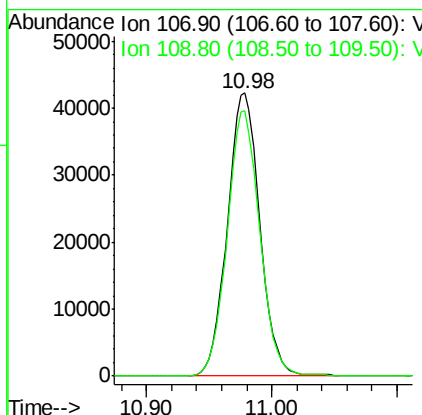
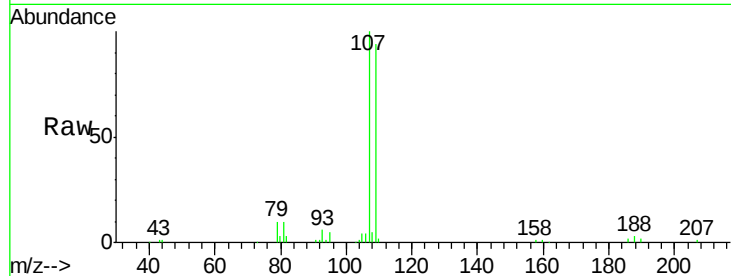
#61  
 1,2-Dibromoethane  
 Concen: 19.499 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.3  | 75.7  | 113.5 |

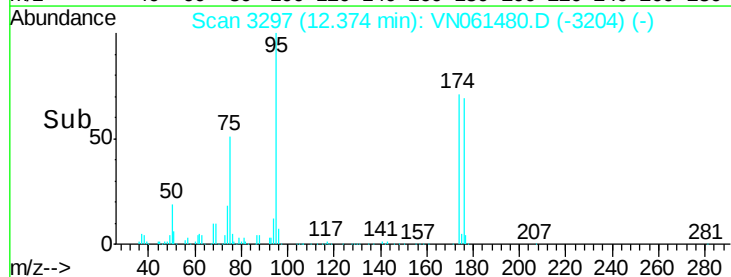
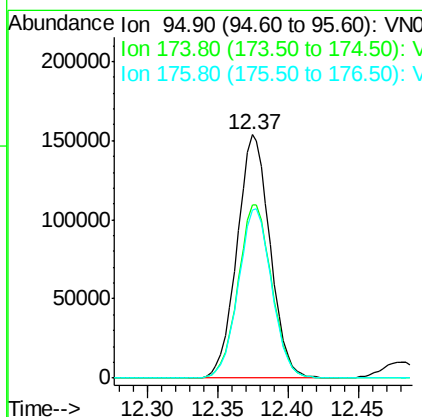
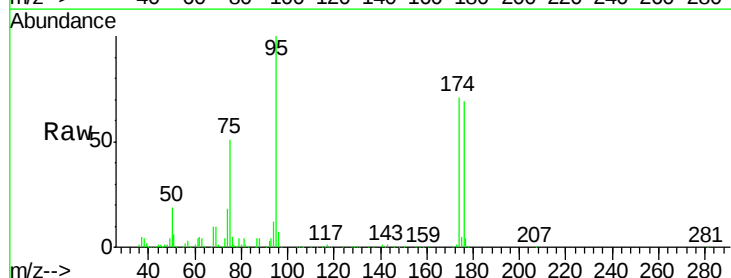
Manual Integrations  
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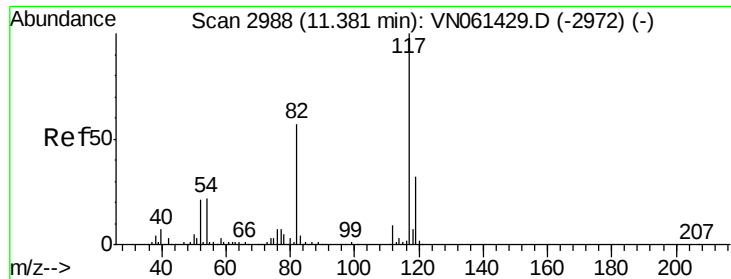
apatel  
 5/22/2020 11:28:55 AM



#62  
 4-Bromofluorobenzene  
 Concen: 51.396 ug/l  
 RT: 12.37 min Scan# 3297  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 72.4  | 0.0   | 141.2 |
| 176     | 70.4  | 0.0   | 137.6 |





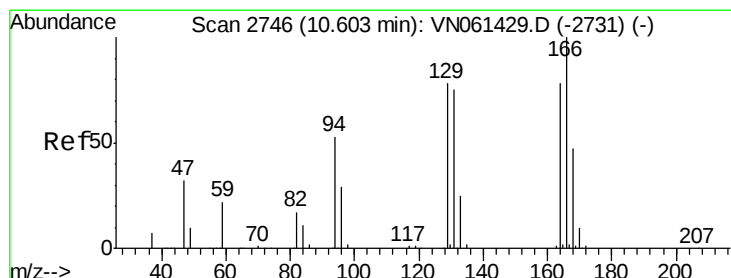
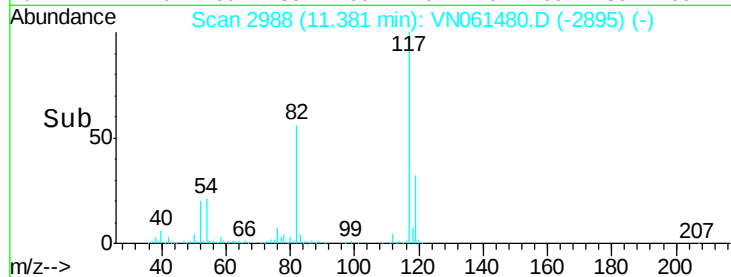
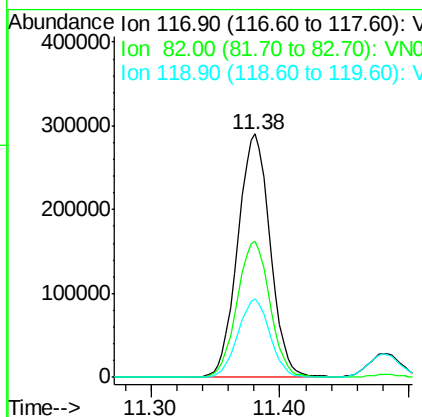
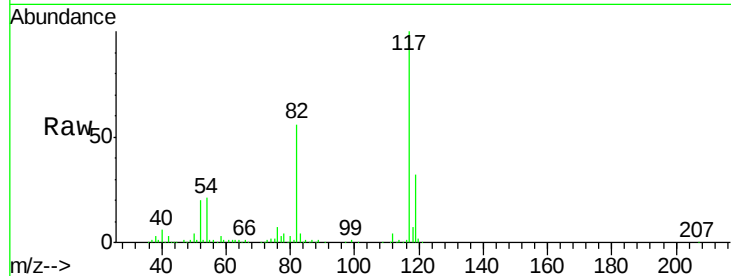
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 82      | 55.7  | 45.2 | 67.8  |       |
| 119     | 32.0  | 25.3 | 37.9  |       |

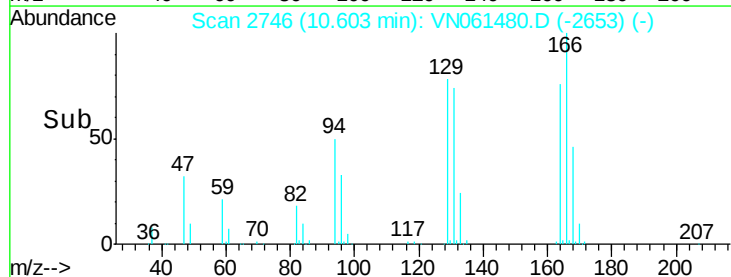
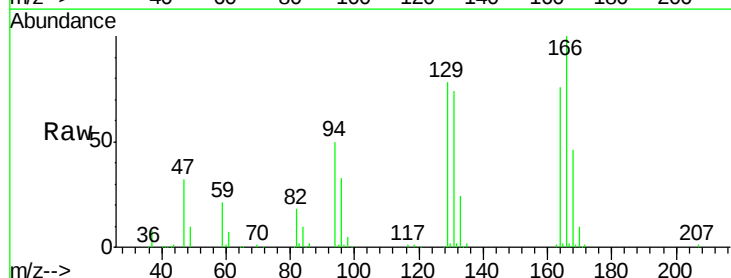
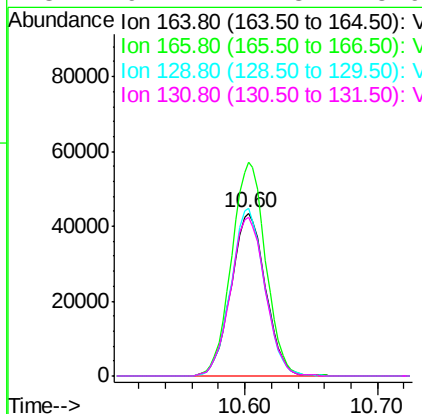
Manual Integrations  
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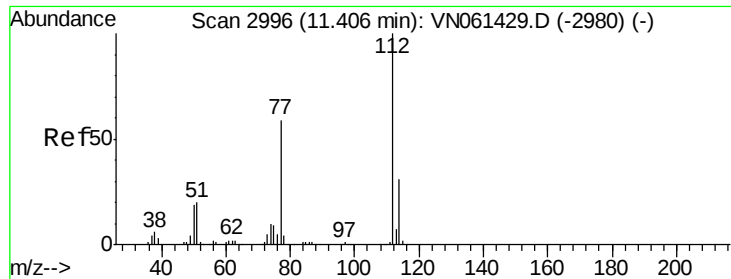
apatel  
5/22/2020 11:28:55 AM



#64  
Tetrachloroethene  
Concen: 19.886 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   |       |       |       |
| 166     | 131.2 | 103.2 | 154.8 |       |
| 129     | 102.6 | 81.0  | 121.4 |       |
| 131     | 97.4  | 77.3  | 115.9 |       |





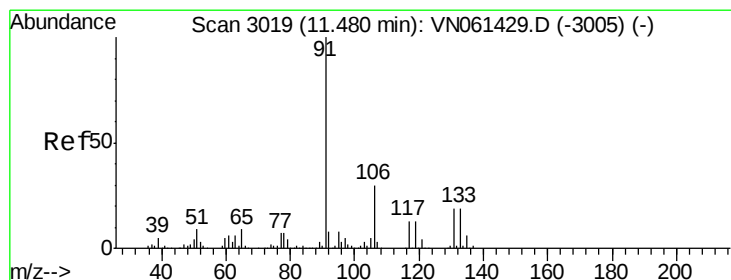
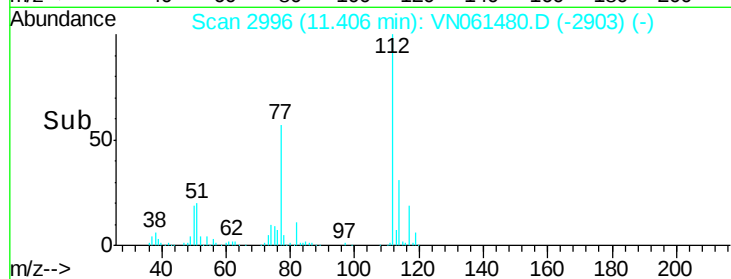
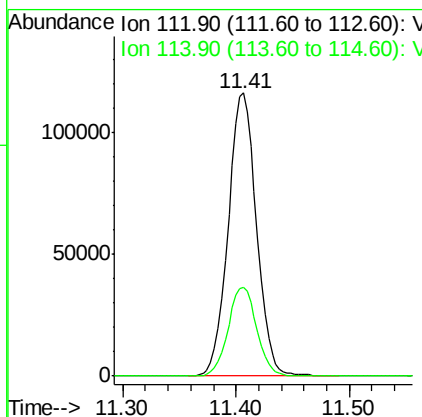
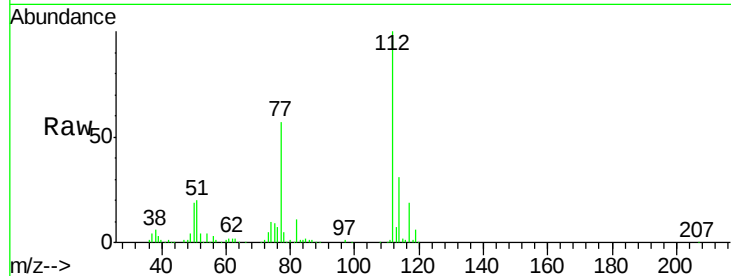
#65  
Chlorobenzene  
Concen: 19.493 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

Tot Ion:112 Resp: 202499  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.0 37.6

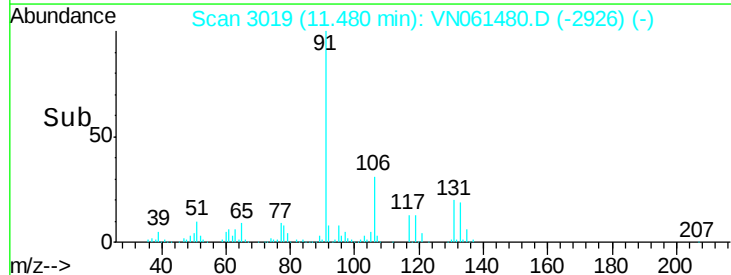
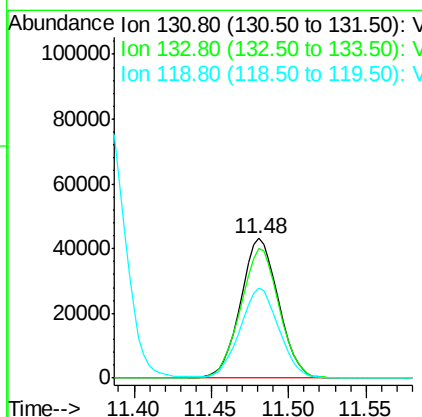
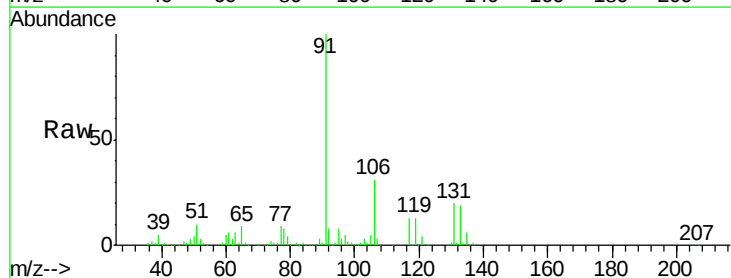
Manual Integrations  
APPROVED

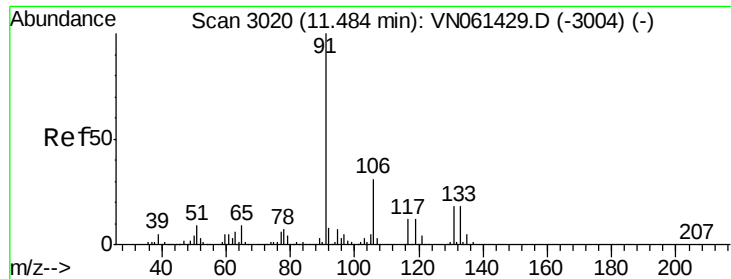
apatel  
5/22/2020 11:28:55 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.784 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Tgt Ion:131 Resp: 73680  
Ion Ratio Lower Upper  
131 100  
133 94.4 48.7 146.1  
119 66.3 33.8 101.3





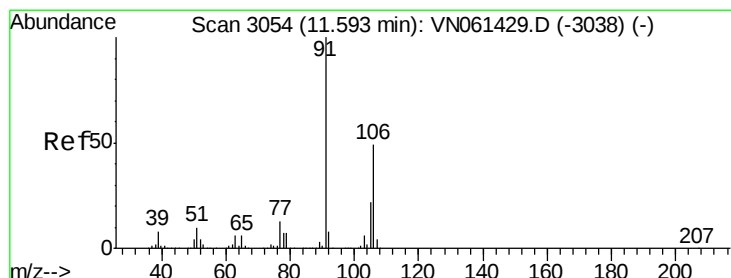
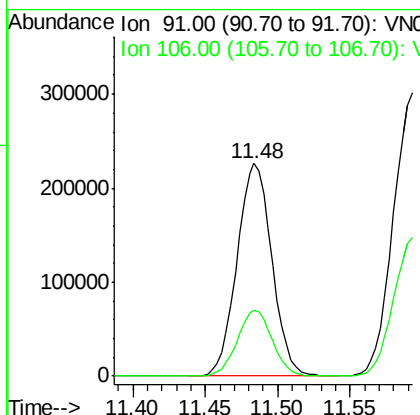
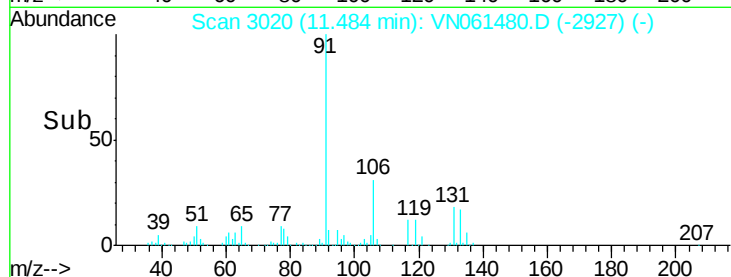
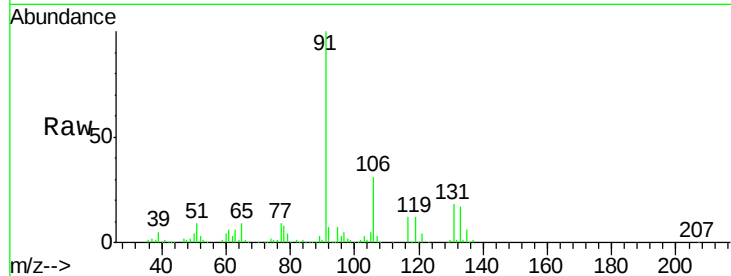
#67  
Ethyl Benzene  
Concen: 19.908 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

Tot Ion: 91 Resp: 377515  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.6 36.8

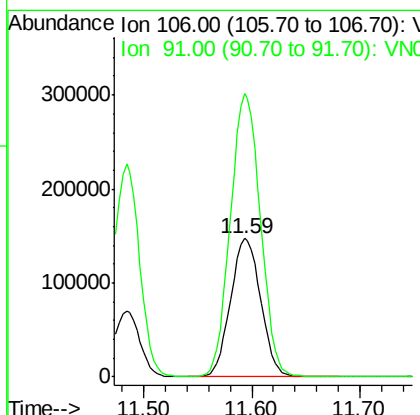
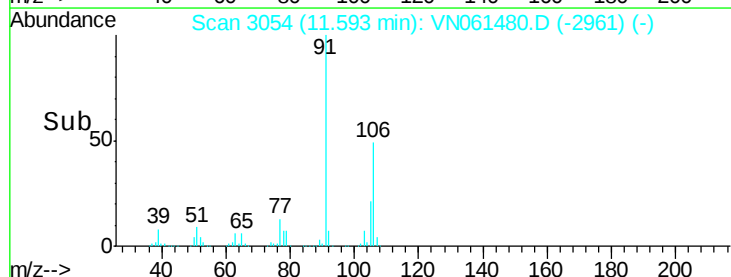
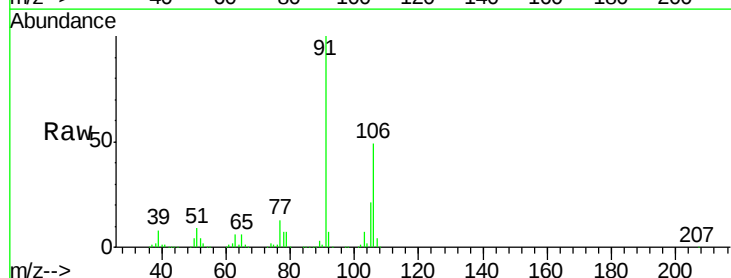
Manual Integrations  
APPROVED

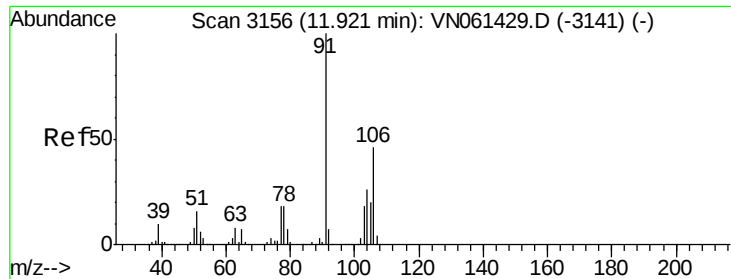
apatel  
5/22/2020 11:28:55 AM



#68  
m/p-Xylenes  
Concen: 39.893 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Tgt Ion: 106 Resp: 287143  
Ion Ratio Lower Upper  
106 100  
91 203.4 163.0 244.6





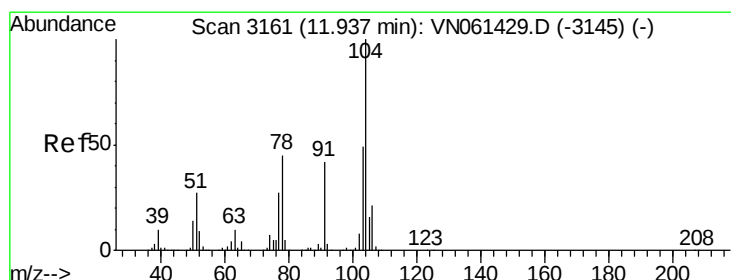
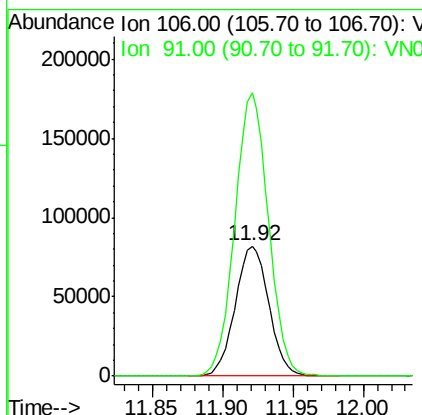
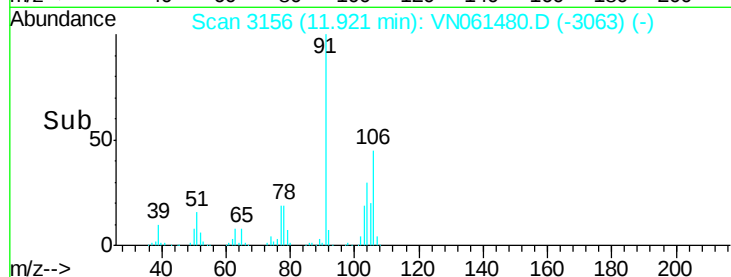
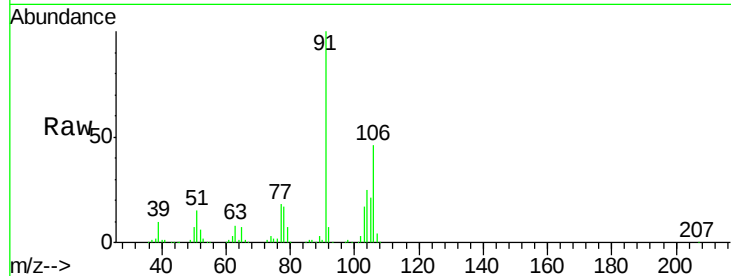
#69  
o-Xylene  
Concen: 19.746 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       |        |       |       |
| 91      | 216.5 | 107.9 | 137541 | 323.7 |       |

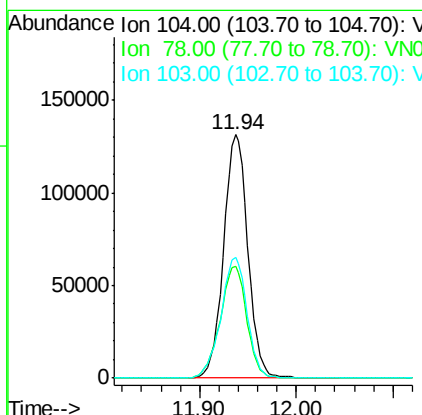
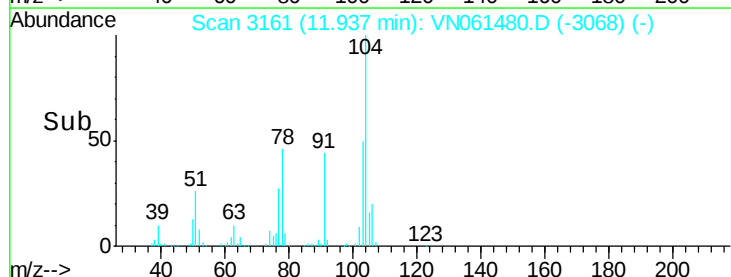
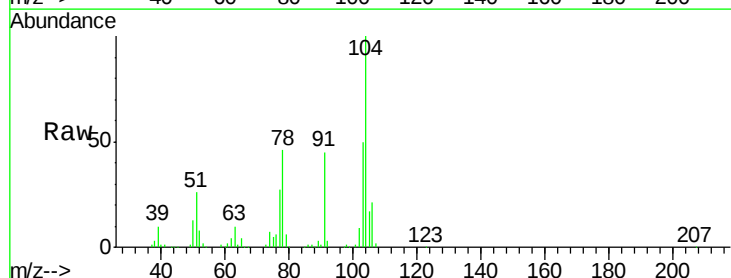
Manual Integrations  
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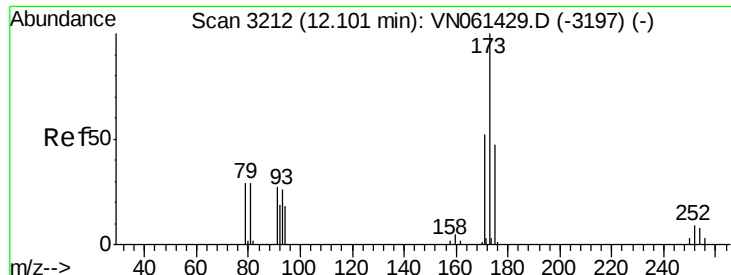
apatel  
5/22/2020 11:28:55 AM



#70  
Styrene  
Concen: 19.811 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       |        |       |       |
| 78      | 50.2 | 40.7  | 228514 | 61.1  |       |
| 103     | 53.5 | 43.0  |        | 64.4  |       |





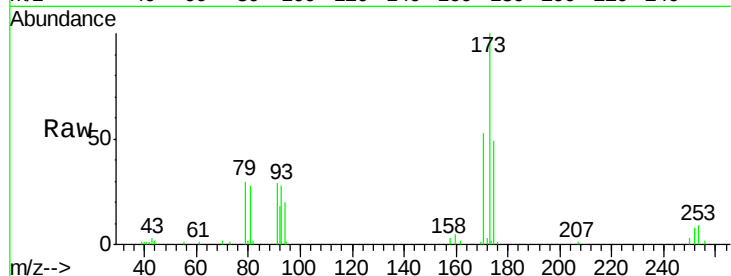
#71  
Bromoform  
Concen: 18.592 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0519MBS01

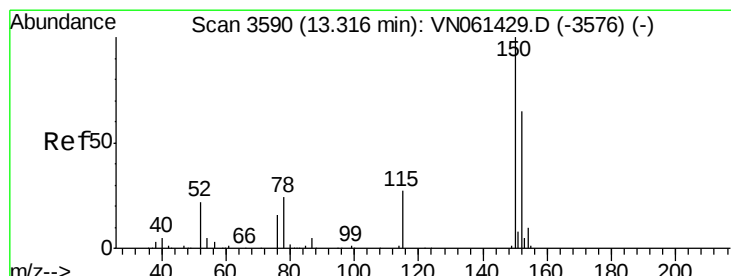
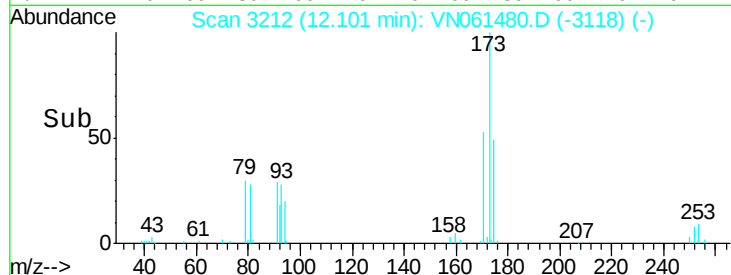
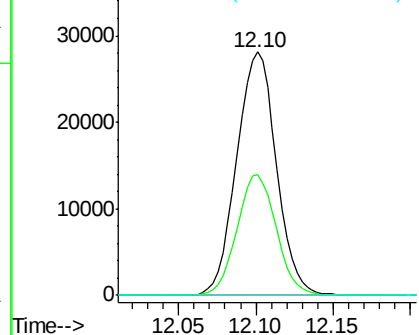
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.0  | 23.9  | 71.8  |
| 254     | 0.0   | 0.0   | 0.0   |

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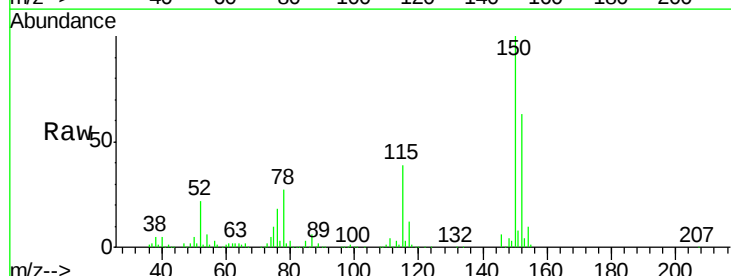


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

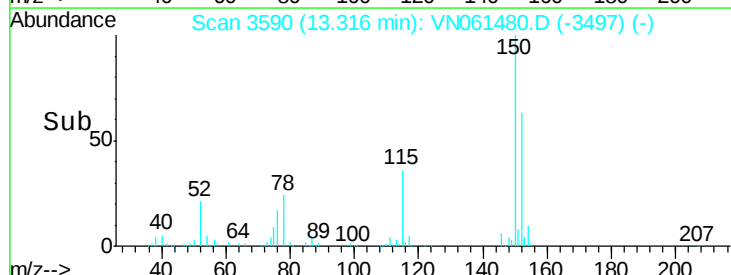
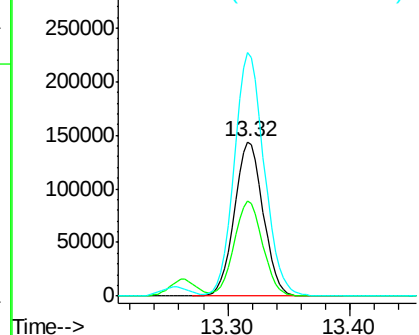


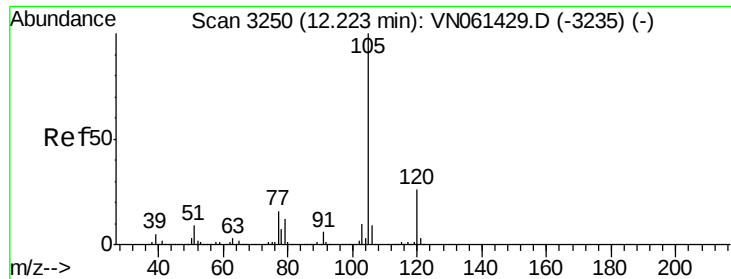
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3590  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.2  | 30.9  | 92.5  |
| 150     | 164.1 | 0.0   | 349.2 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.190 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampleId :

VN0519MBS01

Tot Ion:105 Resp: 364323

Ion Ratio Lower Upper

105 100

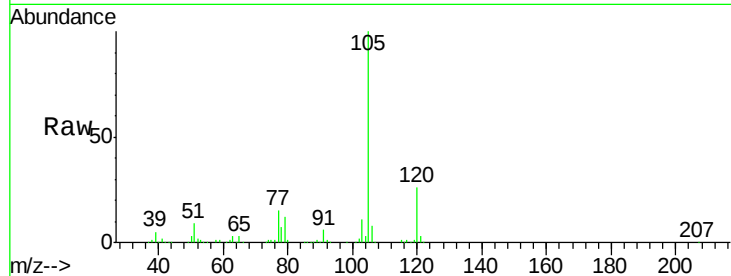
120 26.8 13.0 39.0

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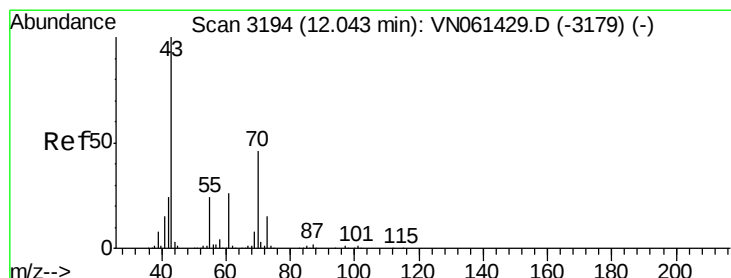
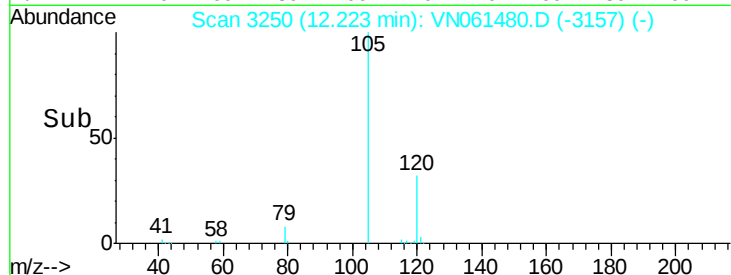
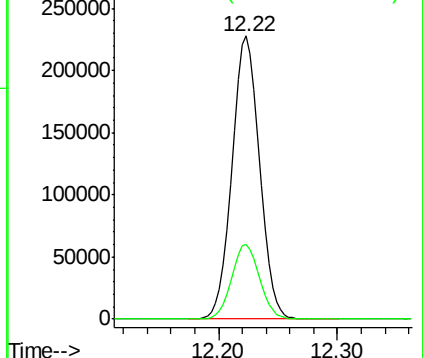
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.544 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Tgt Ion: 43 Resp: 121913

Ion Ratio Lower Upper

43 100

70 47.3 37.0 55.4

55 25.8 19.5 29.3

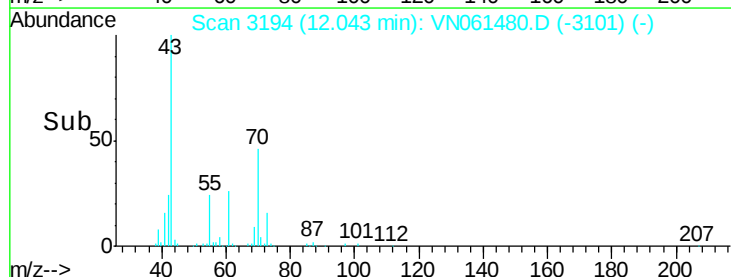
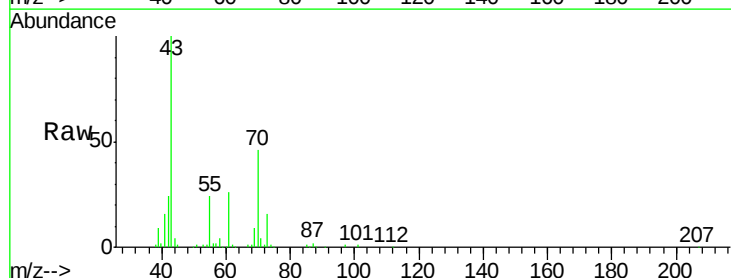
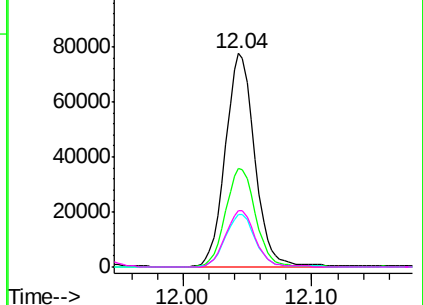
61 26.8 20.8 31.2

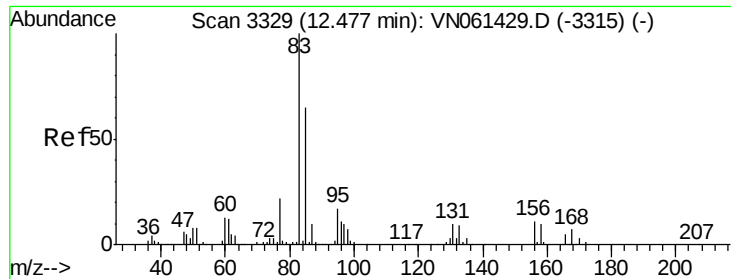
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.516 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

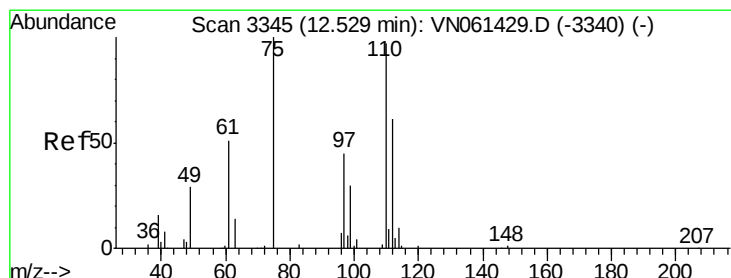
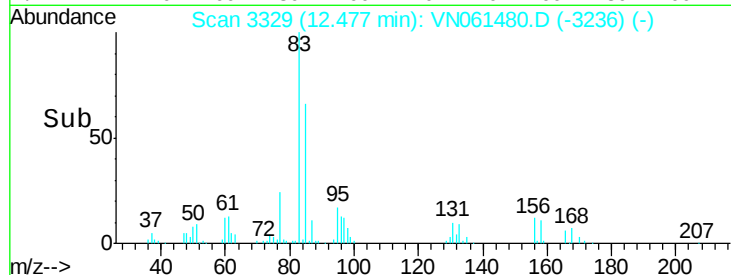
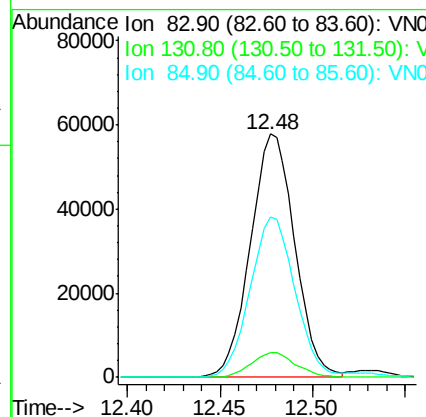
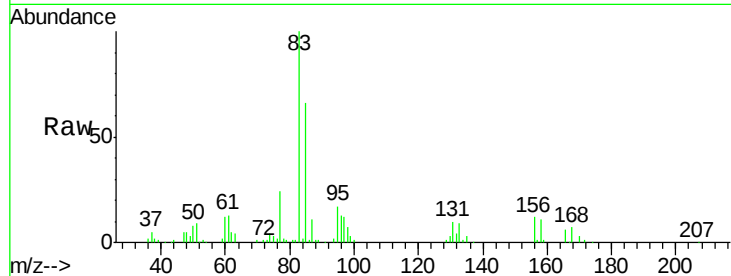
ClientSampleId :

VN0519MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 96714 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.2  | 4.8   | 14.4  |
| 85        | 66.6  | 32.1  | 96.5  |

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#76

1,2,3-Trichloropropane

Concen: 18.008 ug/l m

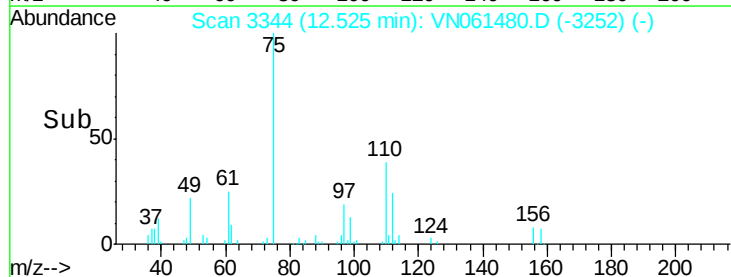
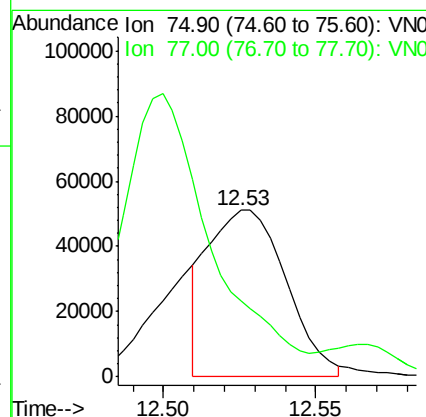
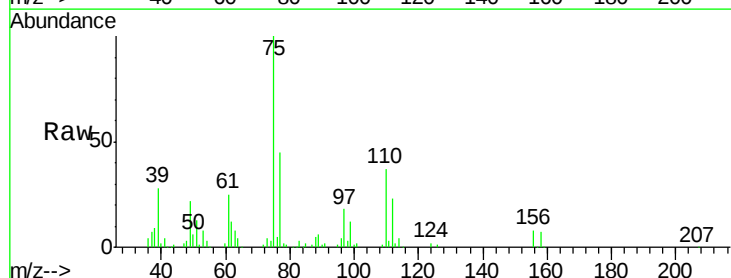
RT: 12.53 min Scan# 3344

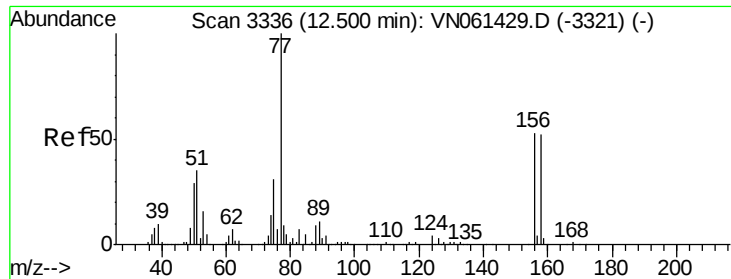
Delta R.T. -0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 91378 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 19.828 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

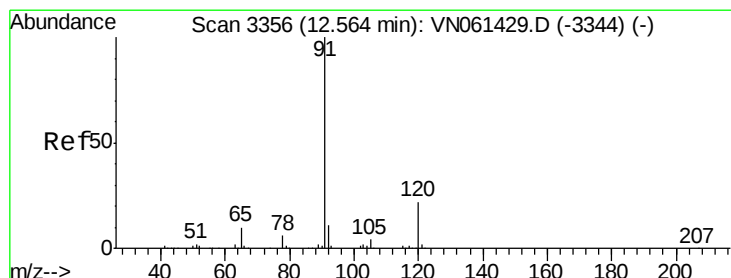
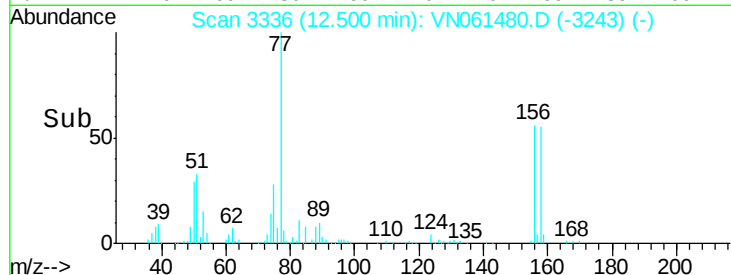
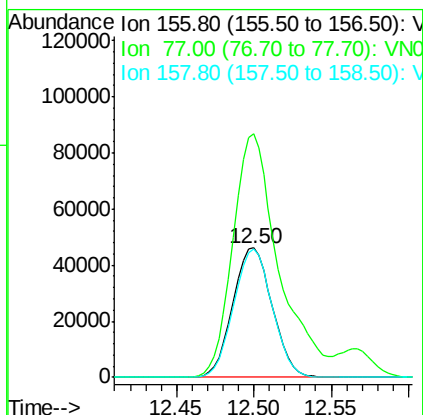
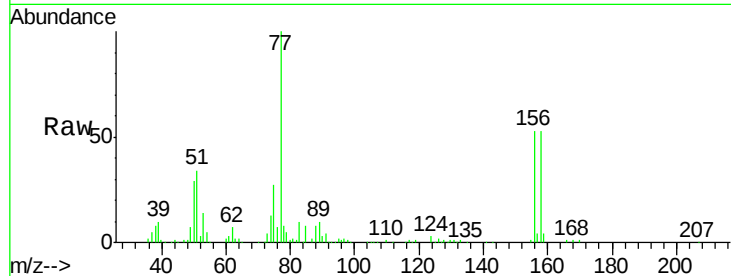
ClientSampled :

VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 218.8 | 112.3 | 336.9 |
| 158     | 97.1  | 47.9  | 143.6 |

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#78

n-propylbenzene

Concen: 19.369 ug/l

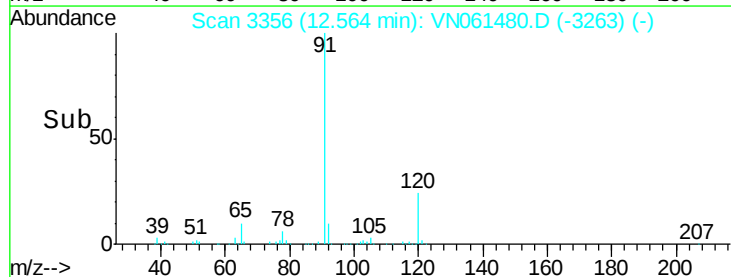
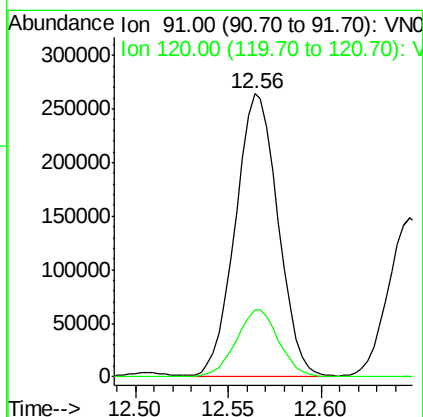
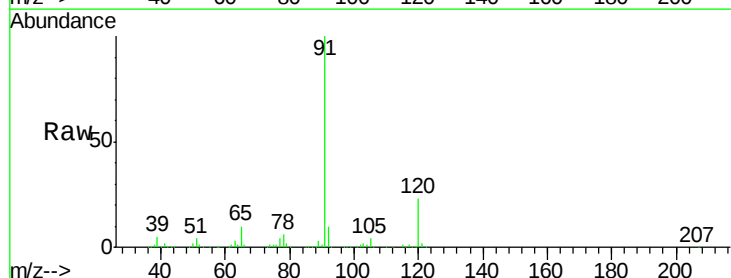
RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.7  | 11.2  | 33.6  |





#79

2-Chlorotoluene

Concen: 19.170 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

ClientSampled :

VN0519MBS01

Tot Ion: 91 Resp: 245108

Ion Ratio Lower Upper

91 100

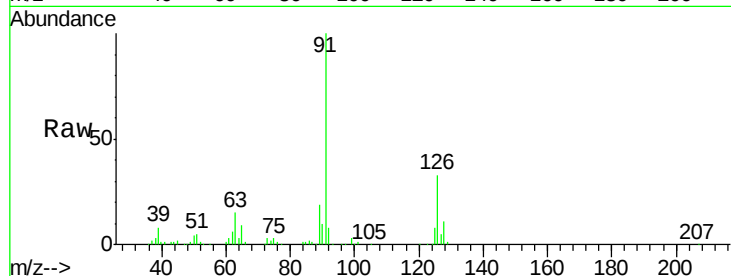
126 33.7 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VN061480.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061480.D (-3382) (-)

250000

200000

150000

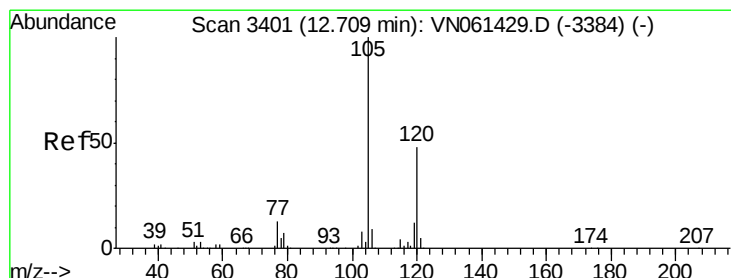
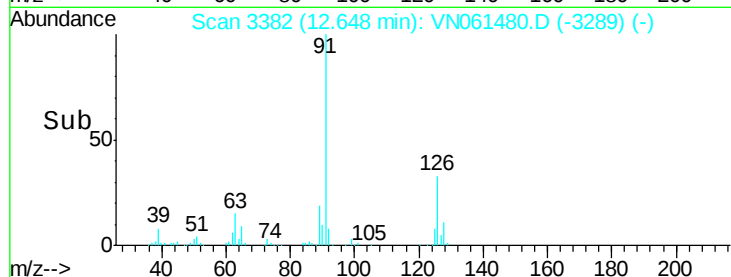
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.629 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061480.D

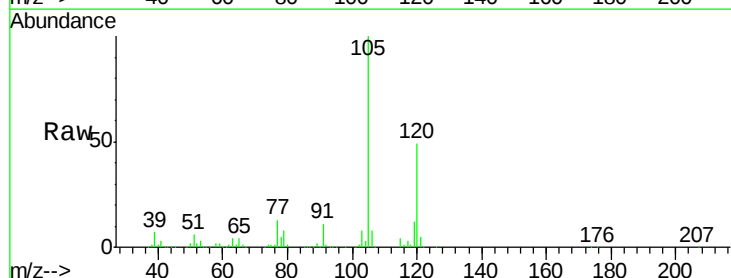
Acq: 19 May 2020 13:47

Tgt Ion: 105 Resp: 305133

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061480.D (-3384) (-)

Ion 120.00 (119.70 to 120.70): VN061480.D (-3384) (-)

200000

150000

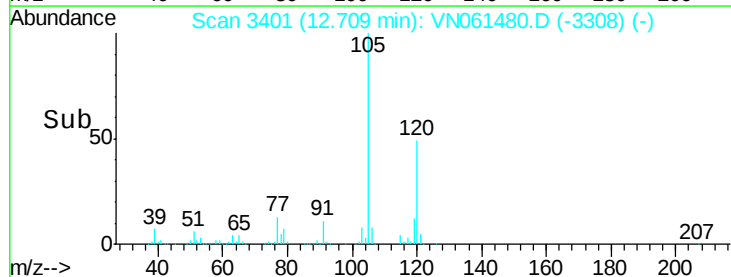
100000

50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.071 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

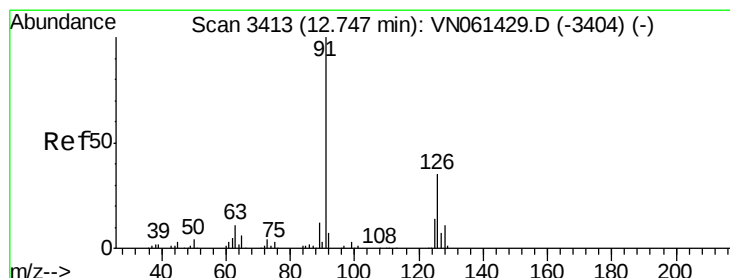
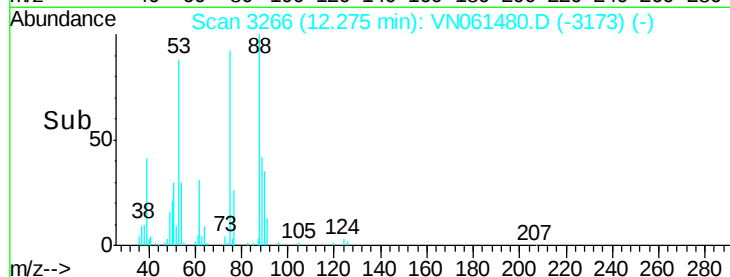
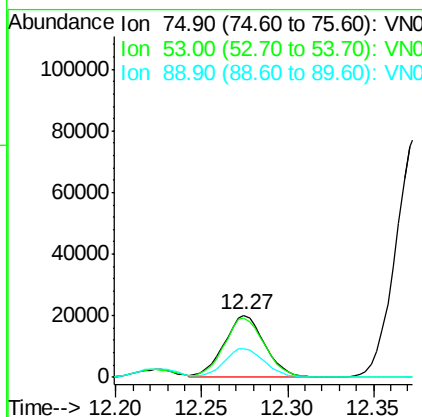
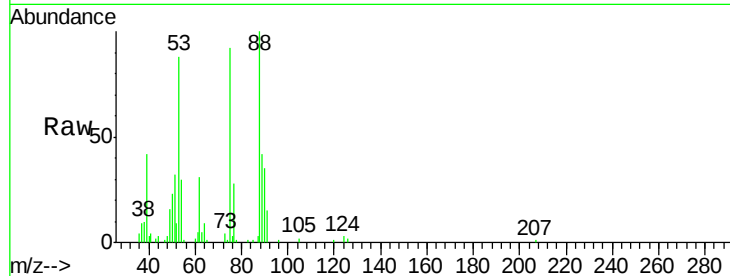
ClientSampled :

VN0519MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 32655 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 98.4  | 75.2  | 112.8 |
| 89       | 46.9  | 38.2  | 57.4  |

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#82

4-Chlorotoluene

Concen: 19.306 ug/l

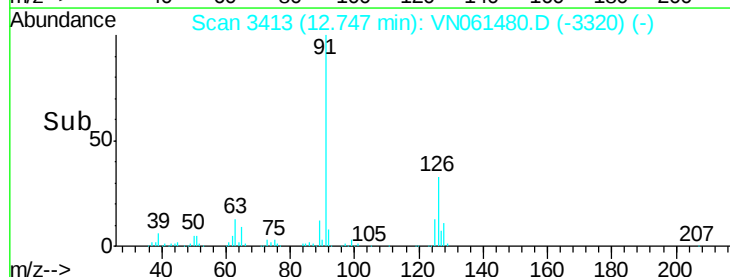
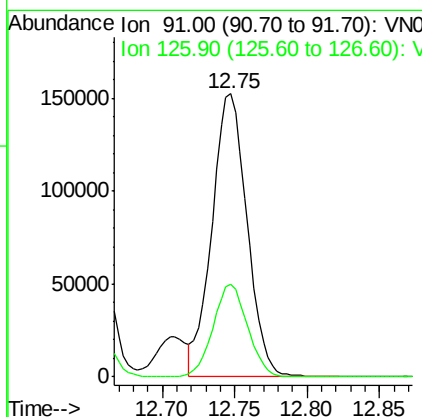
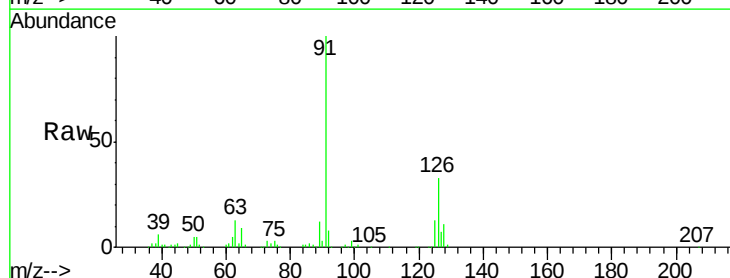
RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 255596 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.4  | 16.1  | 48.2   |





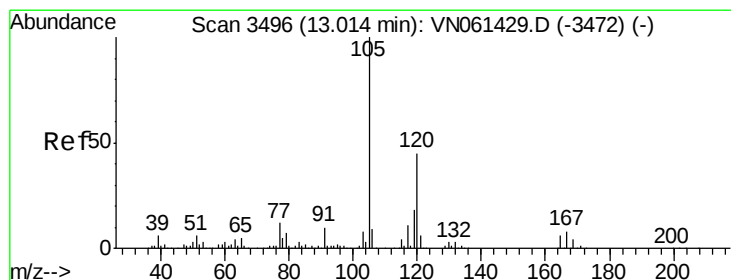
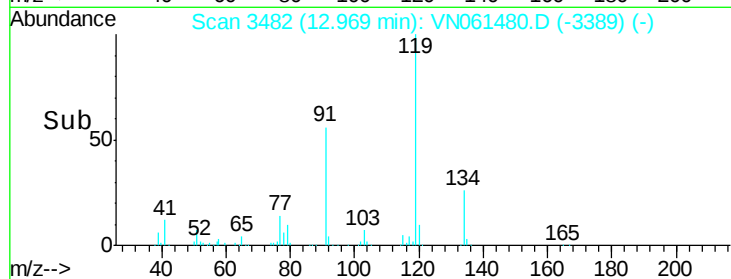
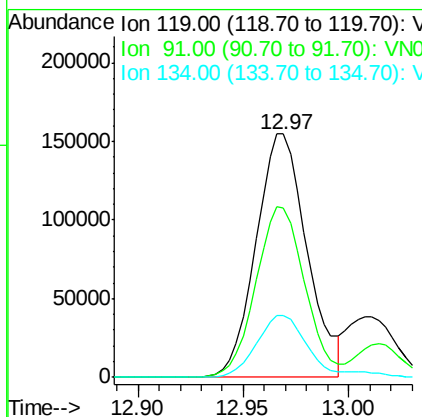
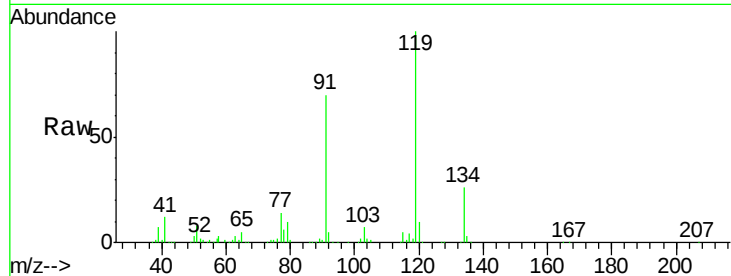
#83  
 tert-Butylbenzene  
 Concen: 19.547 ug/l  
 RT: 12.97 min Scan# 3482  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 260279 |       |       |
| 91      | 67.3  |        | 33.7  | 101.0 |
| 134     | 26.2  |        | 12.8  | 38.3  |

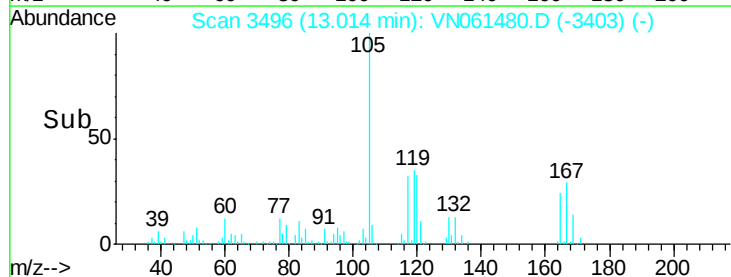
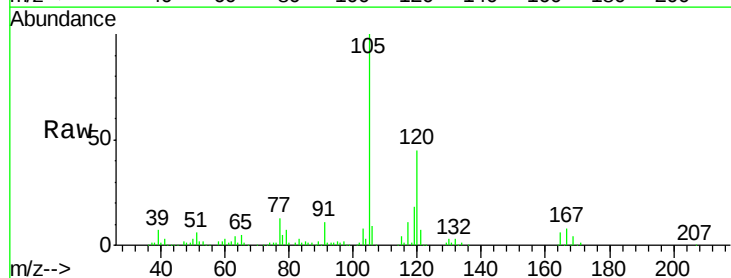
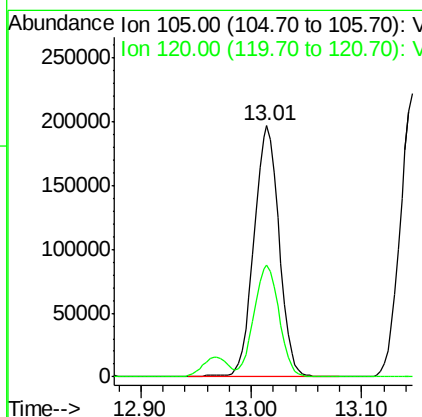
Manual Integrations  
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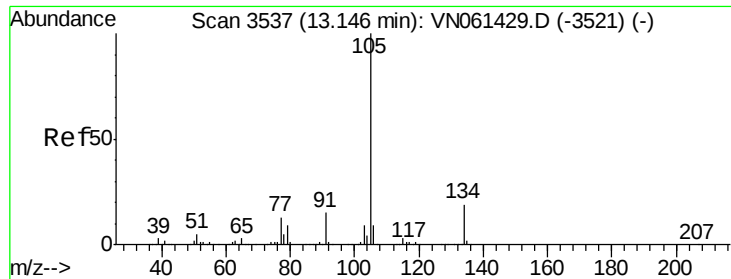
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.056 ug/l  
 RT: 13.01 min Scan# 3496  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 312018 |       |       |
| 120     | 44.9  |        | 22.4  | 67.3  |





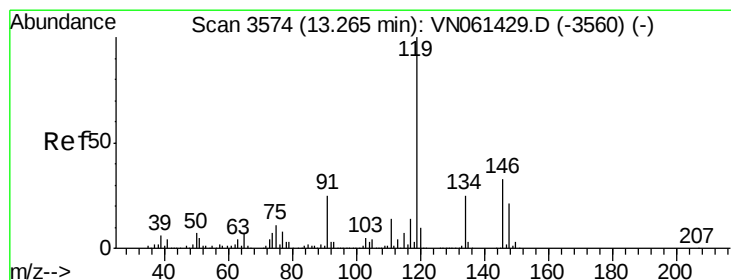
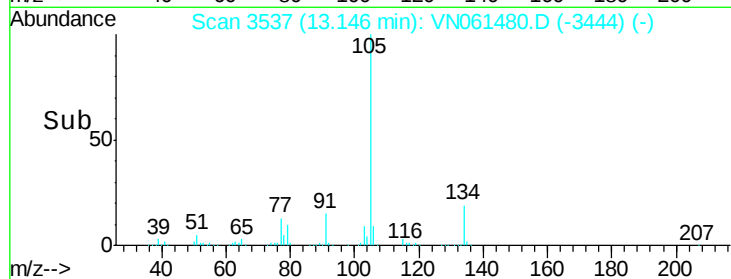
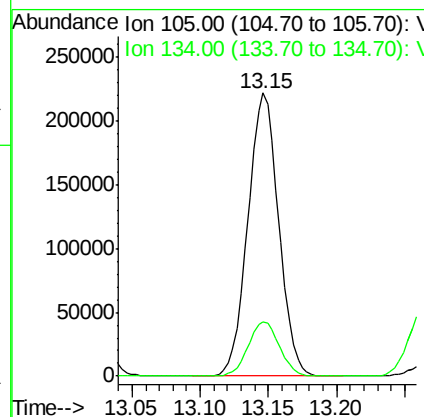
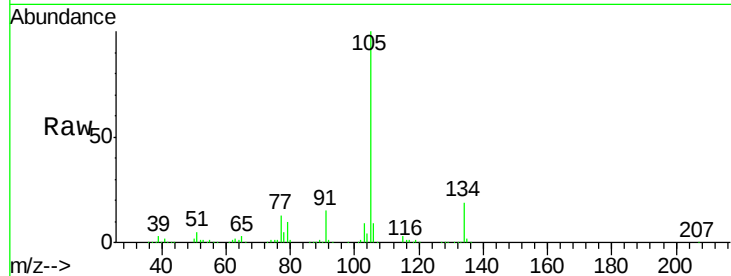
#85  
 sec-Butylbenzene  
 Concen: 19.261 ug/l  
 RT: 13.15 min Scan# 3537  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 346803 |       |       |
| 134     | 19.6  | 9.8    | 29.5  |       |

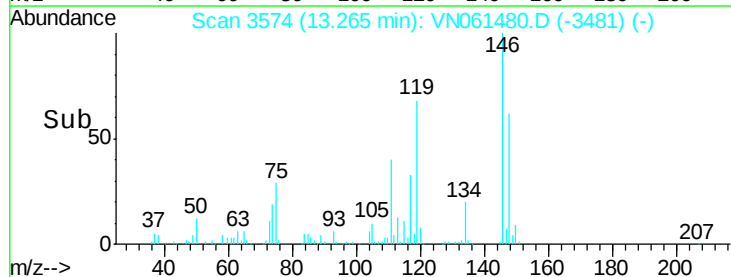
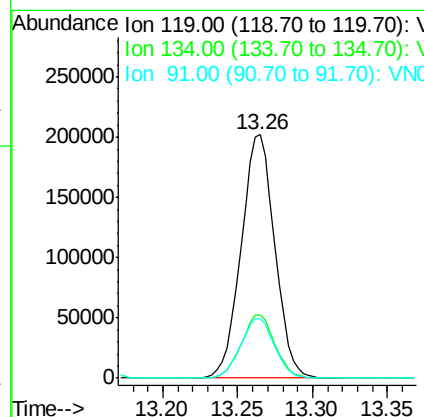
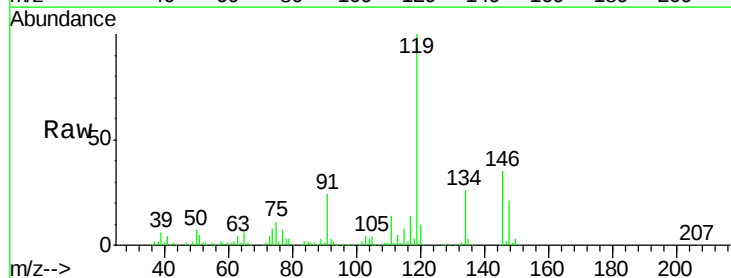
Manual Integrations  
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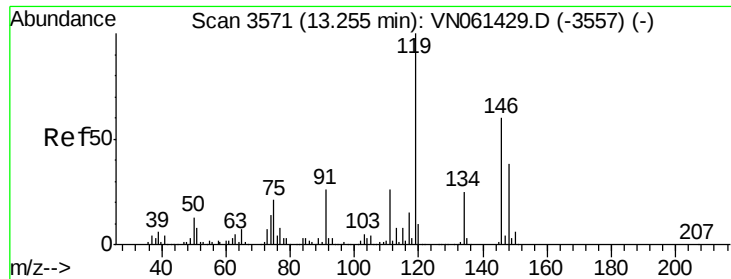
apatel  
 5/22/2020 11:28:55 AM



#86  
 p-Isopropyltoluene  
 Concen: 19.643 ug/l  
 RT: 13.26 min Scan# 3574  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 314060 |       |       |
| 134     | 26.1  | 12.7   | 38.1  |       |
| 91      | 24.2  | 12.6   | 37.6  |       |





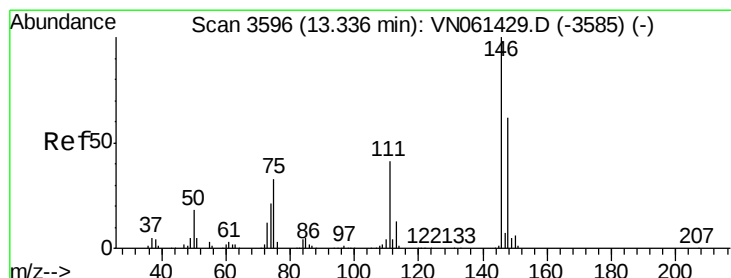
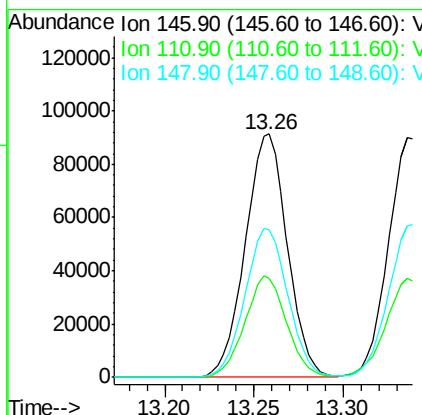
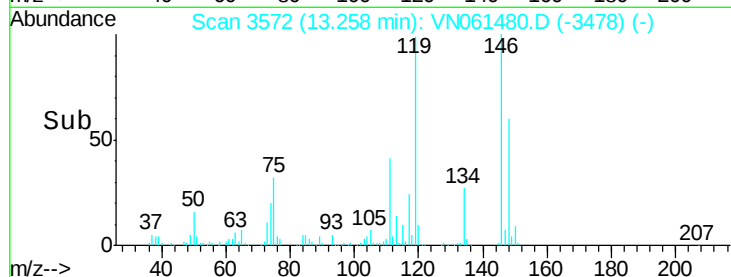
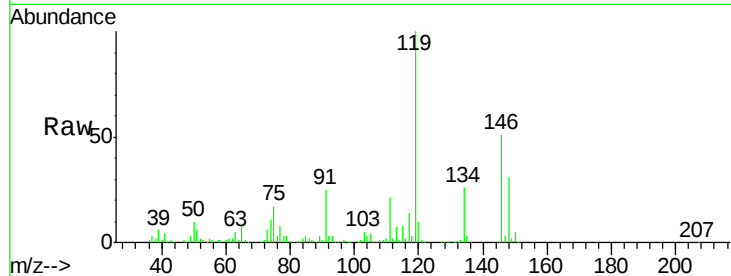
#87  
 1,3-Dichlorobenzene  
 Concen: 19.976 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 150626 |       |       |
| 111     | 41.2  |        | 21.5  | 64.5  |
| 148     | 62.4  |        | 31.8  | 95.3  |

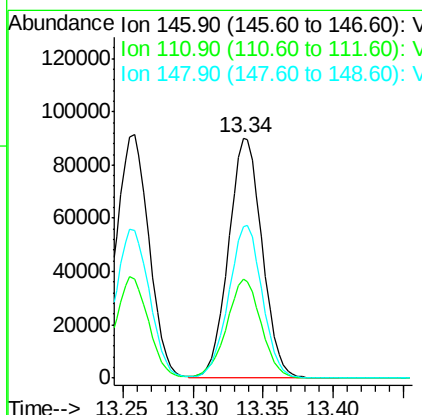
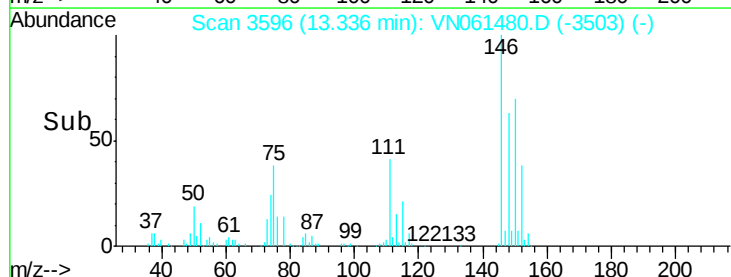
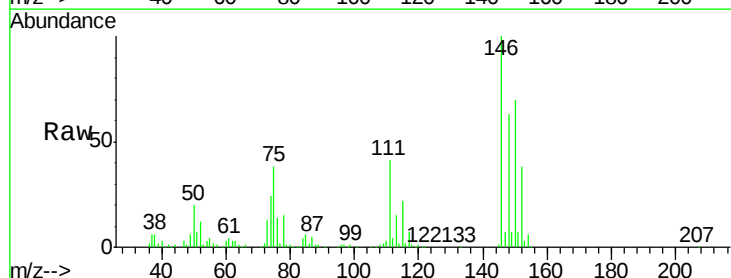
Manual Integrations  
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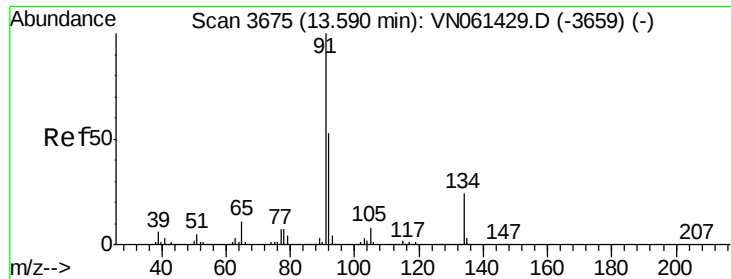
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 19.892 ug/l  
 RT: 13.34 min Scan# 3596  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 150217 |       |       |
| 111     | 42.6  |        | 20.8  | 62.5  |
| 148     | 63.8  |        | 31.6  | 94.8  |





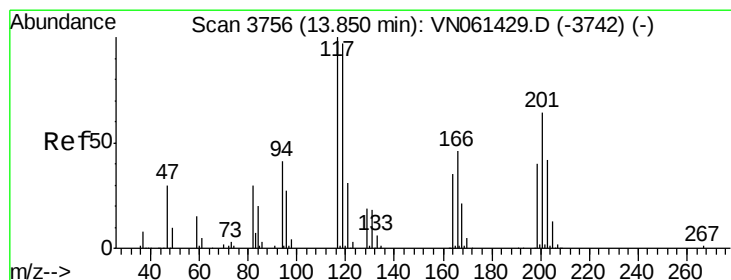
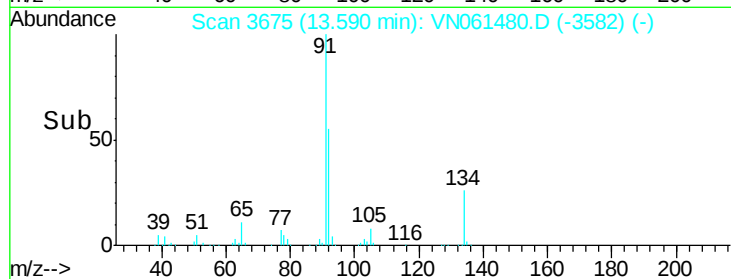
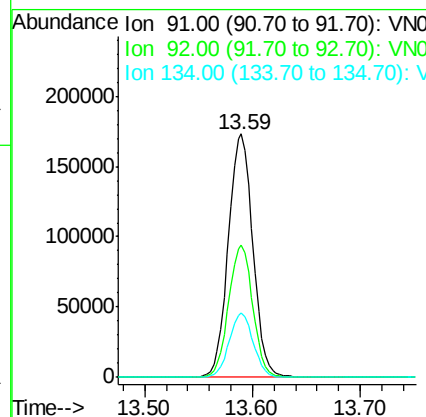
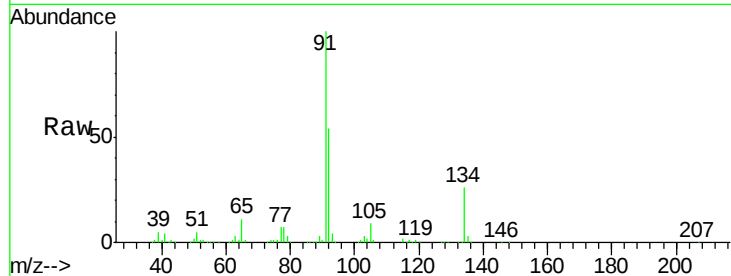
#89  
n-Butylbenzene  
Concen: 18.921 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0519MBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 53.4  | 26.8 | 80.3  |       |
| 134     | 25.8  | 12.4 | 37.4  |       |

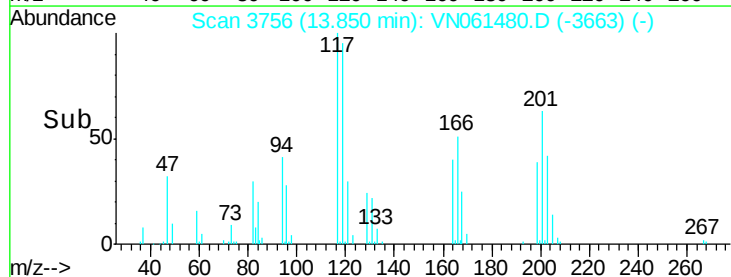
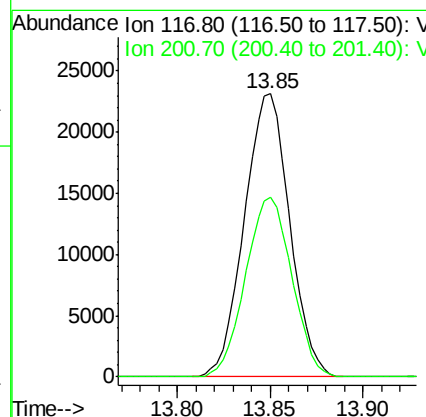
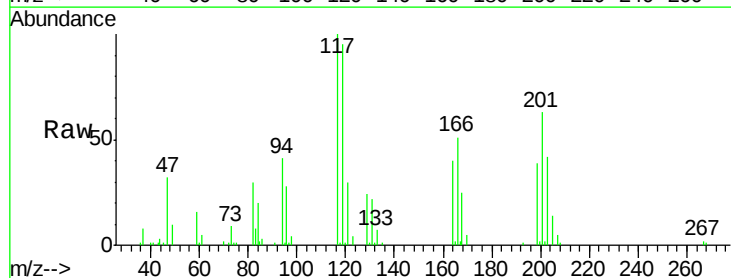
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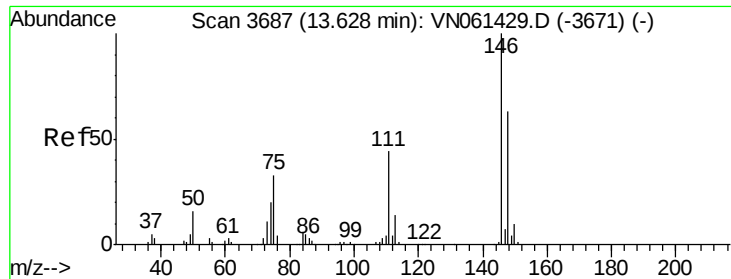
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#90  
Hexachloroethane  
Concen: 18.197 ug/l  
RT: 13.85 min Scan# 3756  
Delta R.T. 0.00 min  
Lab File: VN061480.D  
Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 64.9  | 32.9 | 98.7  |       |





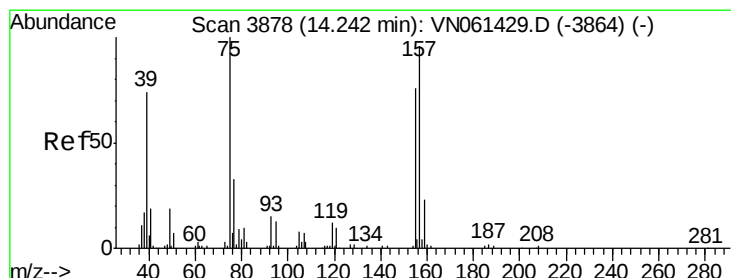
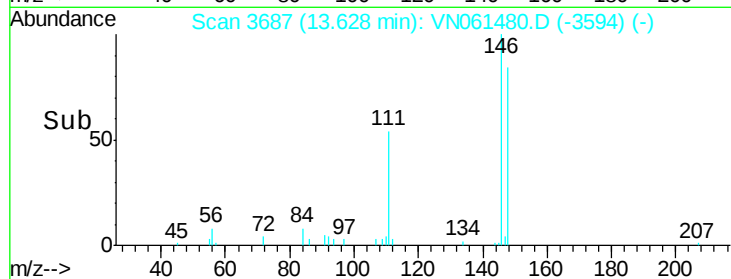
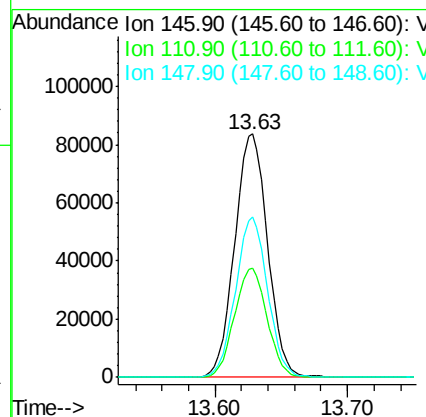
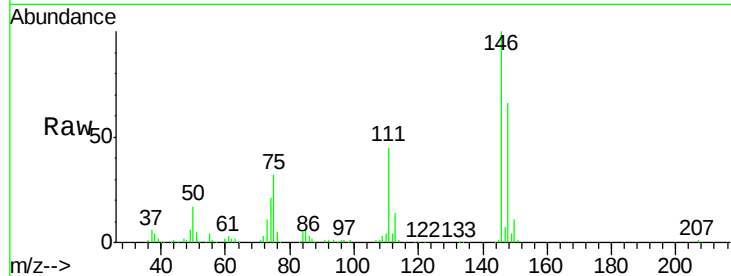
#91  
 1,2-Dichlorobenzene  
 Concen: 19.948 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0519MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.4  | 21.9  | 65.7  |
| 148     | 64.2  | 31.6  | 94.7  |

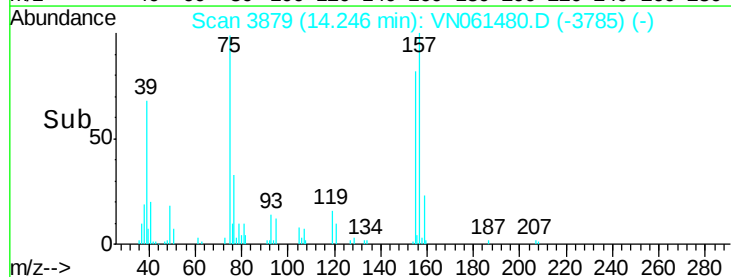
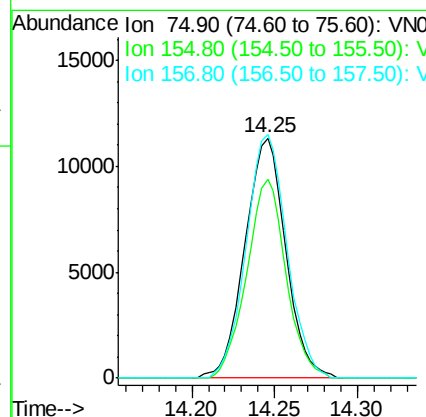
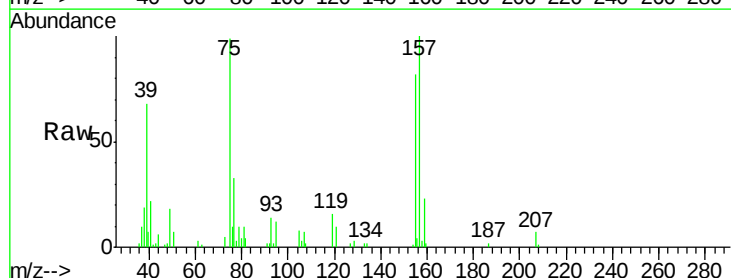
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.333 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.6  | 38.9  | 116.7 |
| 157     | 101.4 | 48.6  | 145.8 |





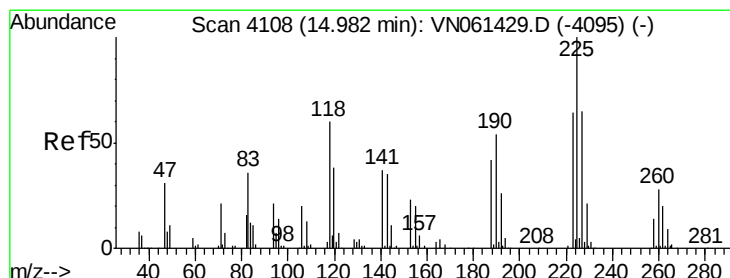
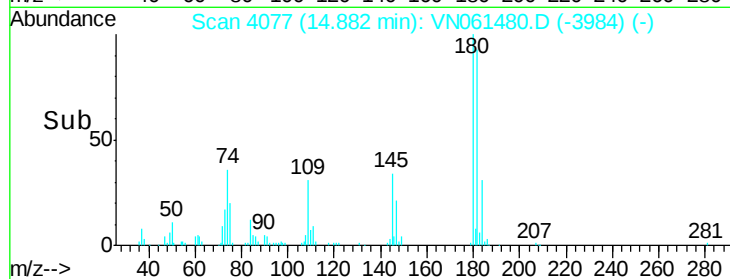
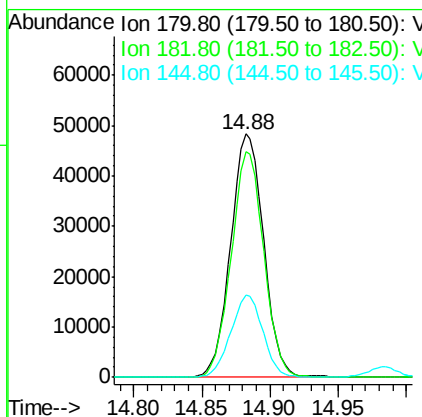
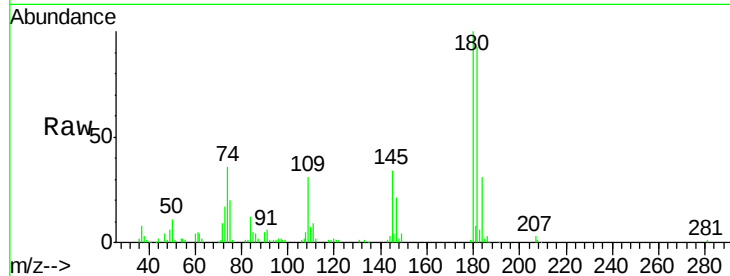
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.656 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0519MBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 81012 |       |       |
| 182     | 91.8  | 47.0  | 141.0 |       |
| 145     | 32.9  | 16.7  | 50.0  |       |

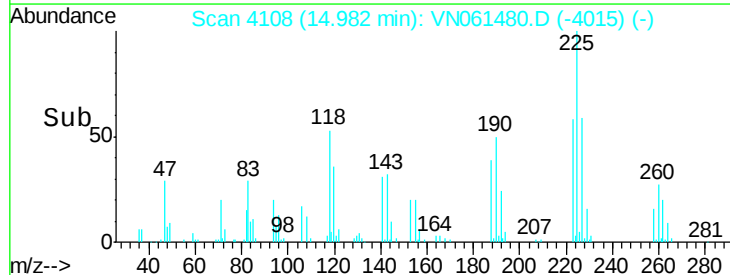
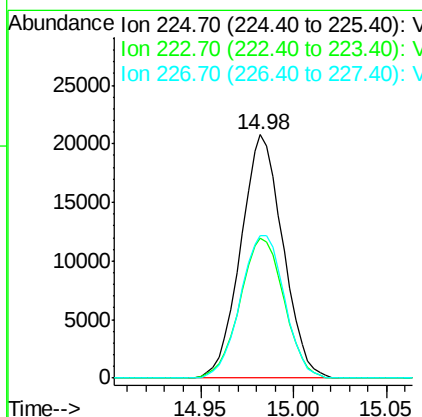
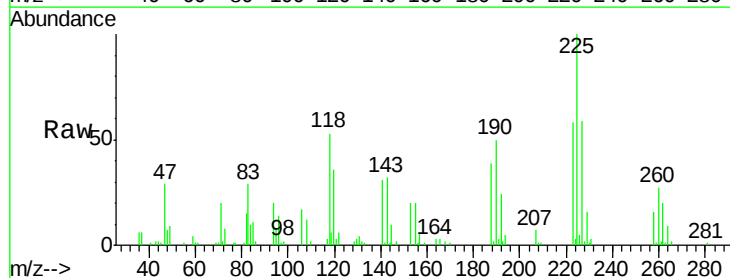
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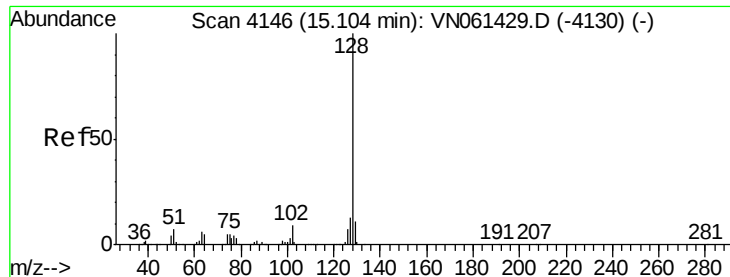
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#94  
 Hexachlorobutadiene  
 Concen: 18.877 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. 0.00 min  
 Lab File: VN061480.D  
 Acq: 19 May 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 32896 |       |       |
| 223     | 59.9  | 31.9  | 95.7  |       |
| 227     | 61.1  | 31.5  | 94.5  |       |





#95

Naphthalene

Concen: 20.563 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

Instrument :

MSVOA\_N

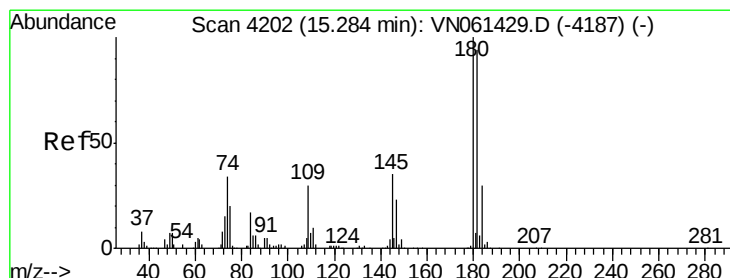
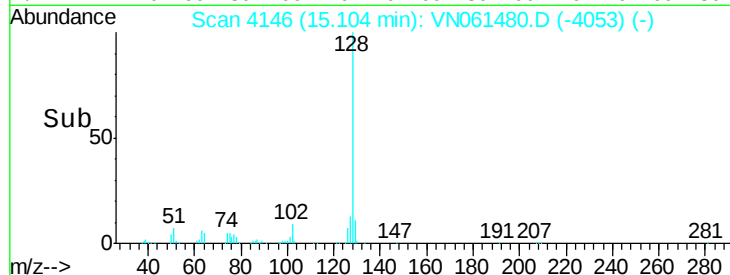
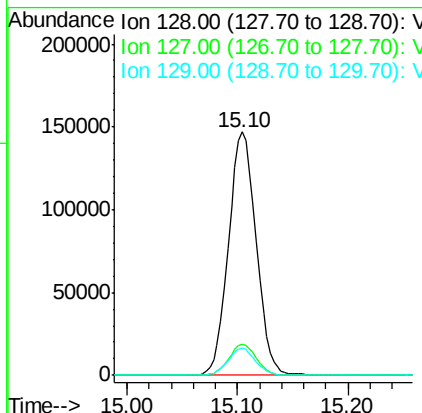
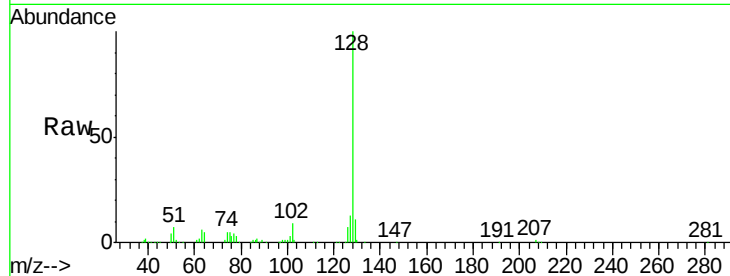
ClientSampleId :

VN0519MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 256394 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.1  | 15.1   |
| 129       | 11.0  | 8.6   | 13.0   |

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#96

1,2,3-Trichlorobenzene

Concen: 20.209 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061480.D

Acq: 19 May 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 78903 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.6  | 47.8  | 143.3 |
| 145       | 34.5  | 17.3  | 51.9  |

