

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\  
 Data File : VN063365.D  
 Acq On : 16 Sep 2020 15:26  
 Operator : JC/MD  
 Sample : VN0916WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2020 1:08:49 PM

Quant Time: Sep 17 04:16:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 267489   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 467280   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 421844   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 198321   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 234431   | 51.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.98% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 164168   | 50.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.50% |      |
| 50) Toluene-d8            | 10.06  | 98  | 625015   | 51.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.76% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 231438   | 51.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.80% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 63308   | 20.891  | ug/l | 98     |
| 3) Chloromethane              | 2.03 | 50  | 81122   | 20.235  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.16 | 62  | 76375   | 21.503  | ug/l | 96     |
| 5) Bromomethane               | 2.54 | 94  | 48835   | 23.157  | ug/l | 100    |
| 6) Chloroethane               | 2.68 | 64  | 45756   | 20.986  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 111476  | 21.036  | ug/l | 97     |
| 8) Diethyl Ether              | 3.38 | 74  | 43947   | 21.274  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 62655   | 21.024  | ug/l | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 74503   | 19.202  | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.72 | 59  | 59158   | 93.782  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 62372   | 20.663  | ug/l | 98     |
| 13) Acrolein                  | 3.57 | 56  | 33911   | 145.063 | ug/l | 98     |
| 14) Allyl chloride            | 4.28 | 41  | 127664  | 21.381  | ug/l | 100    |
| 15) Acrylonitrile             | 4.93 | 53  | 157705  | 98.286  | ug/l | 99     |
| 16) Acetone                   | 3.78 | 43  | 136616  | 93.357  | ug/l | 99     |
| 17) Carbon Disulfide          | 4.02 | 76  | 178955  | 20.381  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 72921   | 19.629  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 227340  | 20.207  | ug/l | 99     |
| 20) Methylene Chloride        | 4.51 | 84  | 73931   | 19.940  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 69105   | 20.663  | ug/l | 93     |
| 22) Diisopropyl ether         | 5.90 | 45  | 252452  | 20.731  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.84 | 43  | 1045533 | 104.544 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 139799  | 21.028  | ug/l | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 216991  | 96.413  | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 121197  | 20.705  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 79084   | 20.892  | ug/l | 96     |
| 28) Bromochloromethane        | 7.15 | 49  | 58734   | 19.133  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 148784  | 96.793  | ug/l | 99     |
| 30) Chloroform                | 7.33 | 83  | 136385  | 20.447  | ug/l | 94     |
| 31) Cyclohexane               | 7.61 | 56  | 127618  | 20.293  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 124366  | 20.963  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 104978  | 21.087  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 96394   | 19.729  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 105123  | 20.686  | ug/l | 98     |

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 Operator : JC/MD  
 Sample : VN0916WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0916WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2020 1:08:49 PM

Quant Time: Sep 17 04:16:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 112432   | 20.809  | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 298252   | 20.988  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.14  | 41   | 50253m   | 22.868  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 119084   | 20.837  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 170132   | 19.474  | ug/l # | 90       |
| 44) Trichloroethene            | 8.80  | 130  | 72209    | 20.950  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 82257    | 21.253  | ug/l   | 99       |
| 46) Dibromomethane             | 9.17  | 93   | 52935    | 20.809  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.37  | 83   | 111552   | 21.108  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 85849    | 20.001  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 22845    | 370.878 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 493997   | 101.001 | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 182517   | 21.362  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 122682   | 20.794  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 130238   | 20.928  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 71204    | 20.981  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 108568   | 20.492  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 127288   | 20.798  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 260832   | 93.850  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 356380   | 100.576 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 76874    | 20.050  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 73384    | 20.813  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 62159    | 21.640  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 187284   | 20.915  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 72499    | 22.087  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 358954   | 21.286  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 258686   | 42.547  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 126028   | 21.759  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 209584   | 21.578  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 50641    | 20.709  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 334083   | 21.022  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.04 | 43   | 151305   | 20.112  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 99804    | 20.282  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 94704m   | 19.293  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 77290    | 21.620  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.57 | 91   | 391481   | 21.150  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 232054   | 20.914  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 285904   | 21.574  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 34792    | 19.432  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 240050   | 20.476  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 232422   | 21.250  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 281584   | 21.036  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 309607   | 21.147  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 273416   | 21.173  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 140847   | 21.257  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 139933   | 20.772  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.59 | 91   | 251295   | 21.112  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 50095    | 20.373  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 138096   | 21.229  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 22429    | 19.141  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VN0916WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

Manual Integrations  
APPROVED

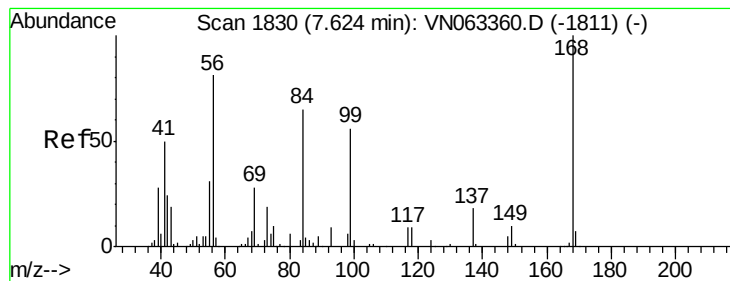
MMDadoda  
9/17/2020 1:08:49 PM

Quant Time: Sep 17 04:16:36 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 77690    | 20.258 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 32545    | 20.499 | ug/l  | 97       |
| 95) Naphthalene            | 15.10 | 128  | 260211   | 20.537 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 74007    | 19.972 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0916WBS01

Tot Ion:168 Resp: 267489

Ion Ratio Lower Upper

168 100

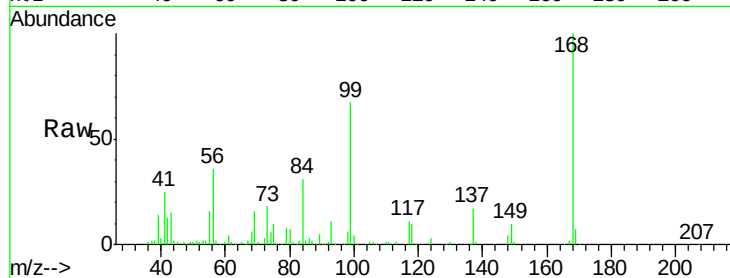
99 66.4 53.0 79.6

Manual Integrations

APPROVED

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9/17/2020 1:08:49 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

60000

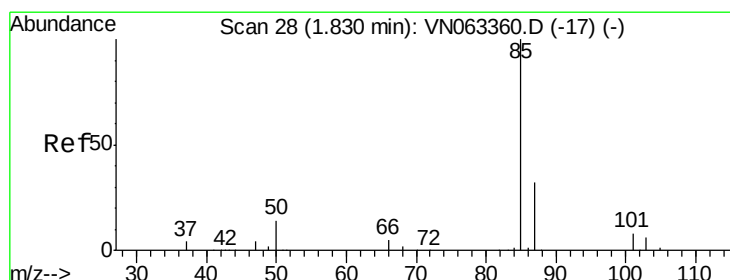
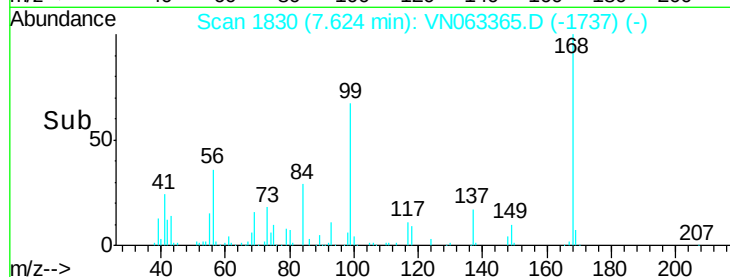
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.891 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063365.D

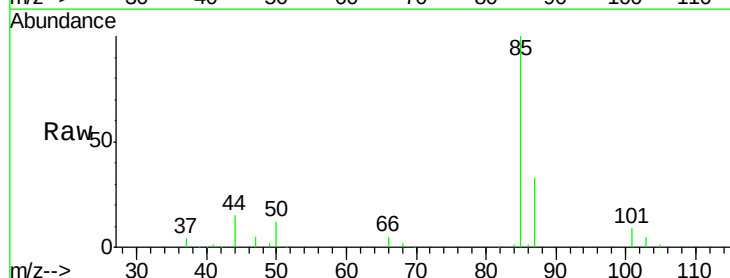
Acq: 16 Sep 2020 15:26

Tgt Ion: 85 Resp: 63308

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

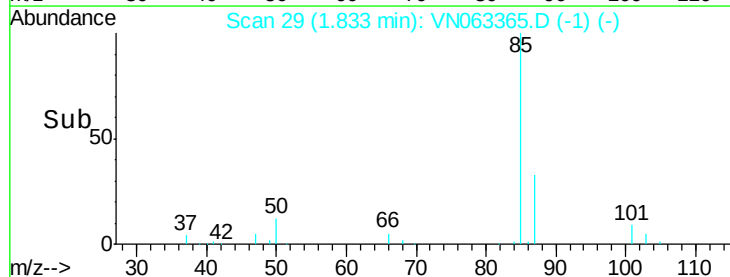
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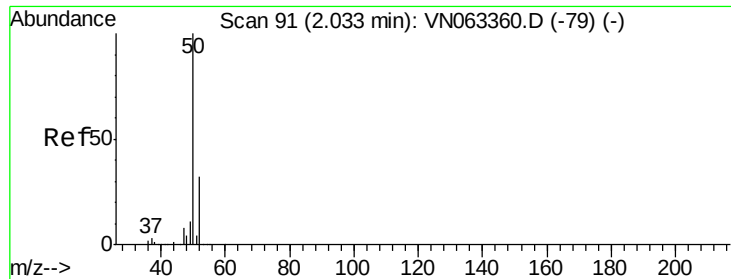
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.235 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0916WBS01

Tot Ion: 50 Resp: 81122

Ion Ratio Lower Upper

50 100

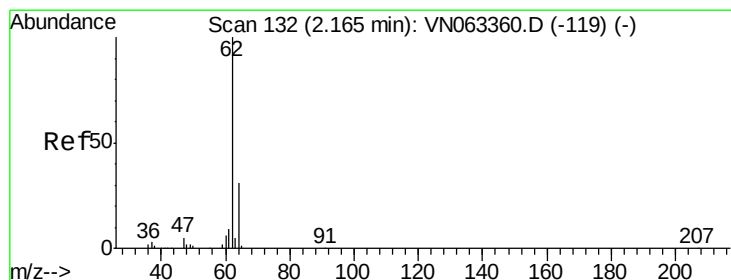
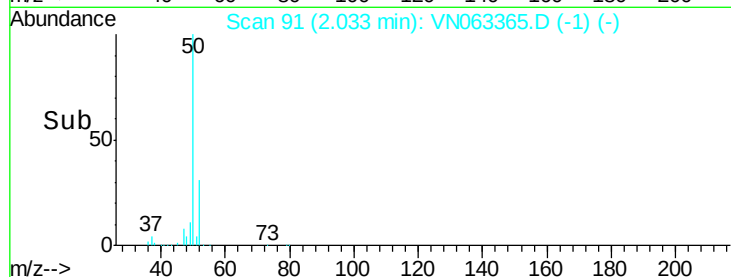
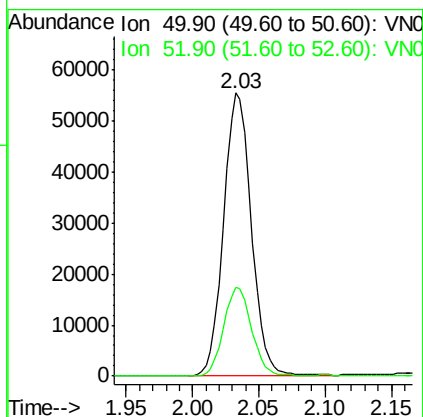
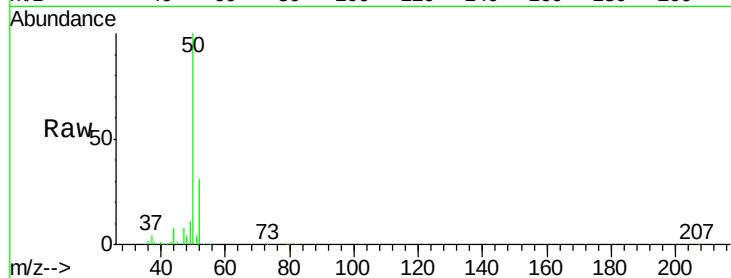
52 31.4 25.9 38.9

Manual Integrations

APPROVED

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9/17/2020 1:08:49 PM



#4

Vinyl Chloride

Concen: 21.503 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063365.D

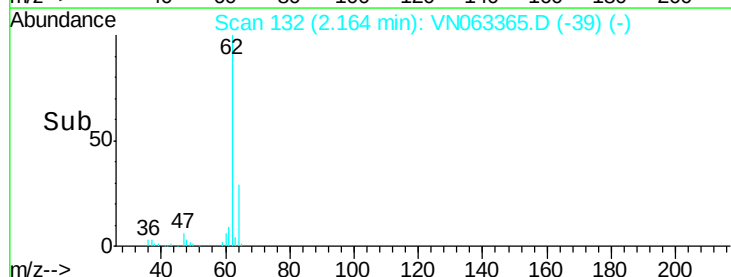
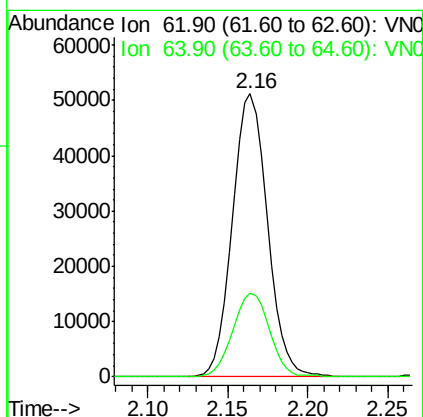
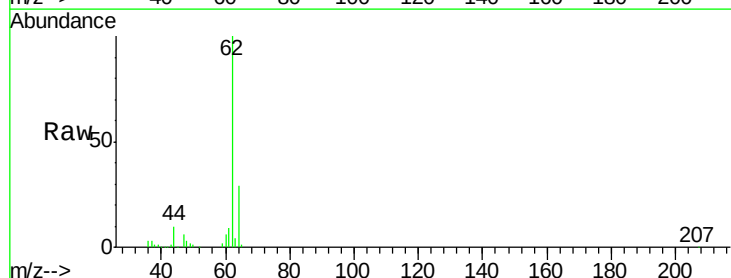
Acq: 16 Sep 2020 15:26

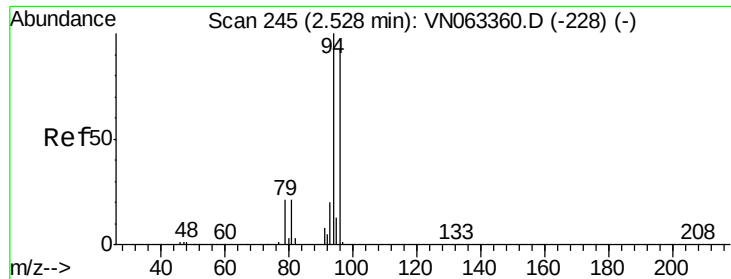
Tgt Ion: 62 Resp: 76375

Ion Ratio Lower Upper

62 100

64 29.4 25.1 37.7





#5

Bromomethane

Concen: 23.157 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0916WBS01

Tot Ion: 94 Resp: 48835

Ion Ratio Lower Upper

94 100

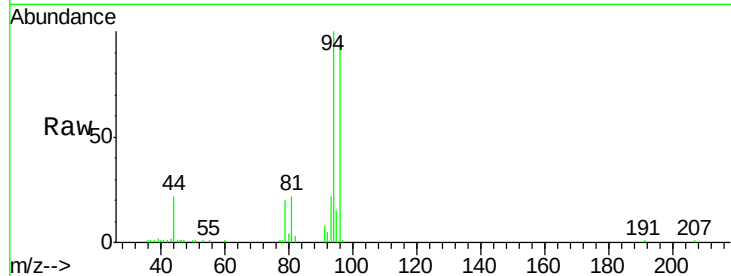
96 93.1 74.5 111.7

Manual Integrations

APPROVED

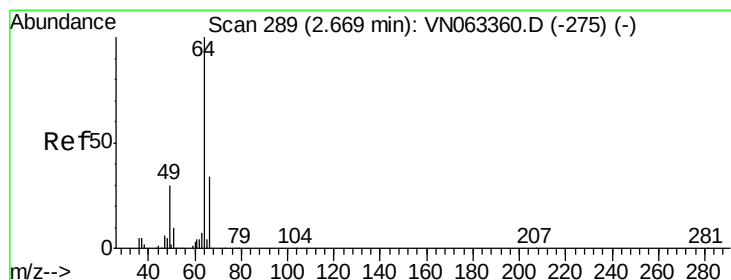
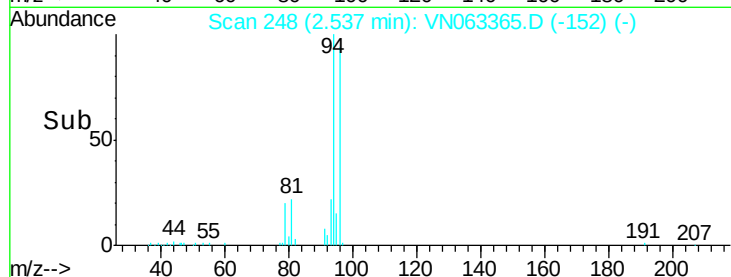
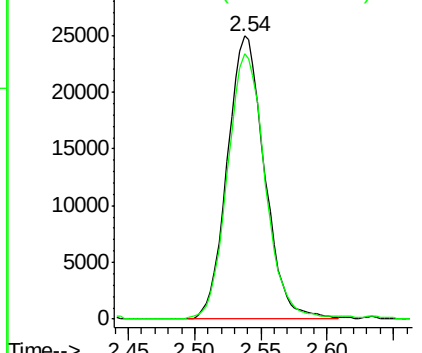
MMDadoda

9/17/2020 1:08:49 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.986 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063365.D

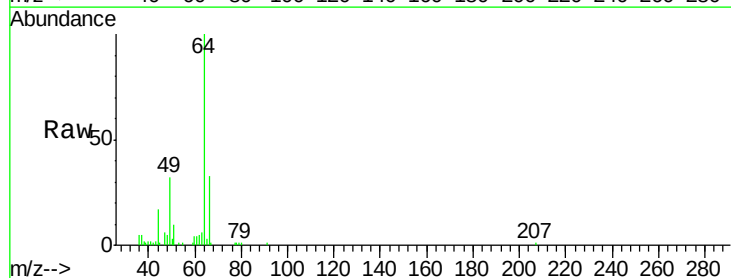
Acq: 16 Sep 2020 15:26

Tgt Ion: 64 Resp: 45756

Ion Ratio Lower Upper

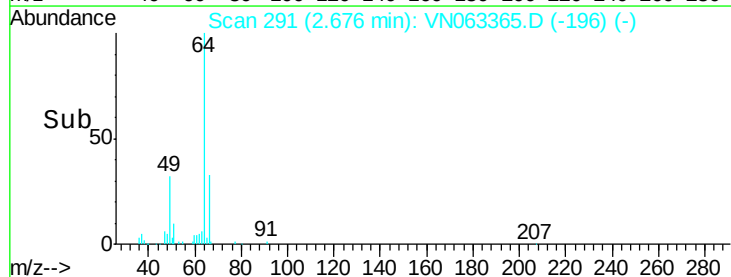
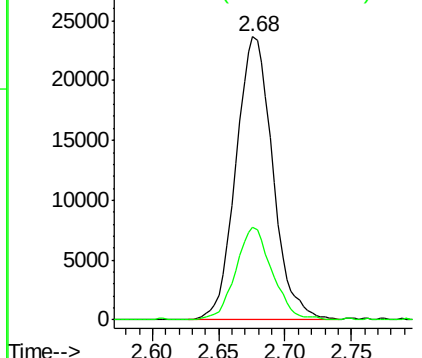
64 100

66 32.6 26.9 40.3

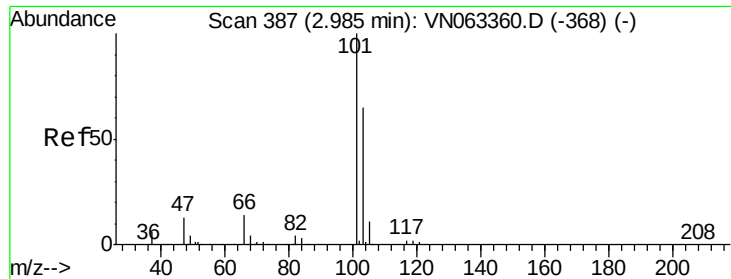


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0







#7

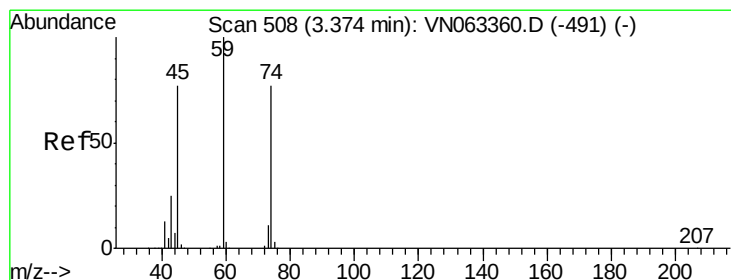
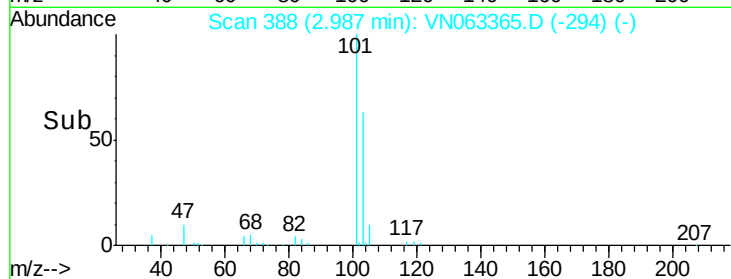
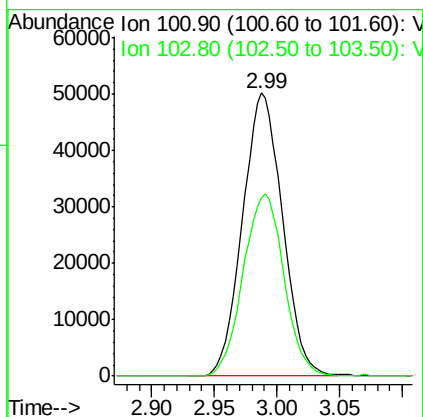
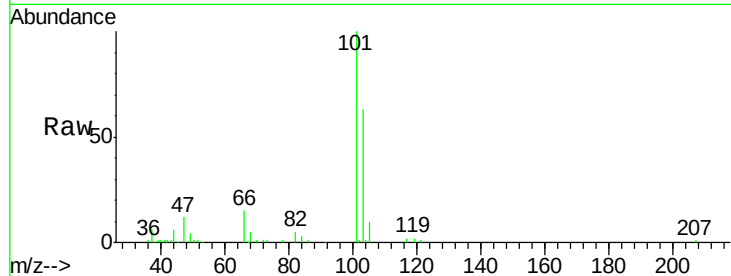
Trichlorofluoromethane  
 Concen: 21.036 ug/l  
 RT: 2.99 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 111476 |       |       |
| 103     | 63.1 | 52.3  | 78.5   |       |       |

Manual Integrations  
 APPROVED

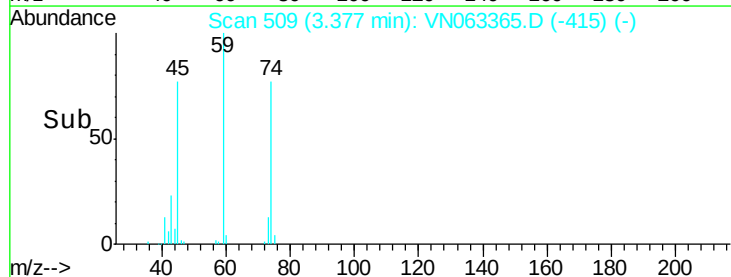
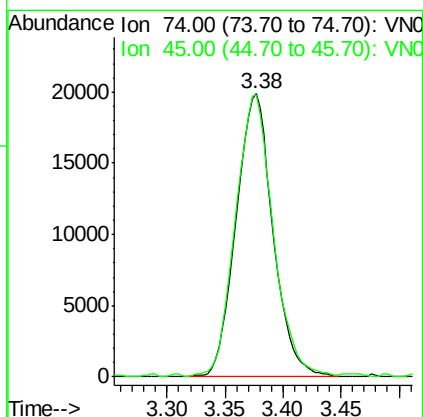
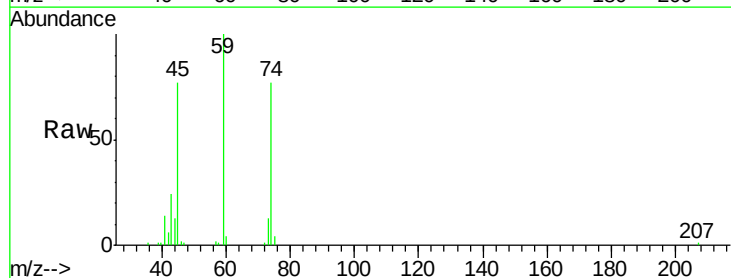
MMDadoda  
 9/17/2020 1:08:49 PM



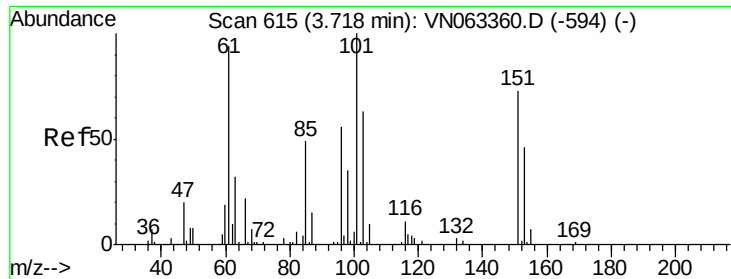
#8

Diethyl Ether  
 Concen: 21.274 ug/l  
 RT: 3.38 min Scan# 509  
 Delta R.T. 0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 74      | 100   |       | 43947 |       |       |
| 45      | 102.0 | 52.1  | 156.4 |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.024 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

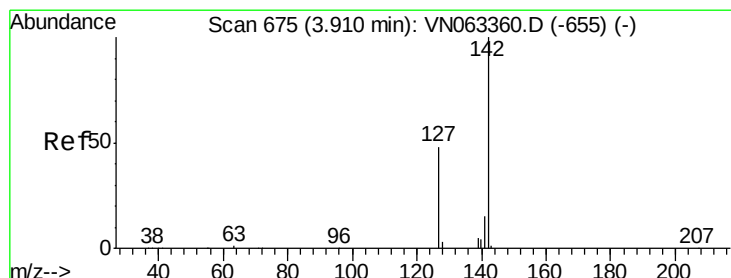
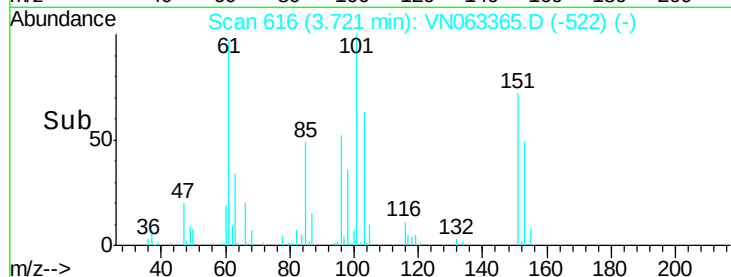
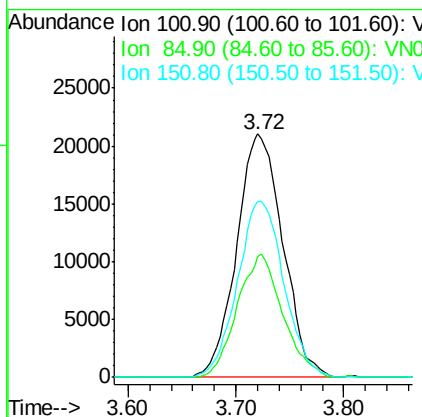
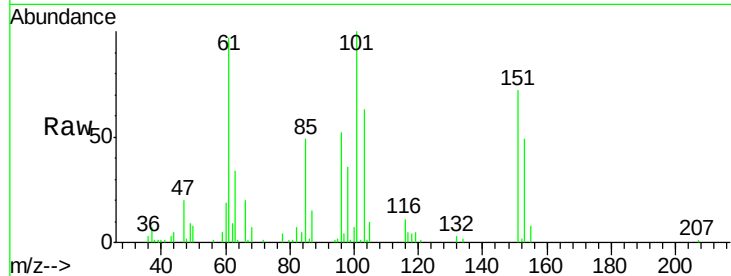
ClientSampled :

VN0916WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 62655 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 49.5  | 37.7  | 56.5  |
| 151       | 72.7  | 57.7  | 86.5  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 19.202 ug/l

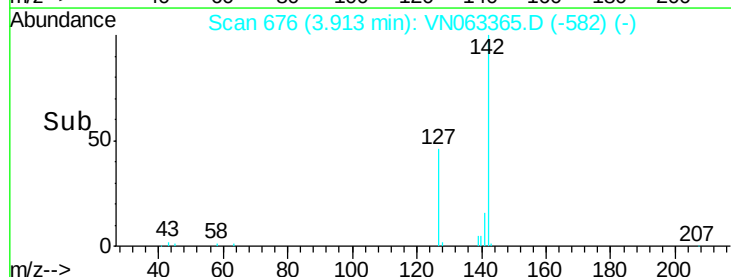
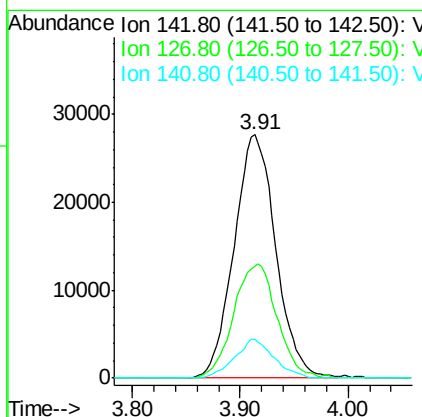
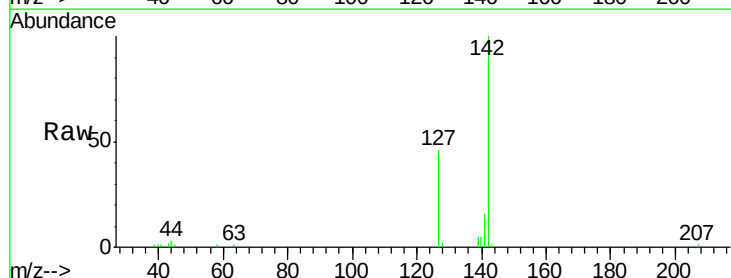
RT: 3.91 min Scan# 676

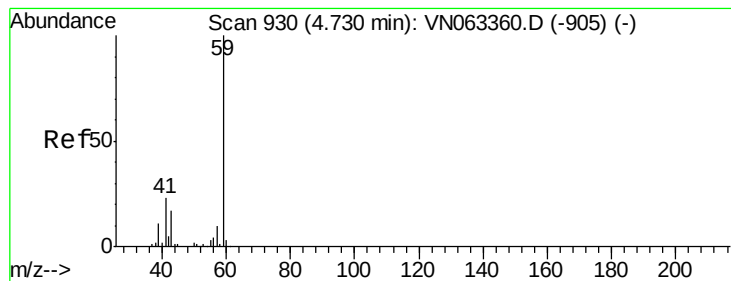
Delta R.T. 0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 74503 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 48.6  | 39.0  | 58.6  |
| 141       | 15.0  | 11.6  | 17.4  |





#11

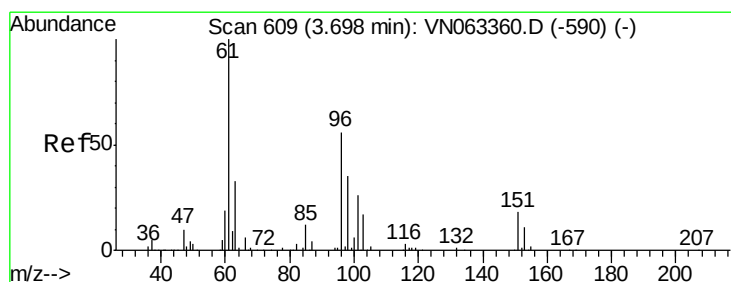
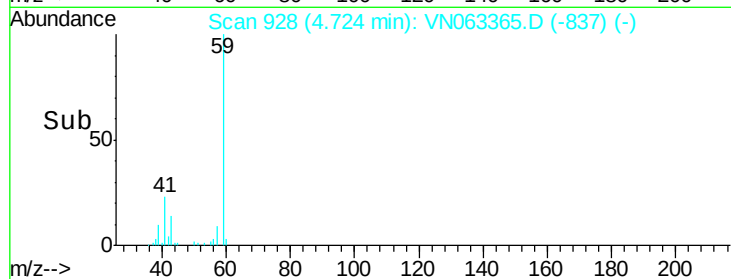
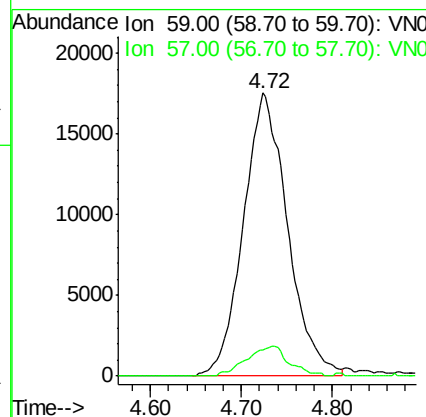
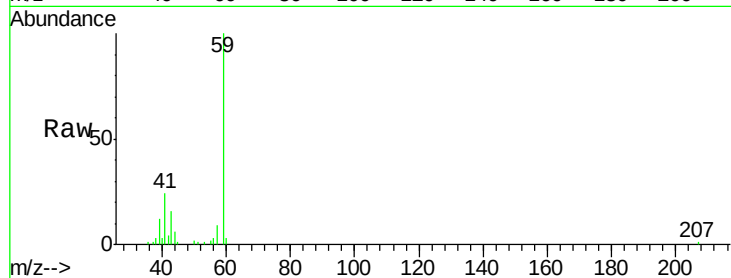
Tert butyl alcohol  
Concen: 93.782 ug/l  
RT: 4.72 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 59158 |       |       |
| 57      | 9.9   |       | 8.4   | 12.6  |

Manual Integrations  
APPROVED

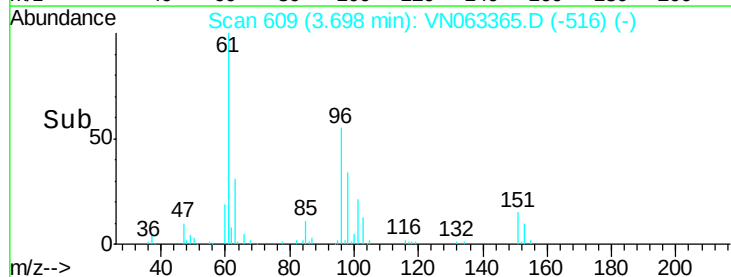
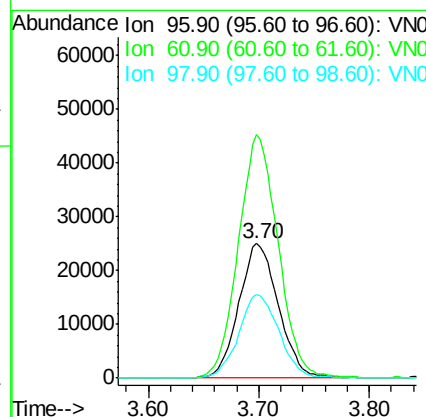
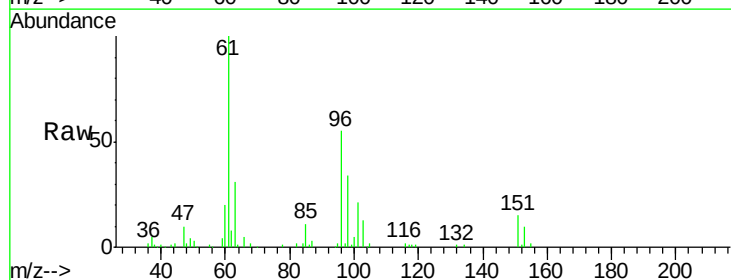
MMDadoda  
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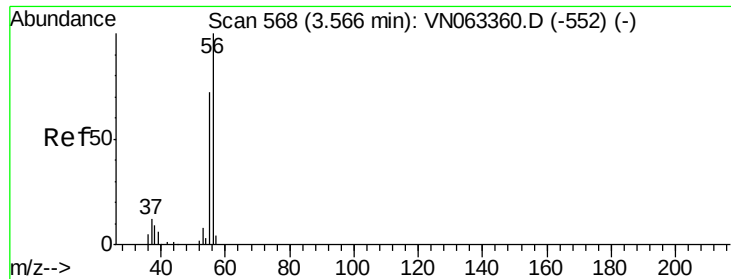


#12

1,1-Dichloroethene  
Concen: 20.663 ug/l  
RT: 3.70 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 62372 |       |       |
| 61      | 181.4 |       | 143.4 | 215.2 |
| 98      | 61.8  |       | 50.6  | 76.0  |





#13

Acrolein

Concen: 145.063 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0916WBS01

Tot Ion: 56 Resp: 33911

Ion Ratio Lower Upper

56 100

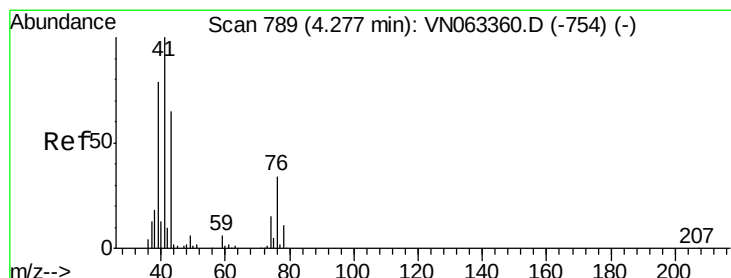
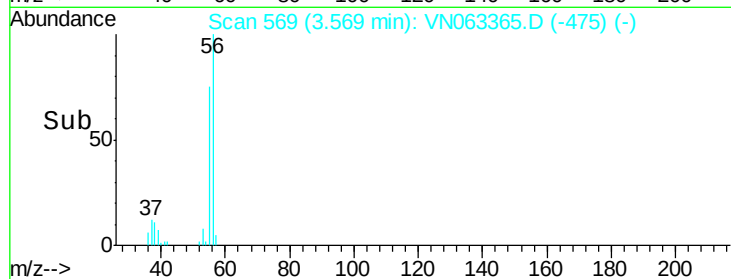
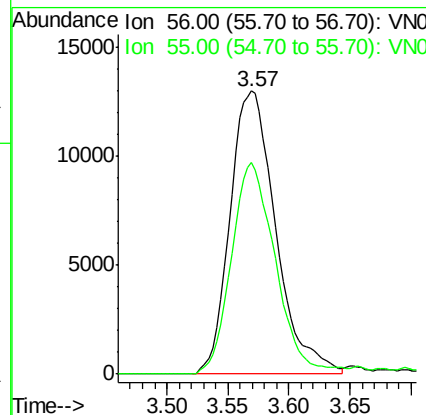
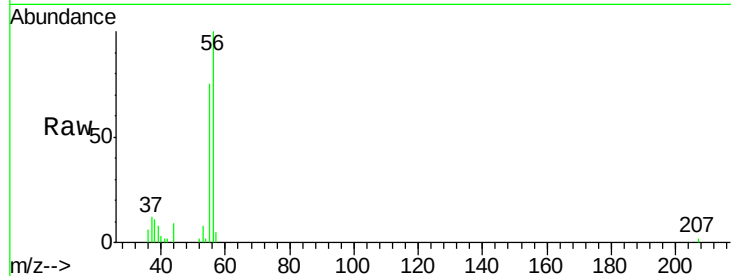
55 71.3 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.381 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

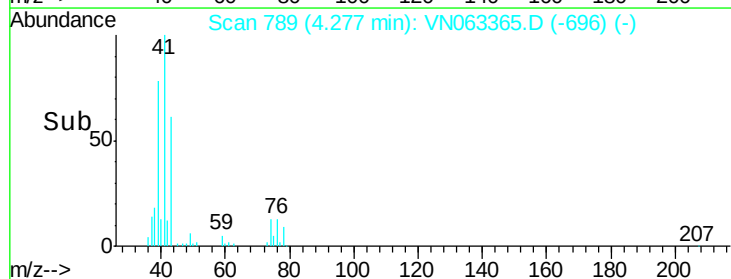
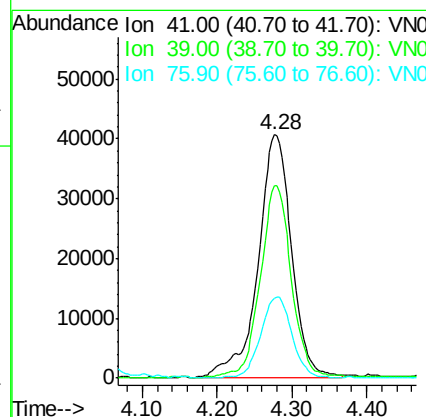
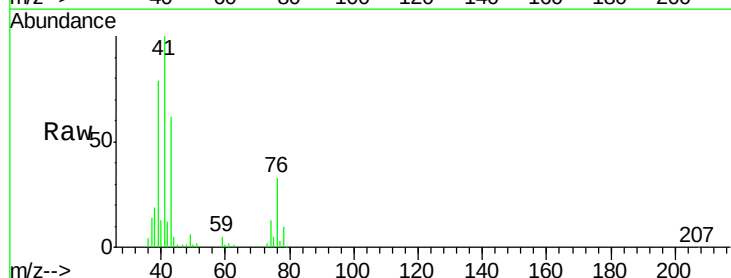
Tgt Ion: 41 Resp: 127664

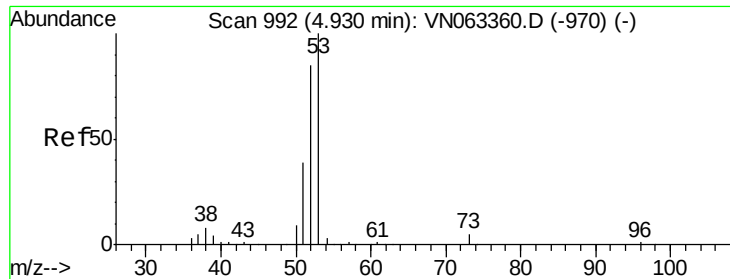
Ion Ratio Lower Upper

41 100

39 74.0 59.3 88.9

76 30.9 25.3 37.9





#15

Acrylonitrile

Concen: 98.286 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

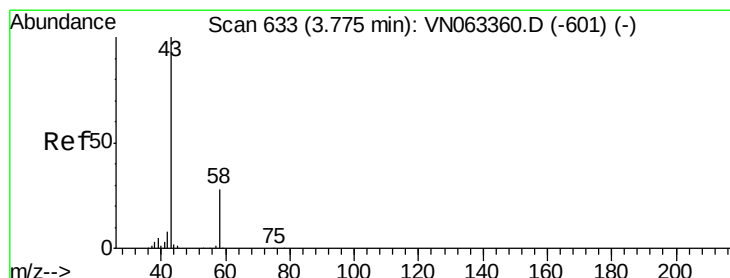
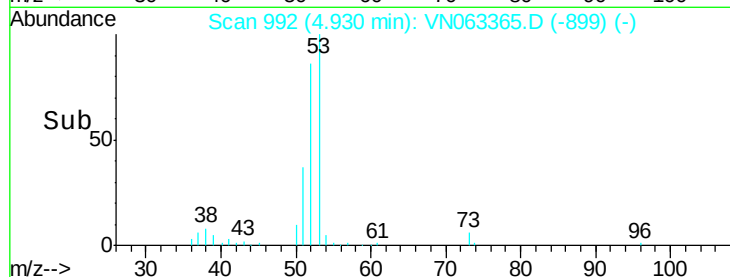
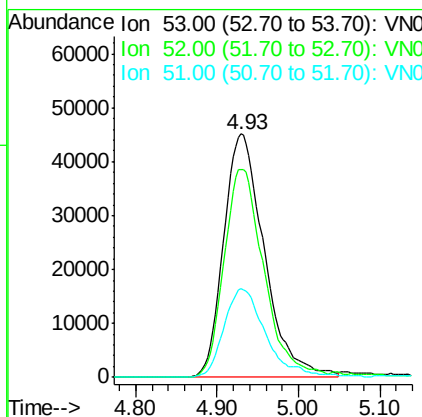
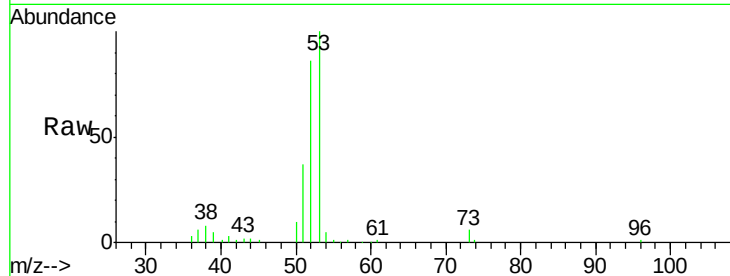
ClientSampleId :

VN0916WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 157705 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.6  | 66.4  | 99.6   |
| 51       | 36.9  | 30.2  | 45.4   |

Manual Integrations  
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9/17/2020 1:08:49 PM



#16

Acetone

Concen: 93.357 ug/l

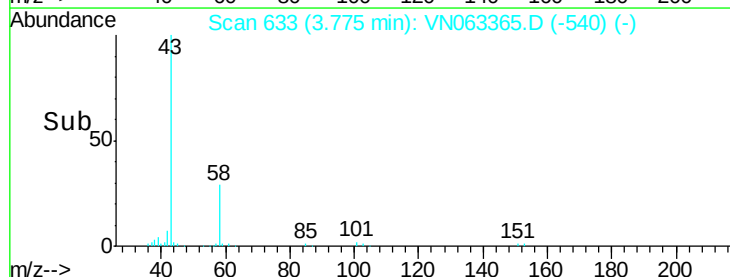
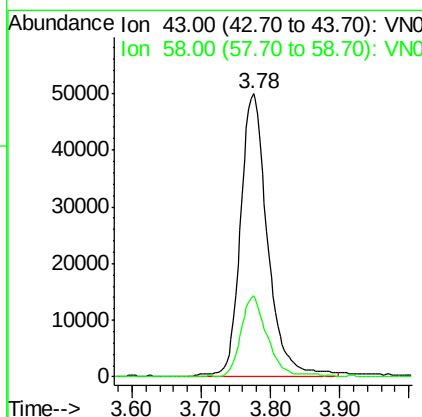
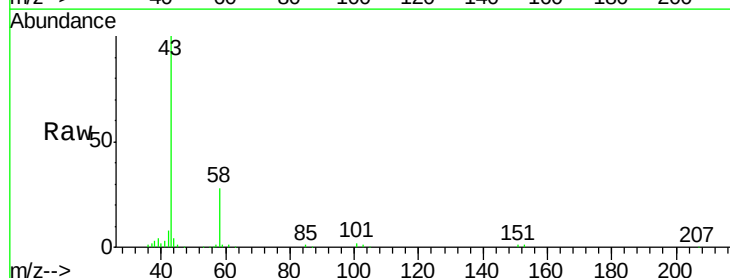
RT: 3.78 min Scan# 633

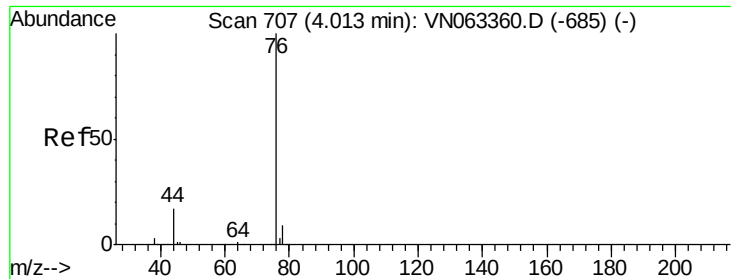
Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 136616 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 28.5  | 22.3  | 33.5   |





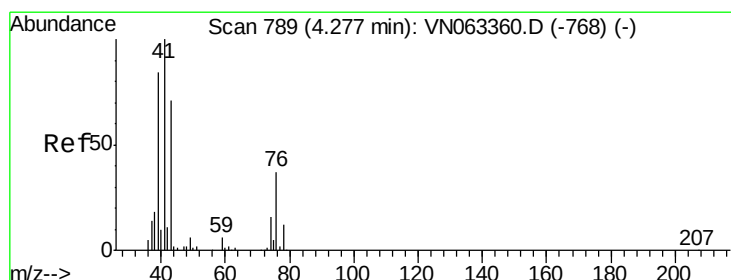
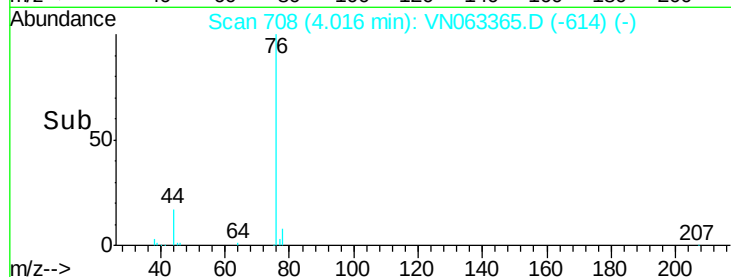
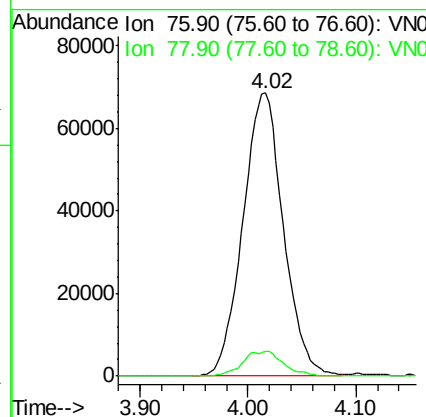
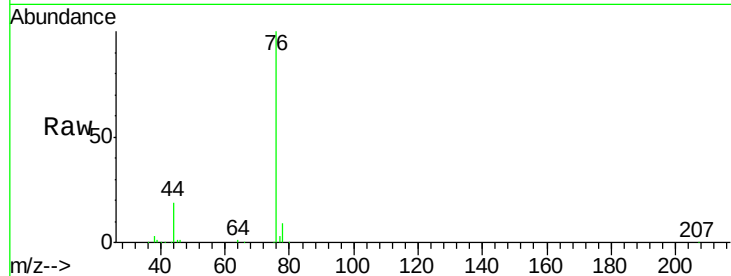
#17  
Carbon Disulfide  
Concen: 20.381 ug/l  
RT: 4.02 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.2   | 10.8  |

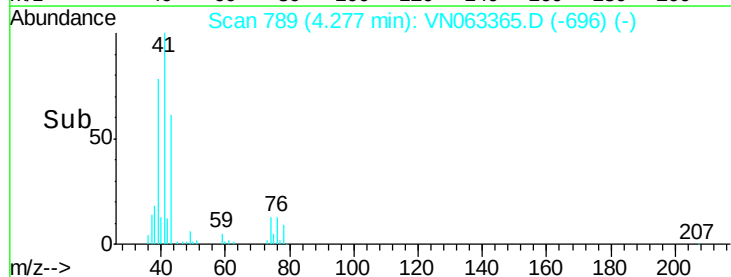
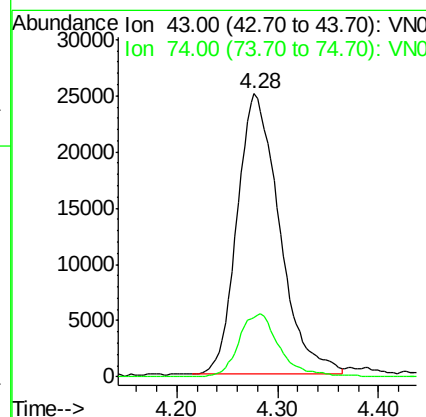
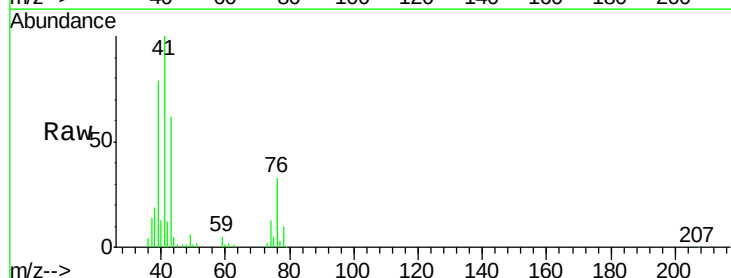
Manual Integrations  
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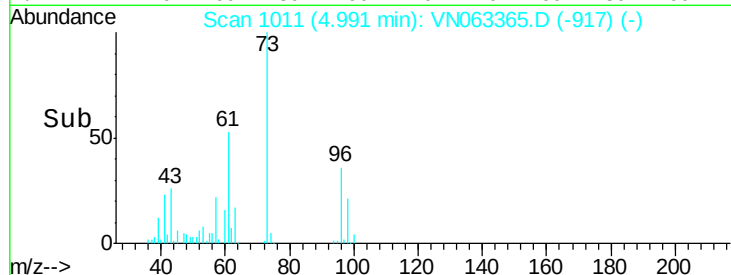
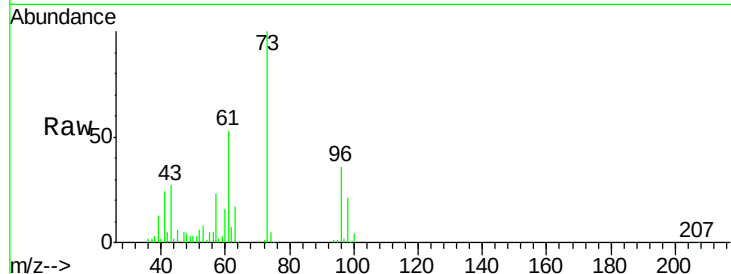
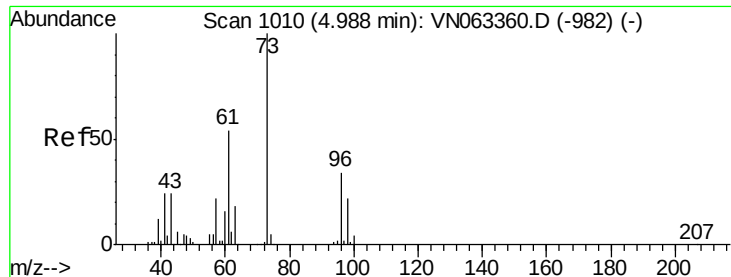
MMDadoda  
9/17/2020 1:08:49 PM



#18  
Methyl Acetate  
Concen: 19.629 ug/l  
RT: 4.28 min Scan# 789  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.4  | 17.4  | 26.2  |





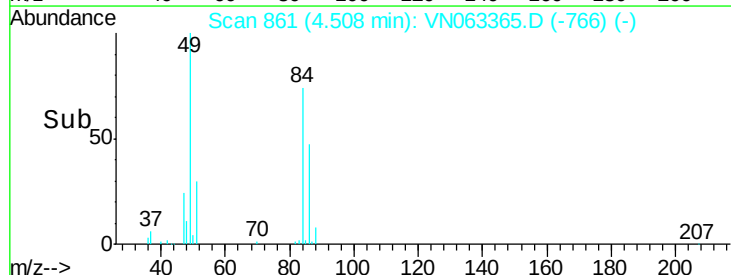
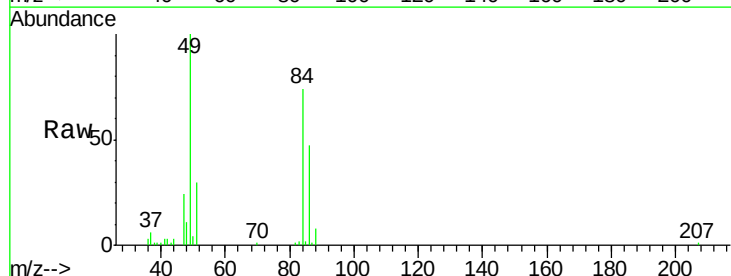
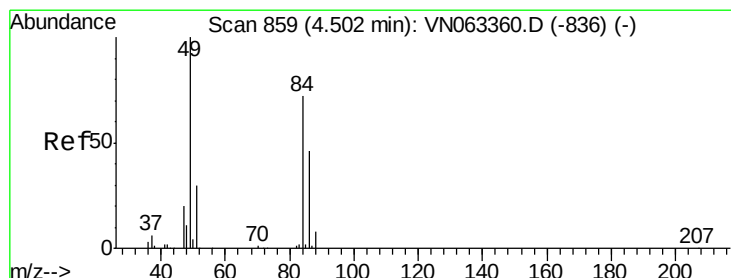
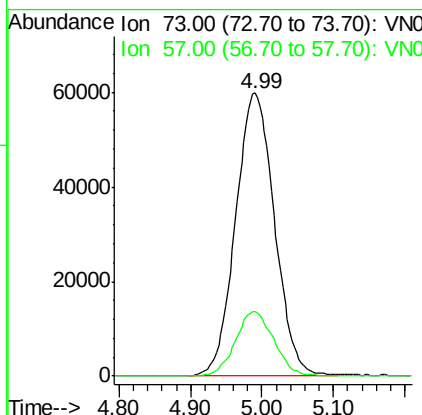
#19  
Methyl tert-butyl Ether  
Concen: 20.207 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Tot Ion: 73 Resp: 227340  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.9 26.9

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0916WBS01

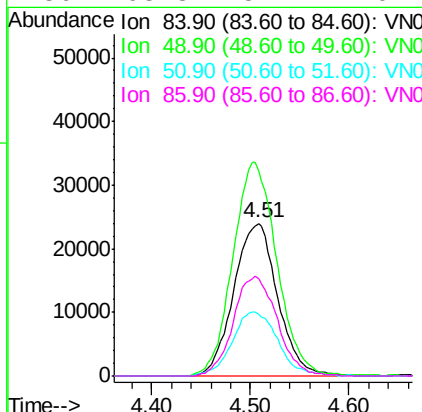
Manual Integrations  
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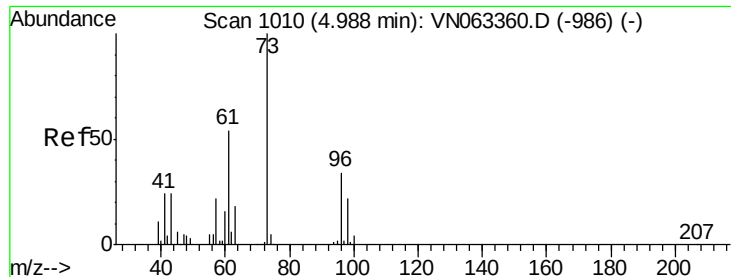
MMDadoda  
9/17/2020 1:08:49 PM



#20  
Methylene Chloride  
Concen: 19.940 ug/l  
RT: 4.51 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Tgt Ion: 84 Resp: 73931  
Ion Ratio Lower Upper  
84 100  
49 134.4 110.7 166.1  
51 39.8 32.9 49.3  
86 63.8 51.1 76.7





#21

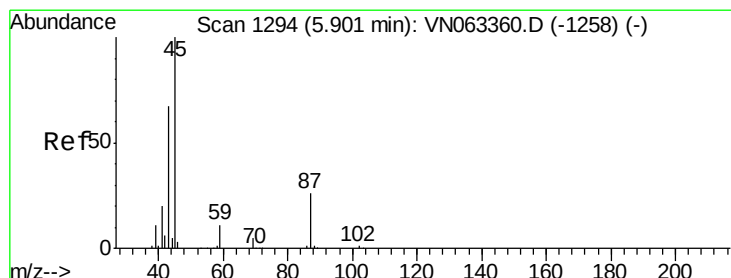
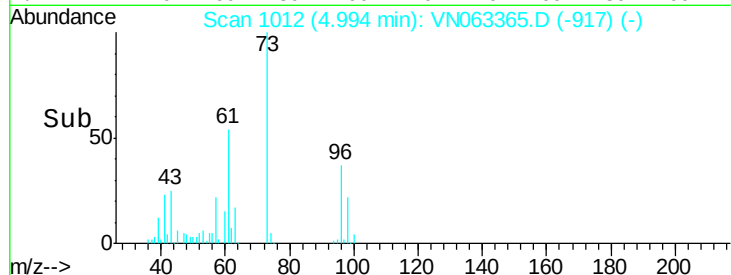
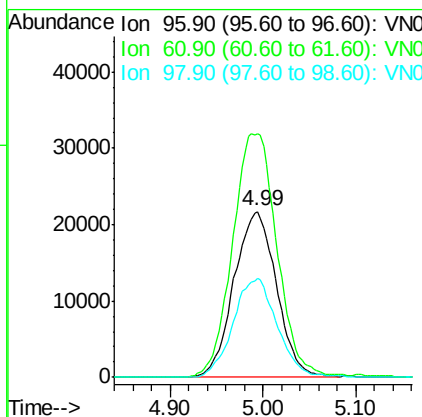
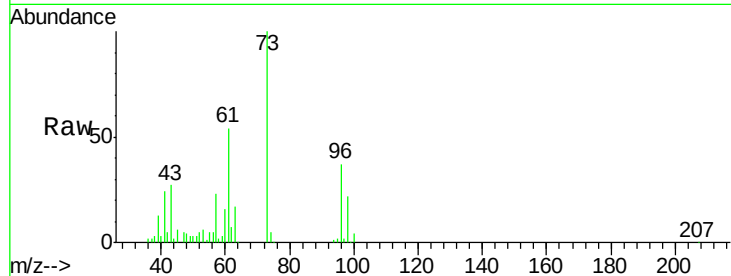
trans-1,2-Dichloroethene  
Concen: 20.663 ug/l  
RT: 4.99 min Scan# 1012  
Delta R.T. 0.01 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 146.9 | 126.2 | 189.4 |
| 98      | 59.9  | 51.0  | 76.4  |

Manual Integrations  
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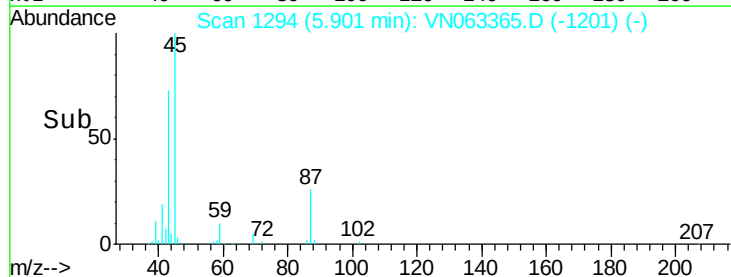
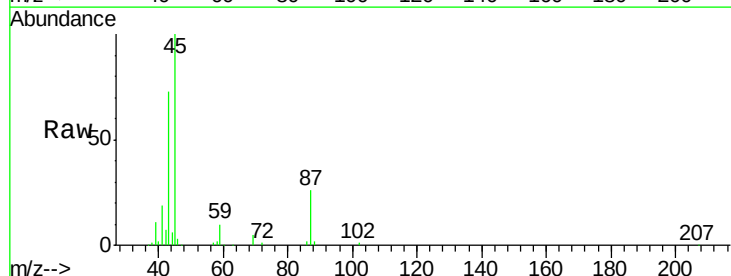
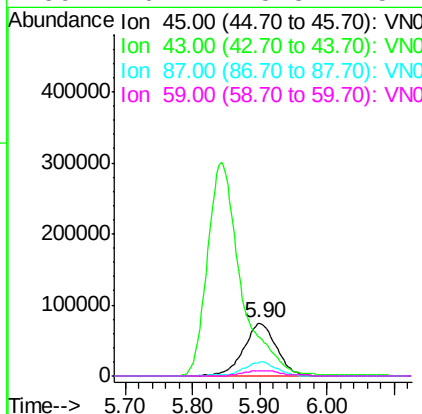
MMDadoda  
9/17/2020 1:08:49 PM



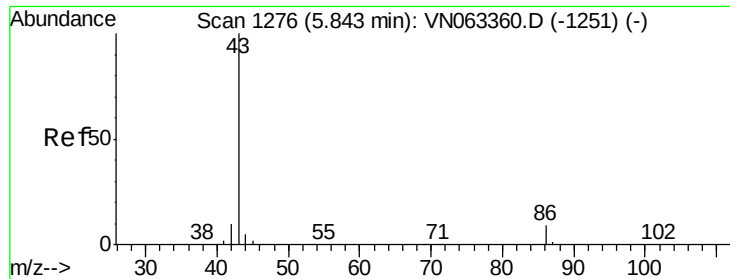
#22

Diisopropyl ether  
Concen: 20.731 ug/l  
RT: 5.90 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 70.2  | 53.5  | 80.3  |
| 87      | 26.2  | 21.2  | 31.8  |
| 59      | 10.2  | 8.8   | 13.2  |







#23

Vinyl Acetate

Concen: 104.544 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampled :

VN0916WBS01

Tot Ion: 43 Resp: 1045533

Ion Ratio Lower Upper

43 100

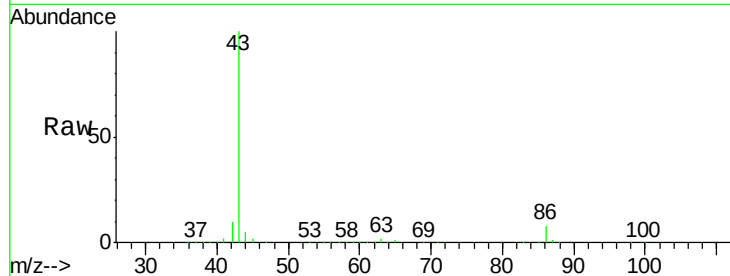
86 8.3 7.1 10.7

Manual Integrations

APPROVED

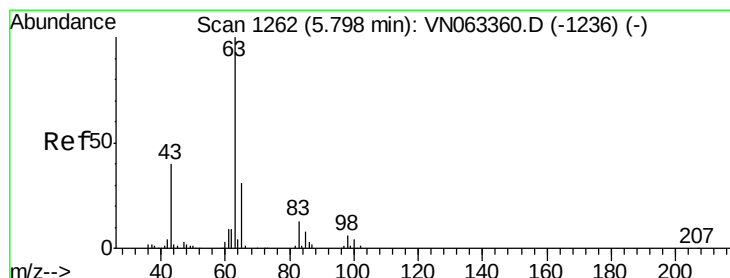
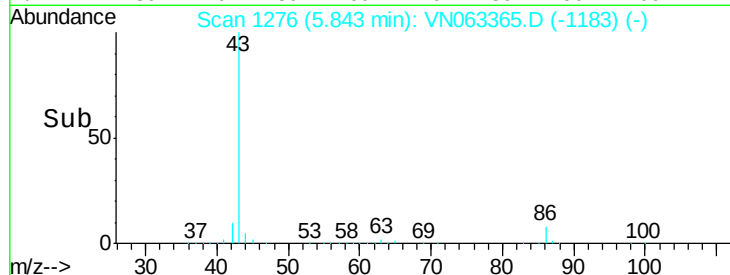
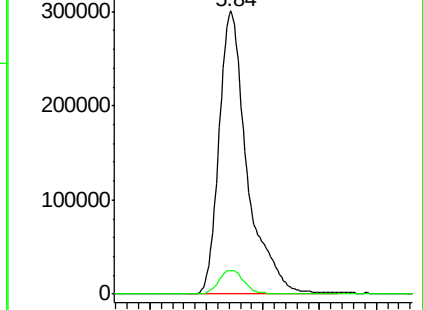
MMDadoda

9/17/2020 1:08:49 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.028 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

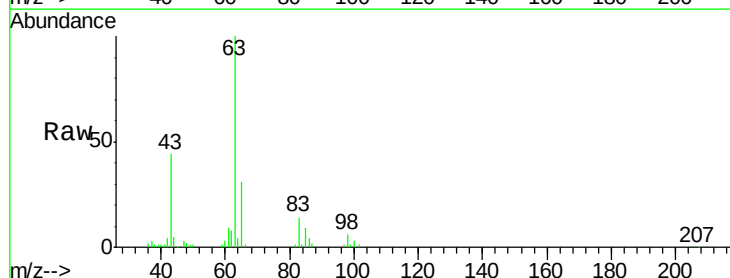
Tgt Ion: 63 Resp: 139799

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

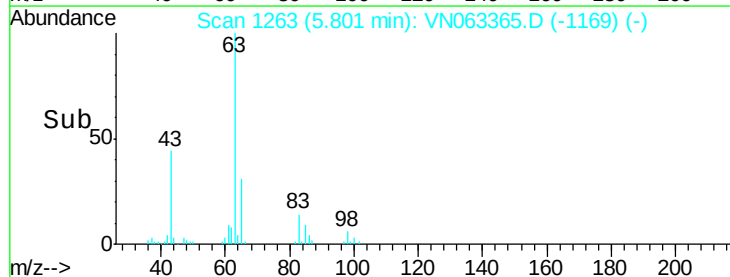
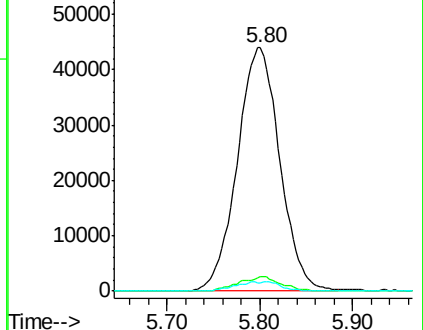
100 3.5 2.1 6.3

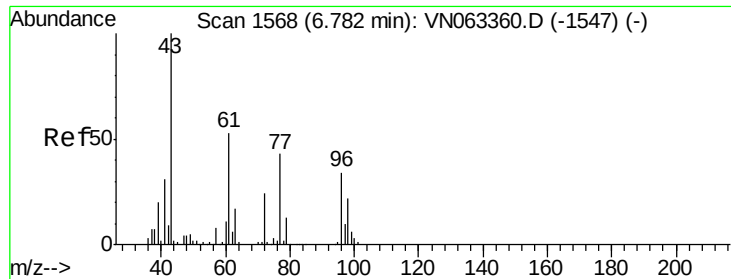


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





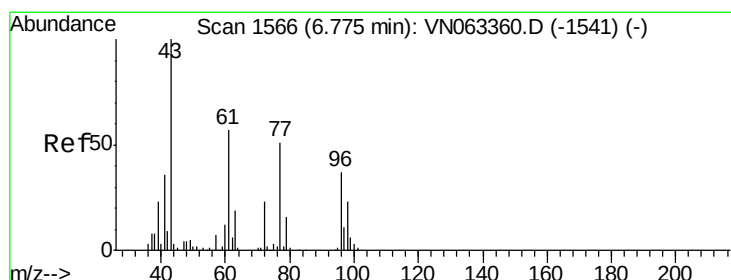
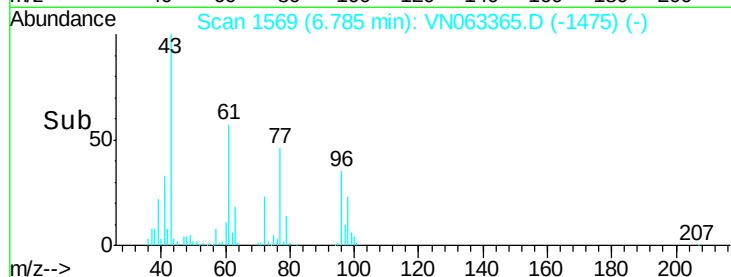
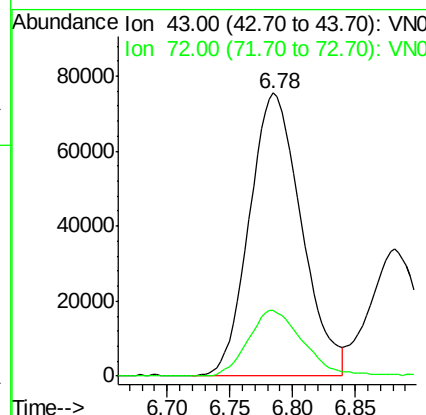
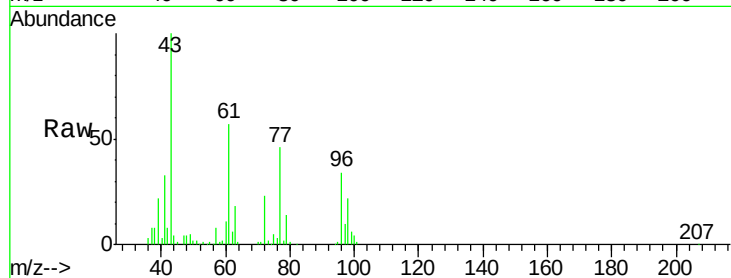
#25  
2-Butanone  
Concen: 96.413 ug/l  
RT: 6.78 min Scan# 1569  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

Tot Ion: 43 Resp: 216991  
Ion Ratio Lower Upper  
43 100  
72 23.4 19.2 28.8

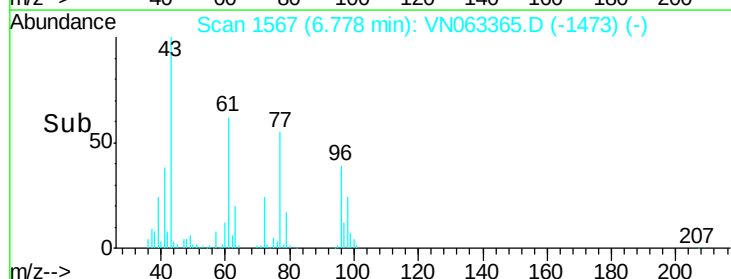
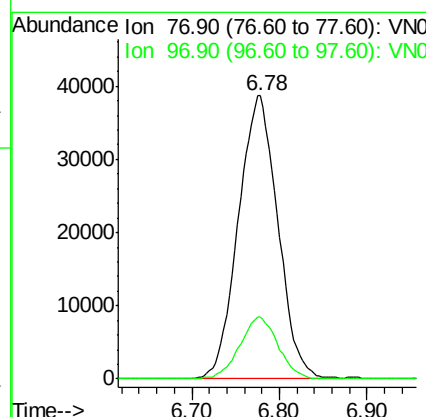
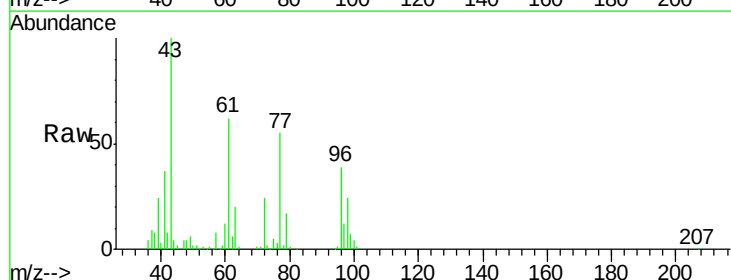
Manual Integrations  
APPROVED

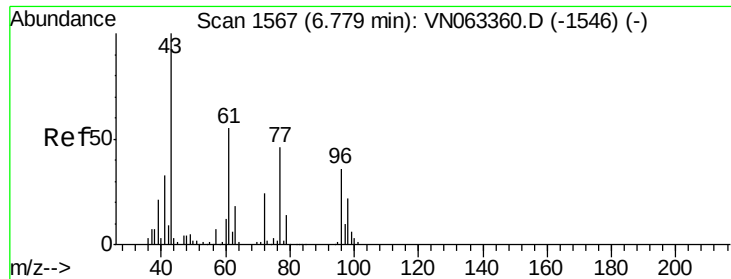
MMDadoda  
9/17/2020 1:08:49 PM



#26  
2,2-Dichloropropane  
Concen: 20.705 ug/l  
RT: 6.78 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Tgt Ion: 77 Resp: 121197  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 20.892 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

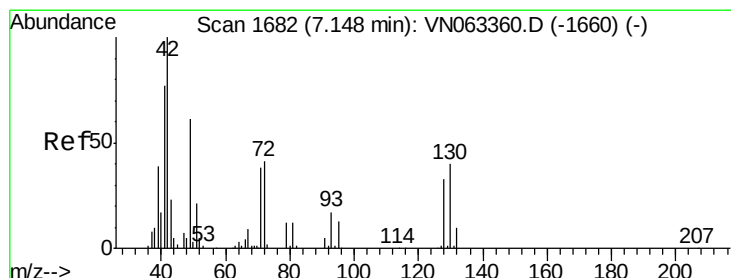
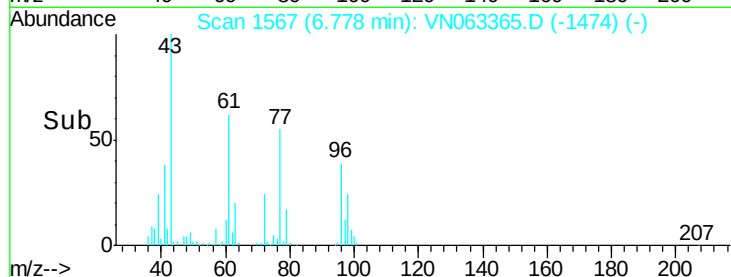
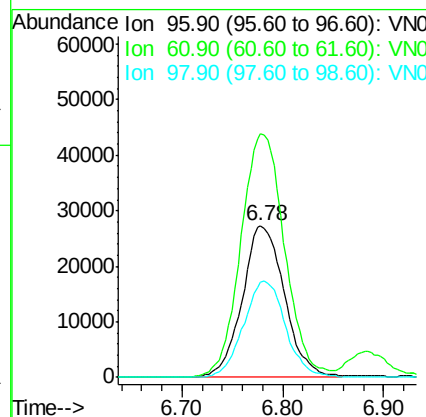
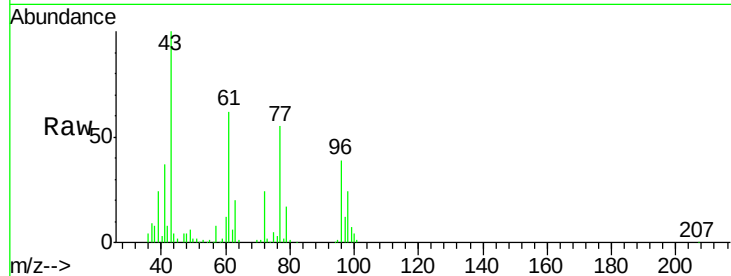
ClientSampleId :

VN0916WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 79084 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 166.6 | 0.0   | 319.6 |
| 98       | 63.1  | 0.0   | 127.8 |

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#28

Bromochloromethane

Concen: 19.133 ug/l

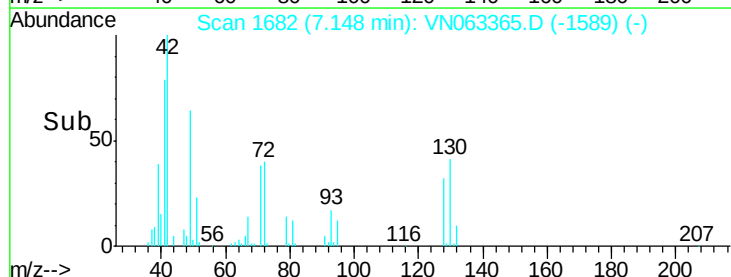
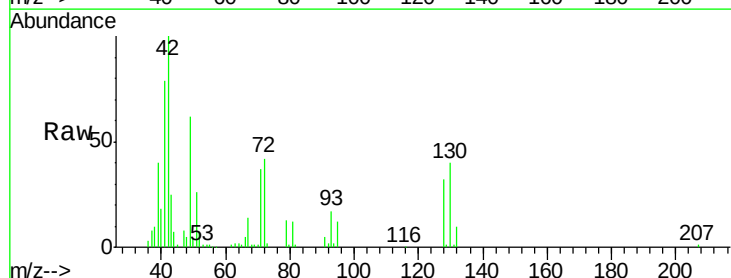
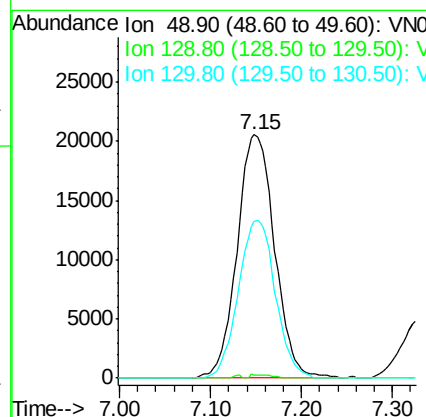
RT: 7.15 min Scan# 1682

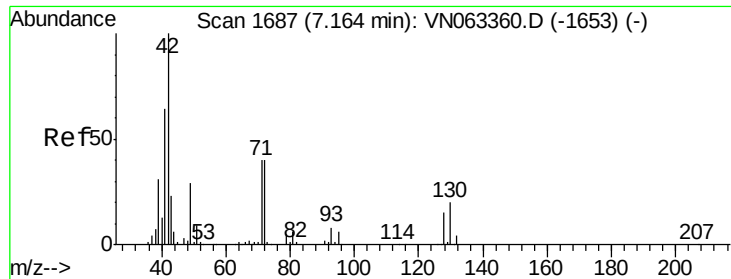
Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 58734 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.8   | 0.0   | 3.8   |
| 130      | 64.0  | 52.2  | 78.2  |





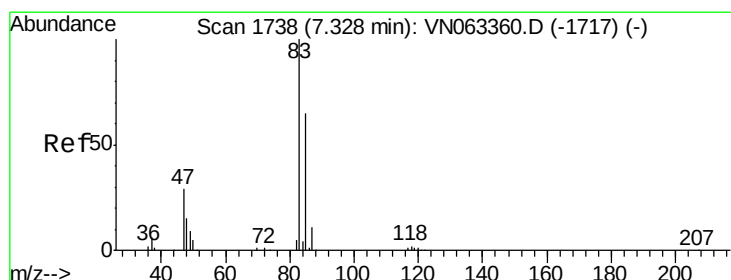
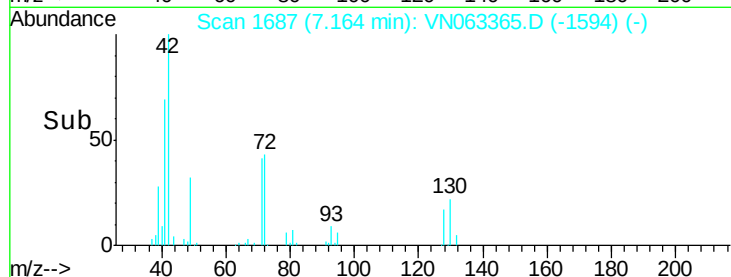
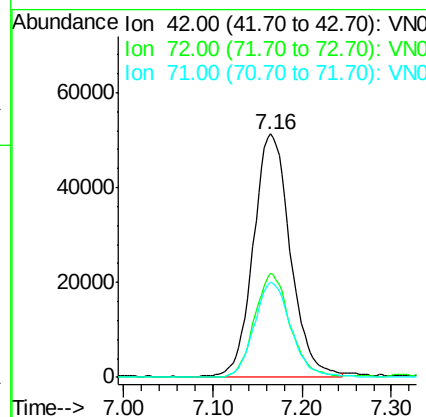
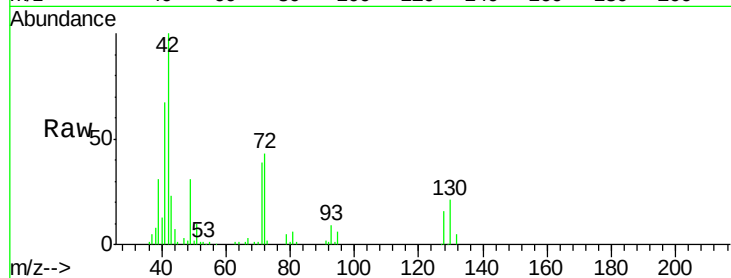
#29  
Tetrahydrofuran  
Concen: 96.793 ug/l  
RT: 7.16 min Scan# 1687  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.8  | 32.1  | 48.1  |
| 71      | 38.5  | 31.2  | 46.8  |

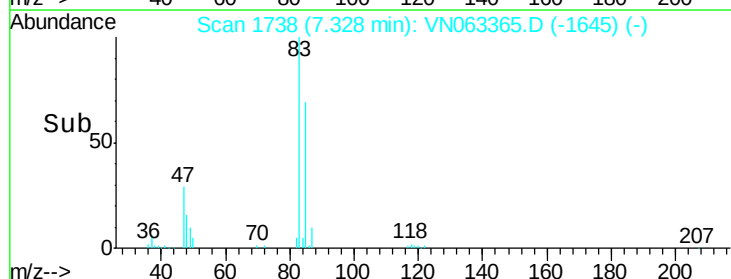
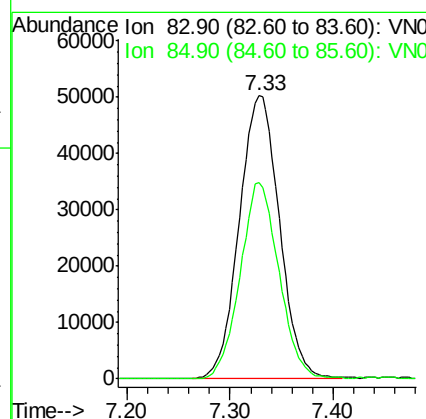
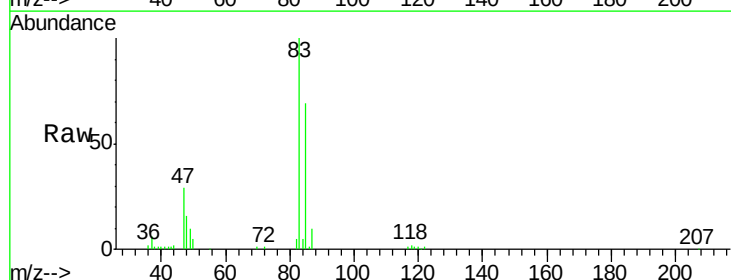
Manual Integrations  
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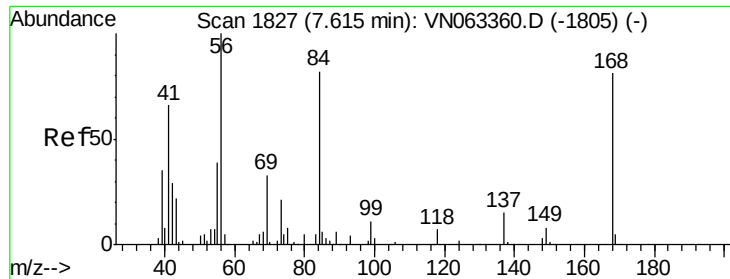
MMDadoda  
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#30  
Chloroform  
Concen: 20.447 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 69.5  | 52.1  | 78.1  |





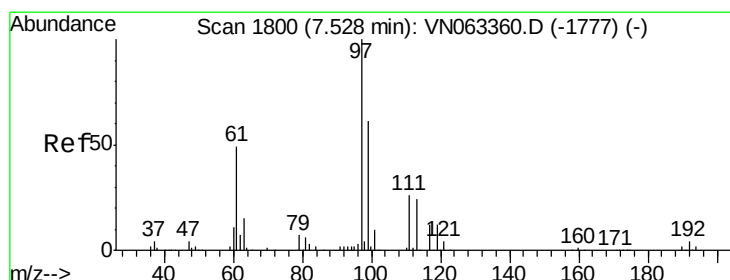
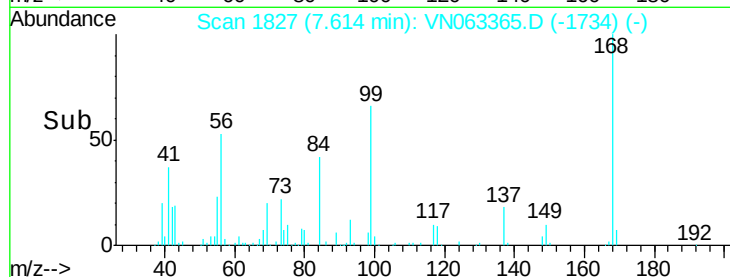
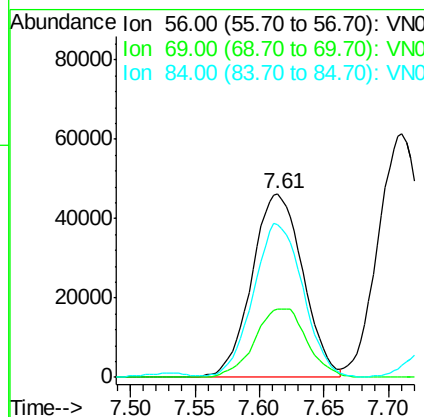
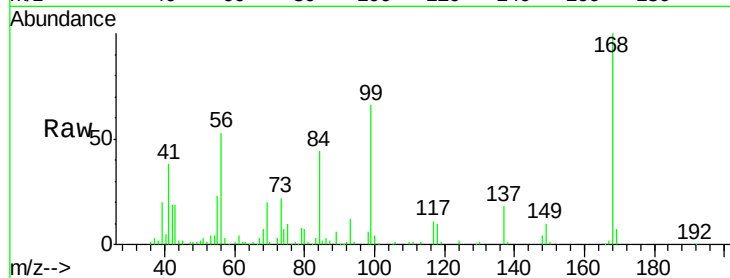
#31  
Cyclohexane  
Concen: 20.293 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.1  | 26.1  | 39.1  |
| 84      | 82.0  | 65.4  | 98.2  |

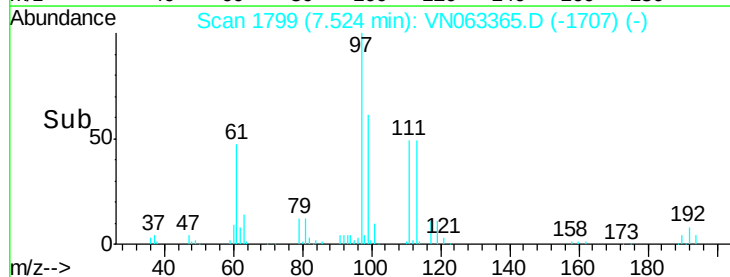
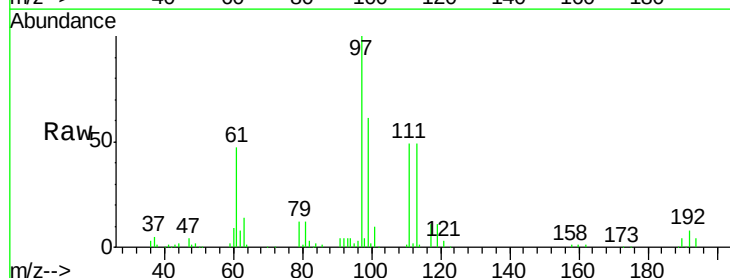
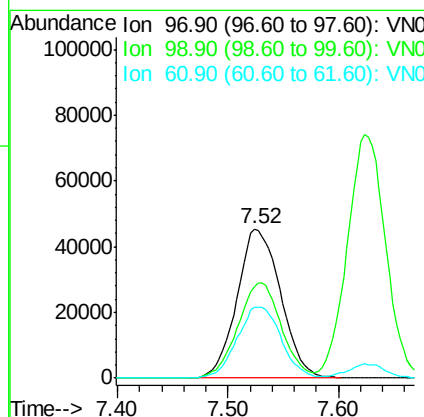
Manual Integrations  
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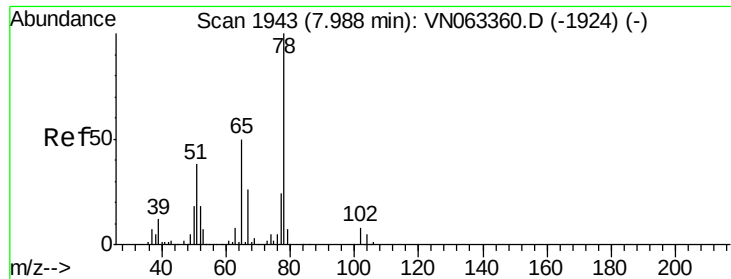
MMDadoda  
9/17/2020 1:08:49 PM



#32  
1,1,1-Trichloroethane  
Concen: 20.963 ug/l  
RT: 7.52 min Scan# 1799  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.3  | 50.6  | 76.0  |
| 61      | 48.0  | 39.2  | 58.8  |





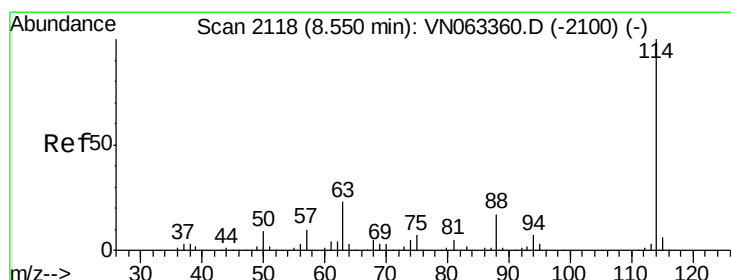
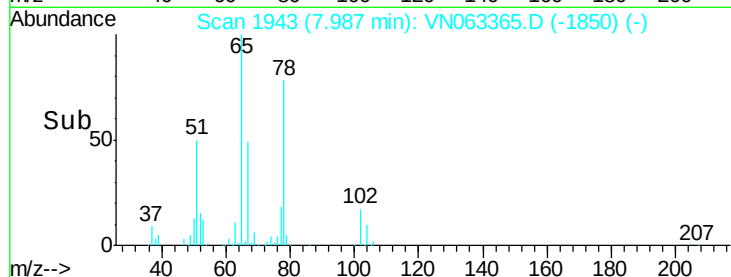
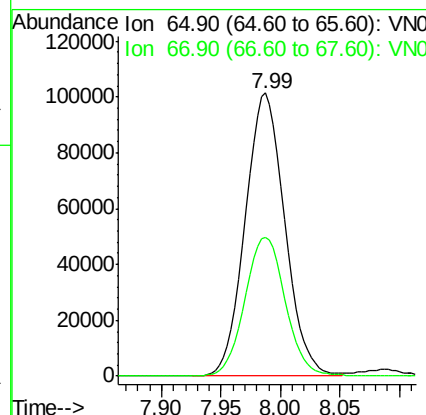
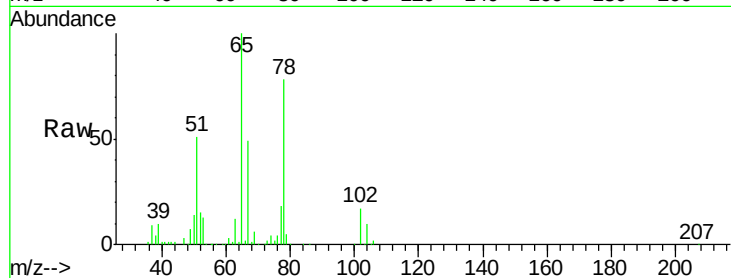
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.485 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 234431 |       |       |
| 67      | 50.1  | 0.0    | 104.2 |       |

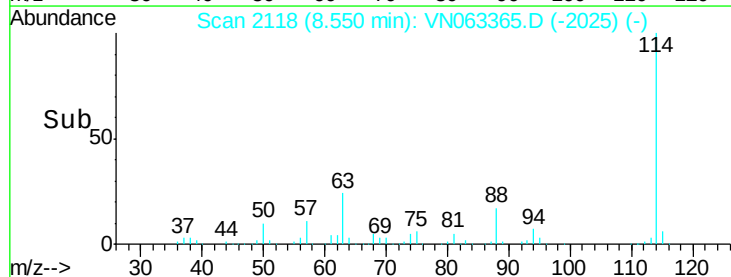
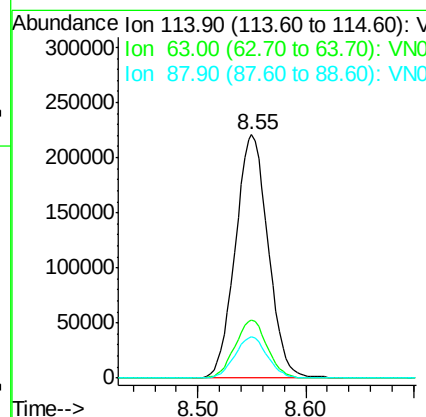
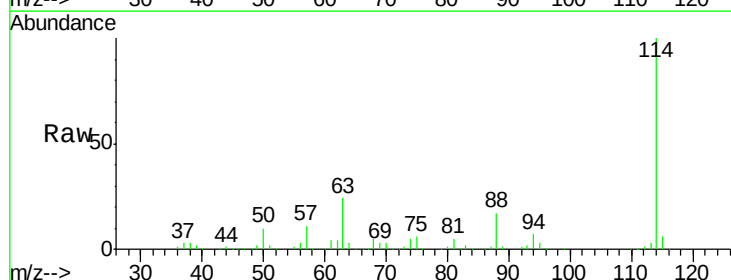
Manual Integrations  
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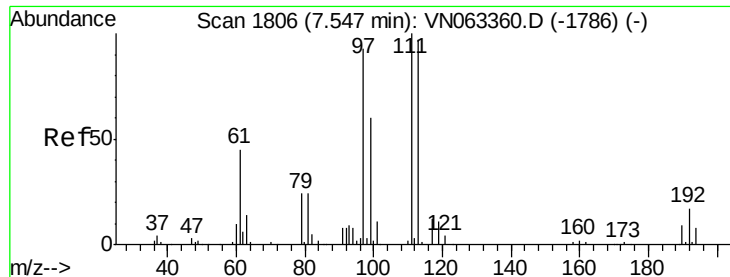
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 467280 |       |       |
| 63      | 23.9  | 0.0    | 46.4  |       |
| 88      | 17.2  | 0.0    | 33.2  |       |





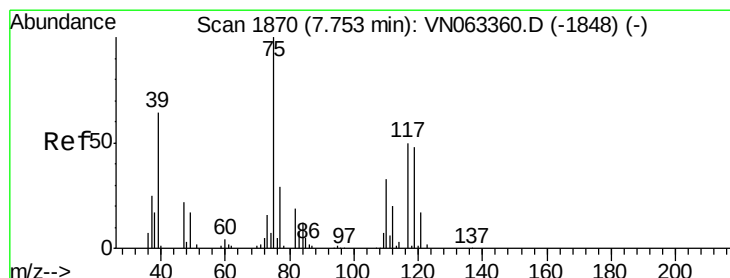
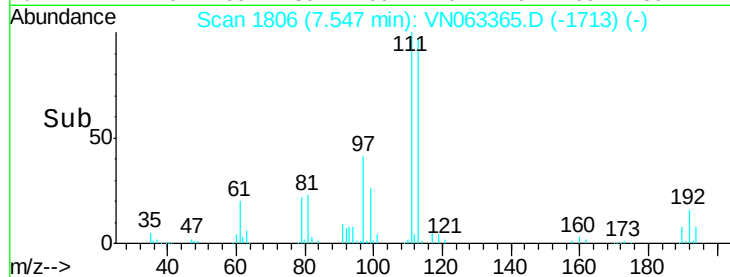
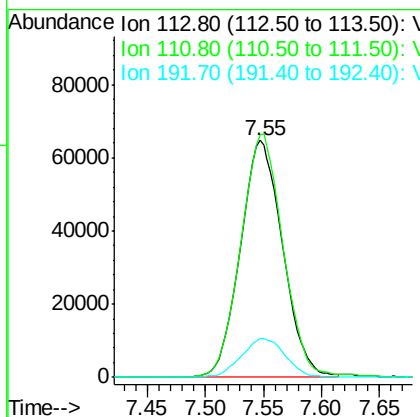
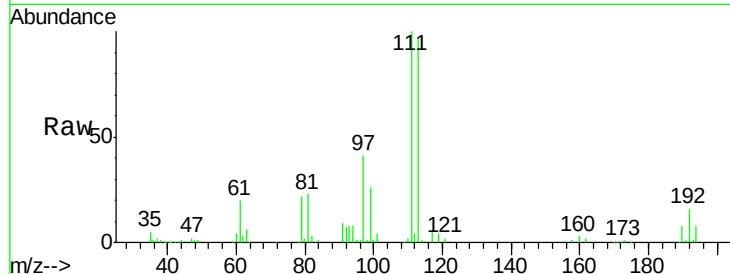
#35  
 Dibromofluoromethane  
 Concen: 50.749 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 164168 |       |       |
| 111     | 102.6 | 82.9   | 124.3 |       |
| 192     | 17.0  | 13.9   | 20.9  |       |

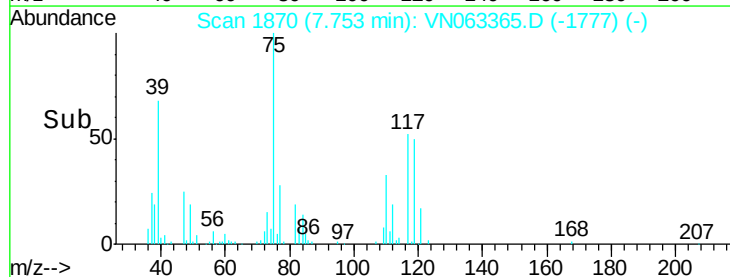
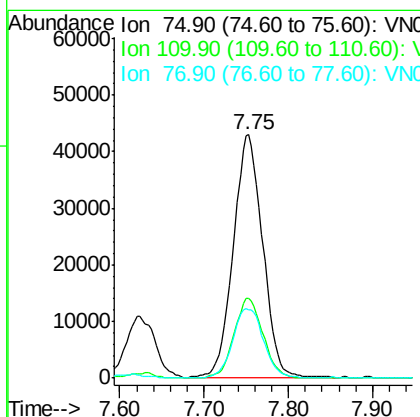
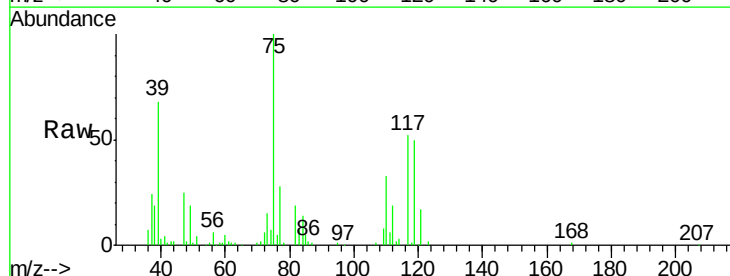
Manual Integrations  
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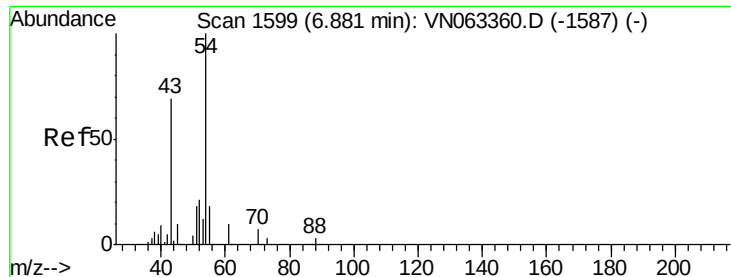
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 21.087 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 104978 |       |       |
| 110     | 32.0  | 16.5   | 49.5  |       |
| 77      | 30.0  | 24.6   | 36.8  |       |





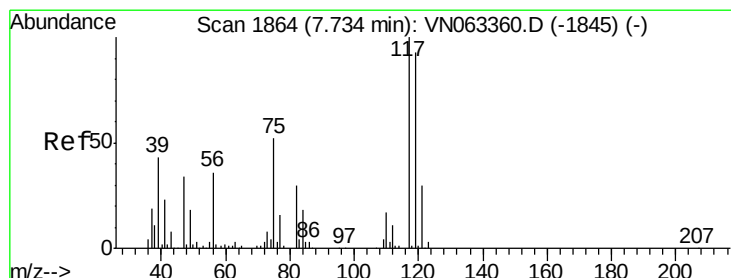
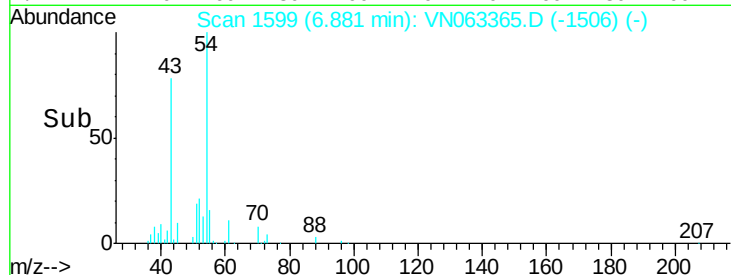
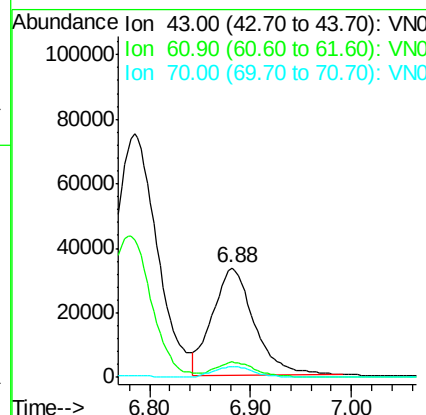
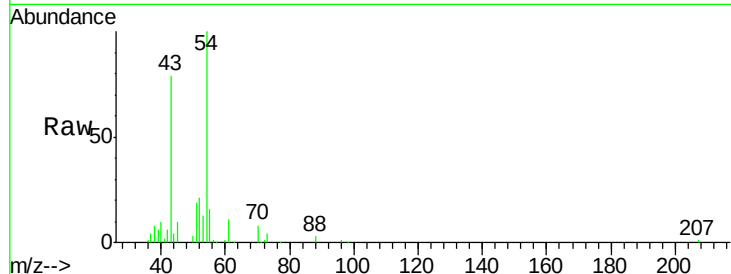
#37  
Ethyl Acetate  
Concen: 19.729 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.7  | 10.6  | 15.8  |
| 70      | 9.7   | 7.2   | 10.8  |

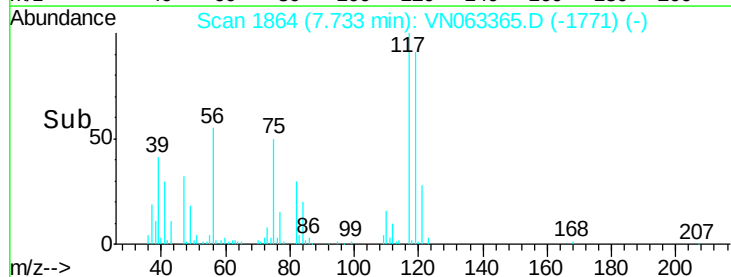
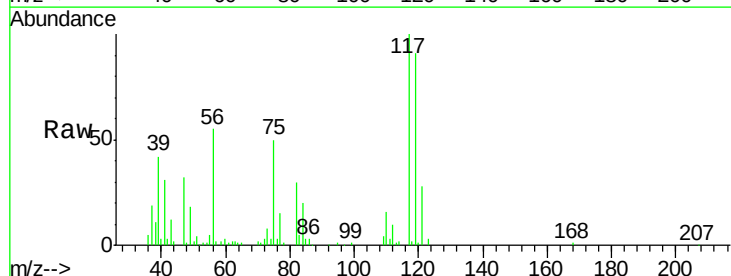
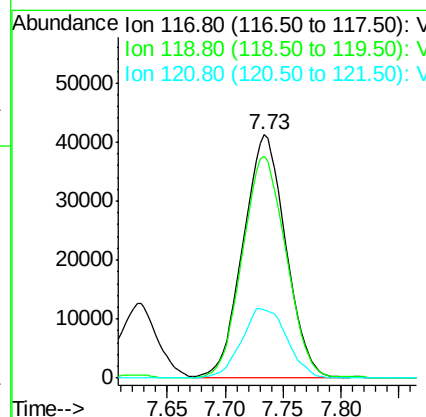
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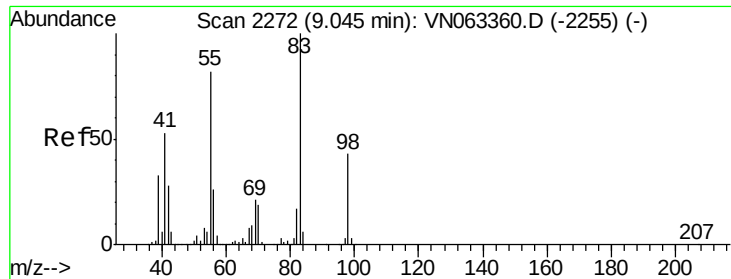


#38  
Carbon Tetrachloride  
Concen: 20.686 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.6  | 74.5  | 111.7 |
| 121     | 28.2  | 24.1  | 36.1  |







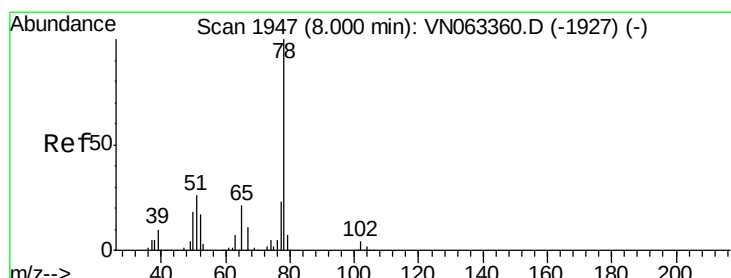
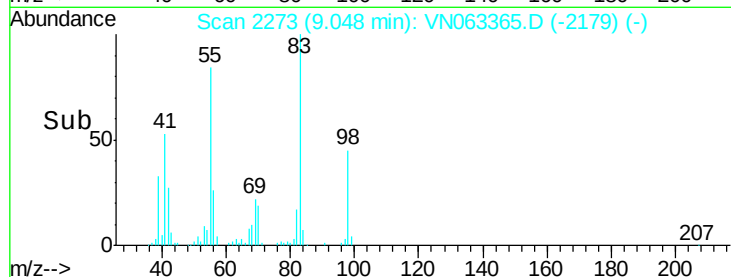
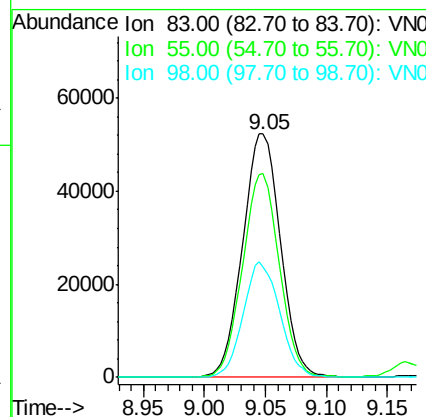
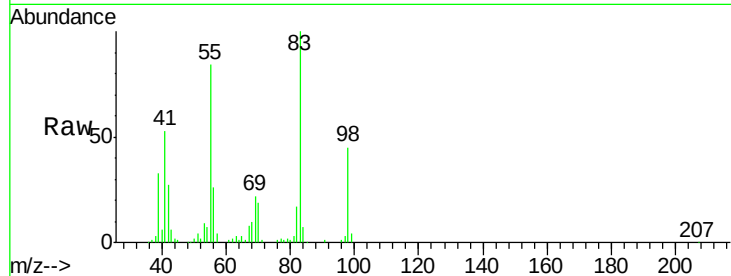
#39  
Methylvlcyclohexane  
Concen: 20.809 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 83.6  | 65.5 | 98.3  |       |
| 98      | 45.3  | 34.2 | 51.4  |       |

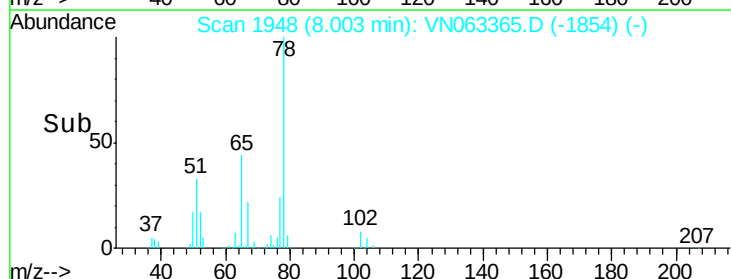
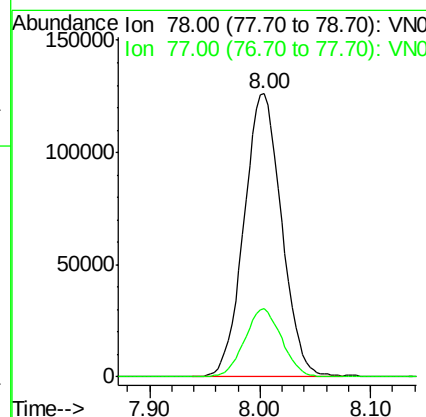
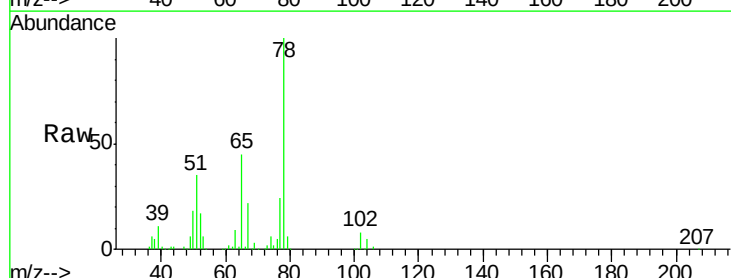
Manual Integrations  
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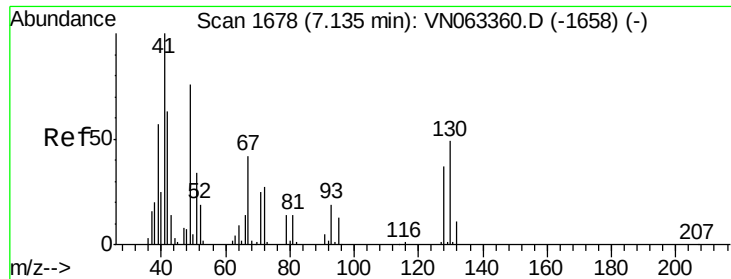
MMDadoda  
9/17/2020 1:08:49 PM



#40  
Benzene  
Concen: 20.988 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 24.0  | 18.3 | 27.5  |       |





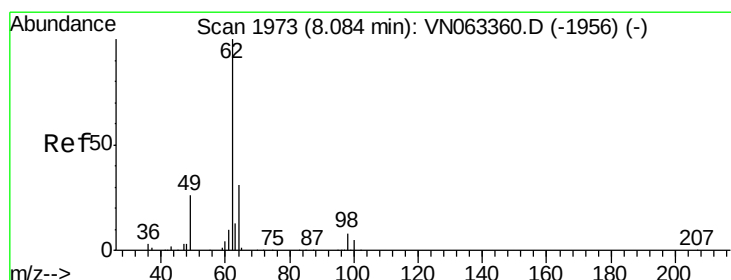
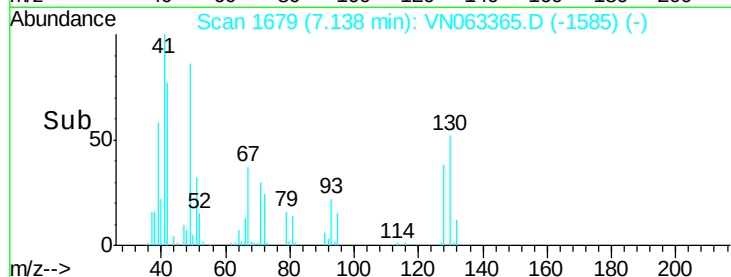
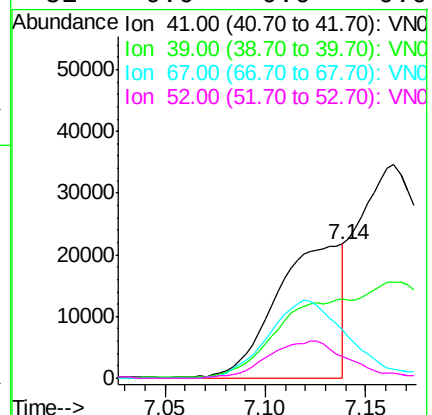
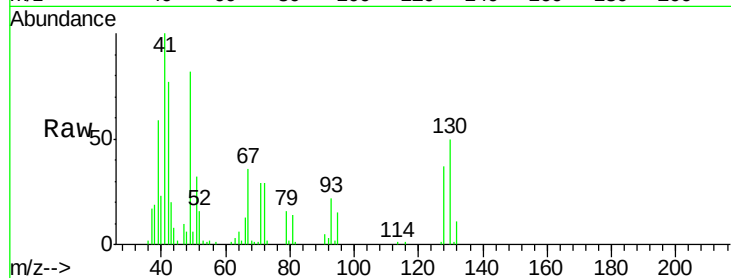
#41  
Methacrylonitrile  
Concen: 22.868 ug/l m  
RT: 7.14 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | 41    | Resp  | 50253 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 145.9 | 0.0   | 0.0#  |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

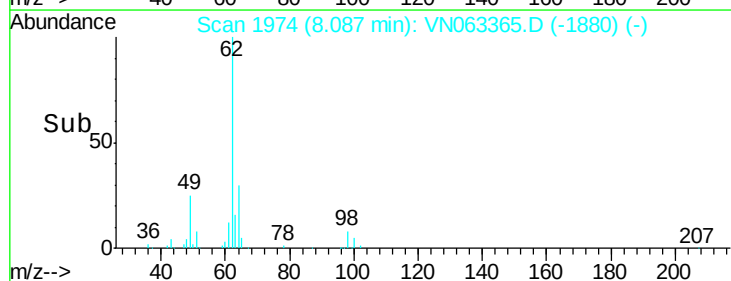
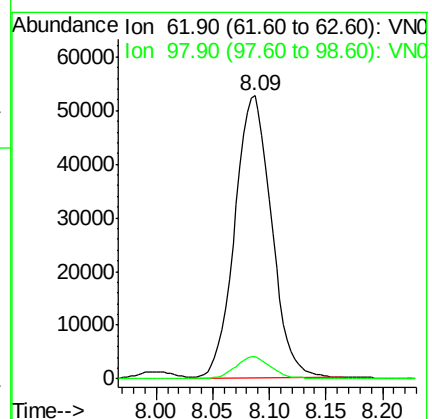
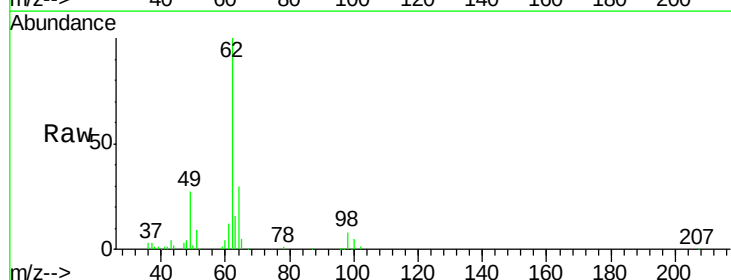
Manual Integrations  
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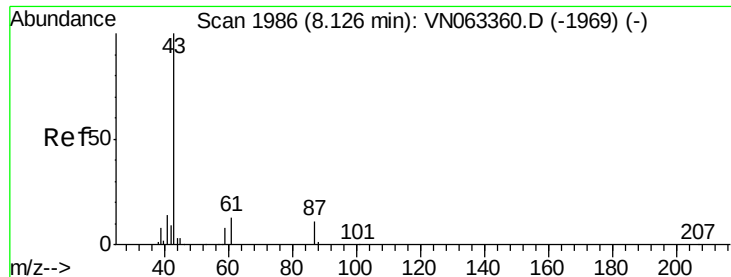
MMDadoda  
9/17/2020 1:08:49 PM



#42  
1,2-Dichloroethane  
Concen: 20.837 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | 62    | Resp  | 119084 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 7.7   | 0.0   | 15.6   |





#43

Isopropyl Acetate

Concen: 19.474 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

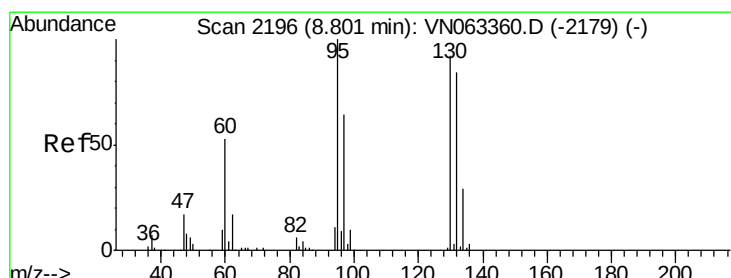
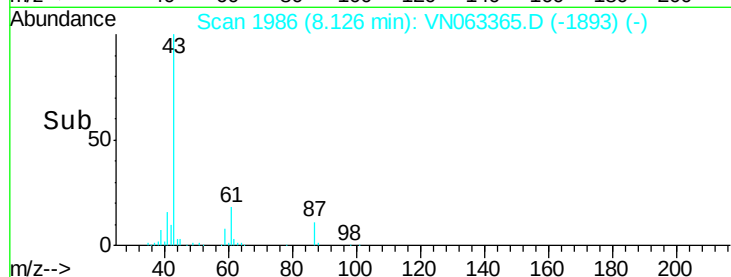
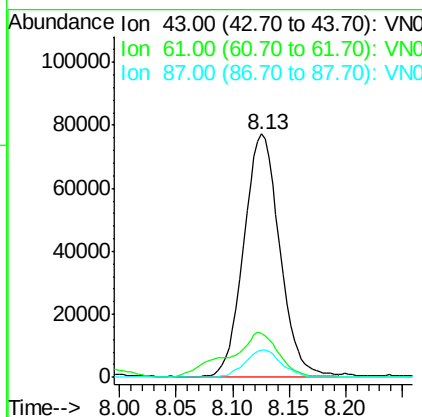
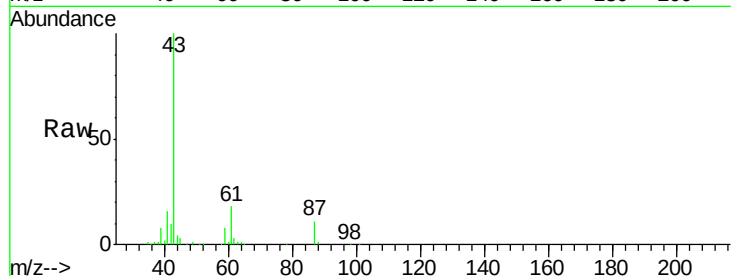
ClientSampleId :

VN0916WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 170132 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 25.2  | 14.2  | 21.2#  |
| 87       | 11.4  | 9.0   | 13.6   |

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#44

Trichloroethene

Concen: 20.950 ug/l

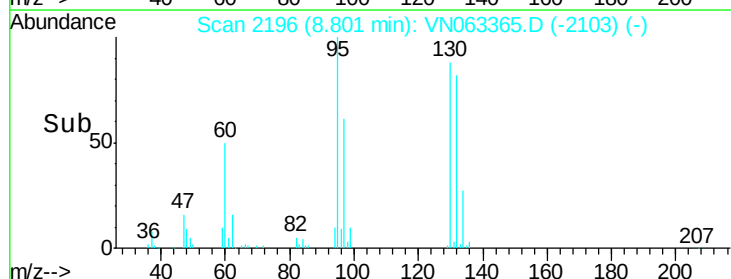
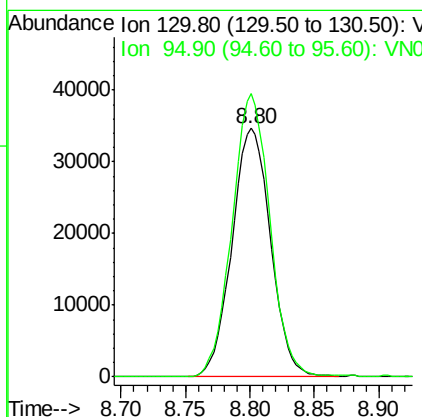
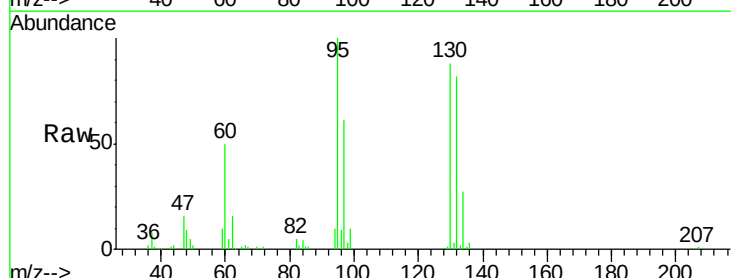
RT: 8.80 min Scan# 2196

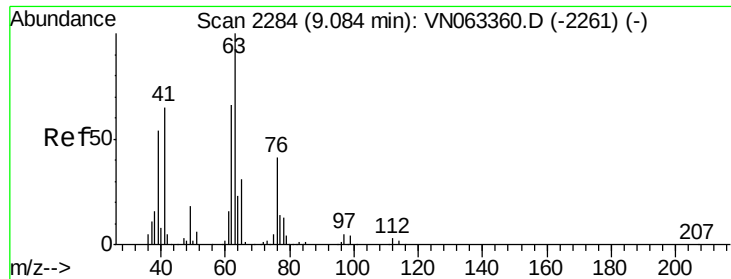
Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 72209 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 113.9 | 0.0   | 217.4 |





#45

1,2-Dichloropropane

Concen: 21.253 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampled :

VN0916WBS01

Tot Ion: 63 Resp: 82257

Ion Ratio Lower Upper

63 100

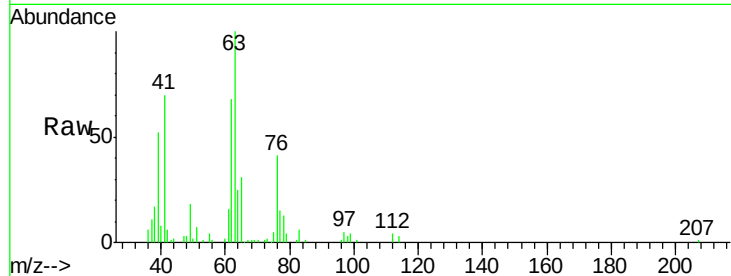
65 30.8 25.0 37.6

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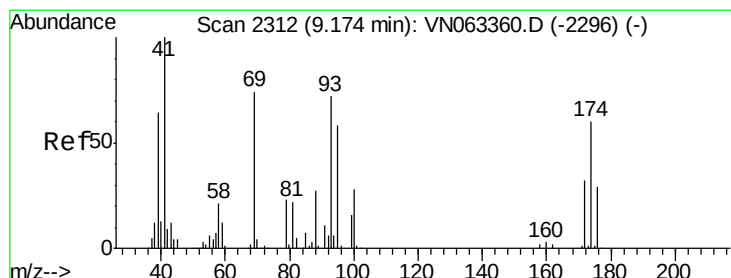
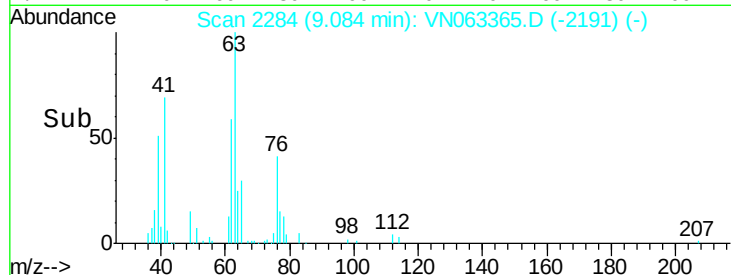
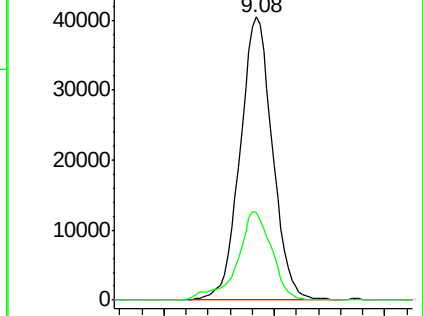
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.809 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

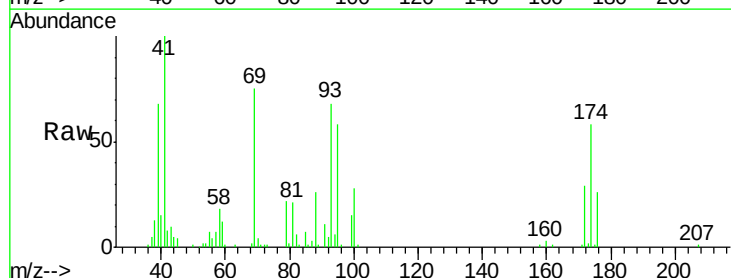
Tgt Ion: 93 Resp: 52935

Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

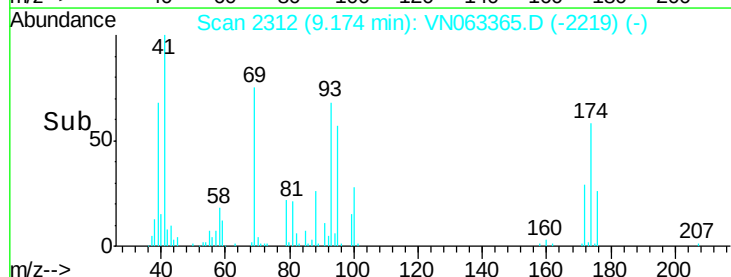
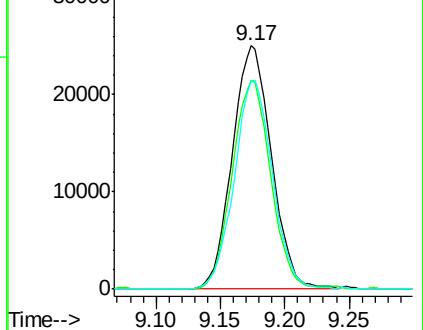
174 83.7 68.1 102.1

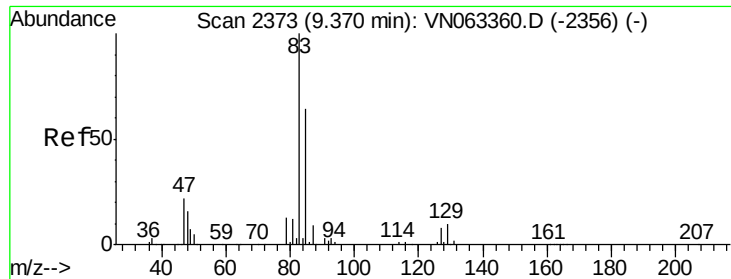


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.108 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

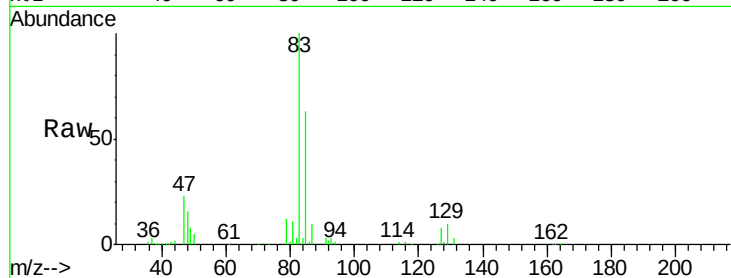
ClientSampleId :

VN0916WBS01

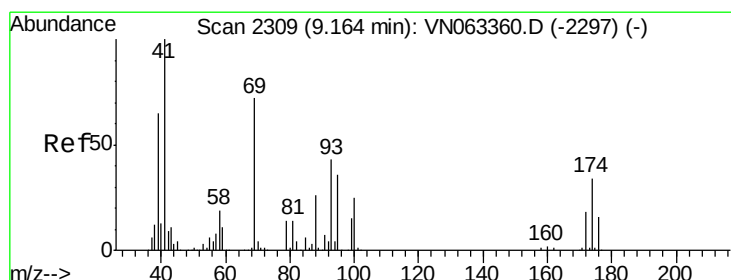
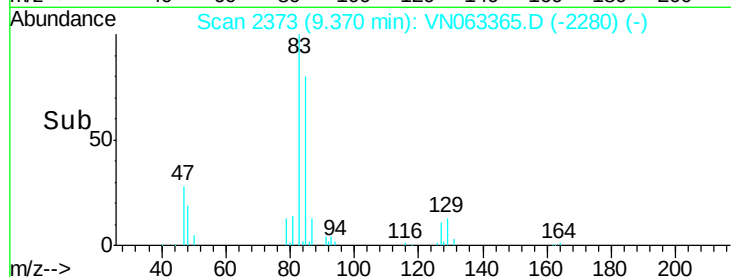
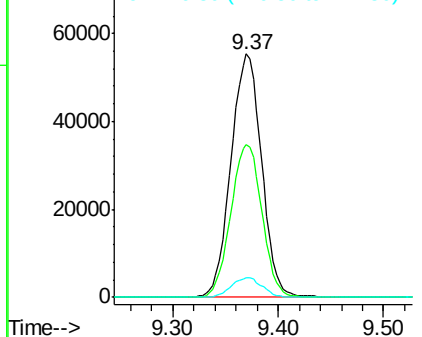
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 111552 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.9  | 51.0  | 76.6   |
| 127      | 8.2   | 6.3   | 9.5    |

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Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.001 ug/l

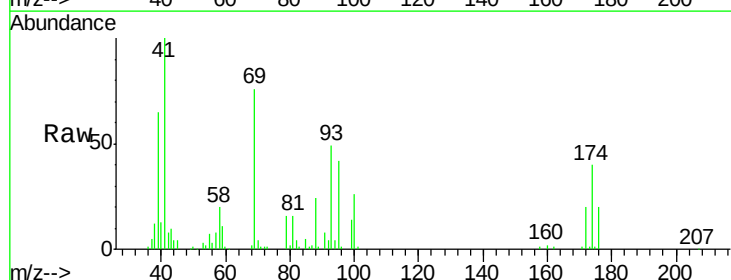
RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

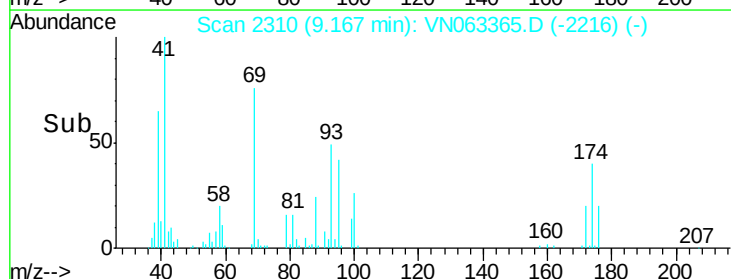
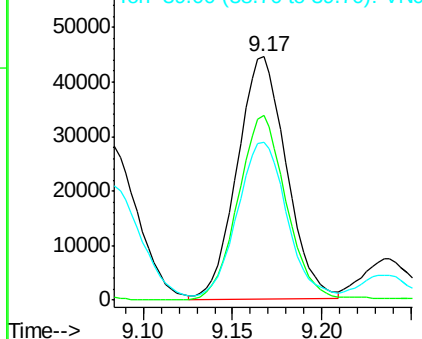
Lab File: VN063365.D

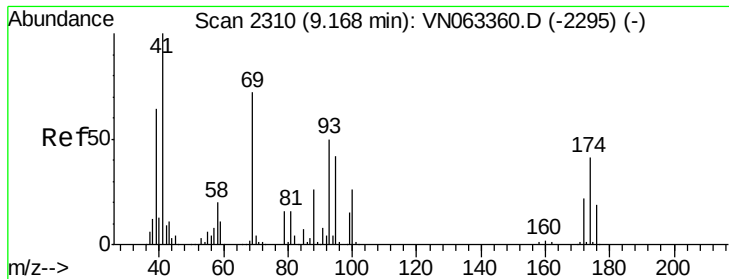
Acq: 16 Sep 2020 15:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 85849 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 75.1  | 59.3  | 88.9  |
| 39       | 62.9  | 52.9  | 79.3  |



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 370.878 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

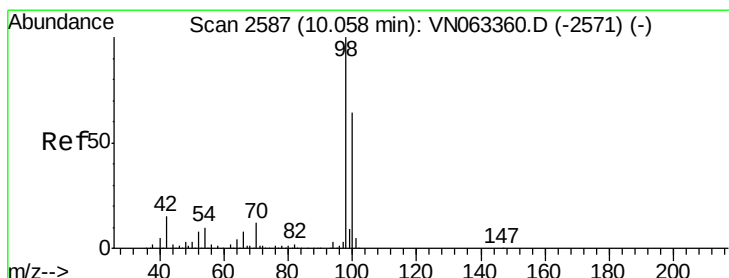
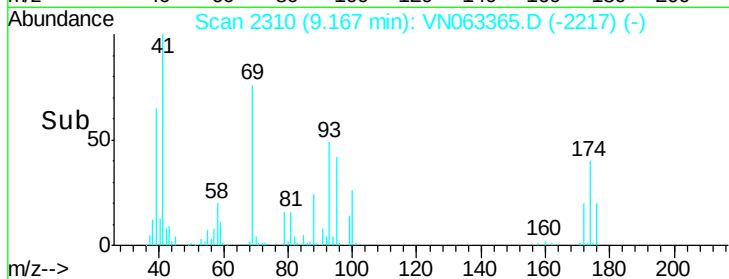
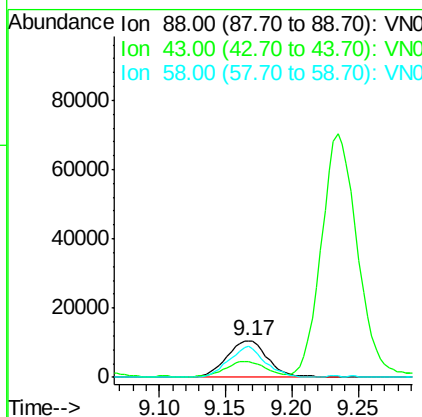
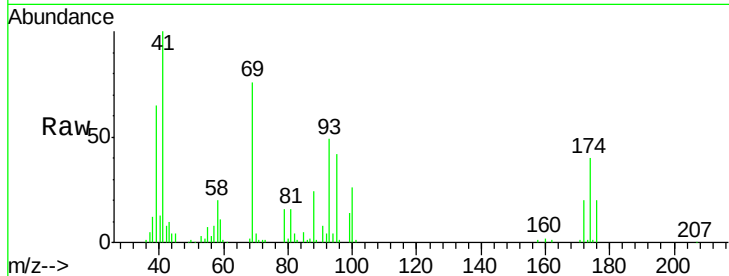
ClientSampleId :

VN0916WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 22845 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 39.1  | 32.6  | 49.0  |
| 58       | 74.3  | 60.0  | 90.0  |

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#50

Toluene-d8

Concen: 51.383 ug/l

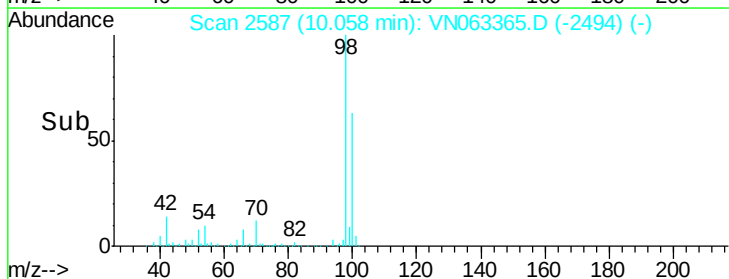
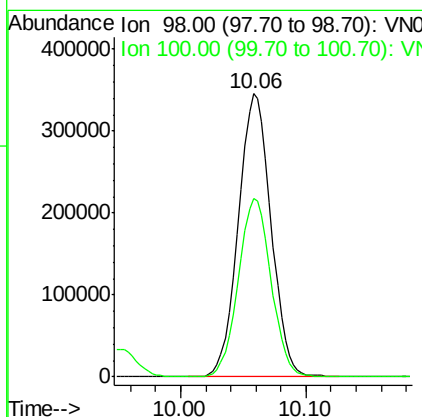
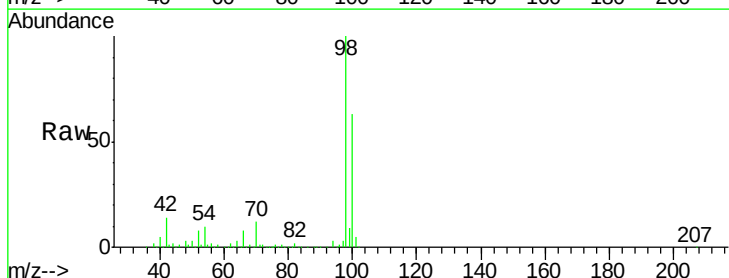
RT: 10.06 min Scan# 2587

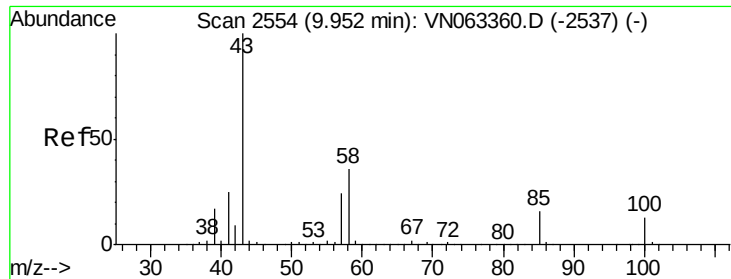
Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 625015 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.1  | 50.7  | 76.1   |





#51

4-Methyl-2-Pentanone

Concen: 101.001 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0916WBS01

Tot Ion: 43 Resp: 493997

Ion Ratio Lower Upper

43 100

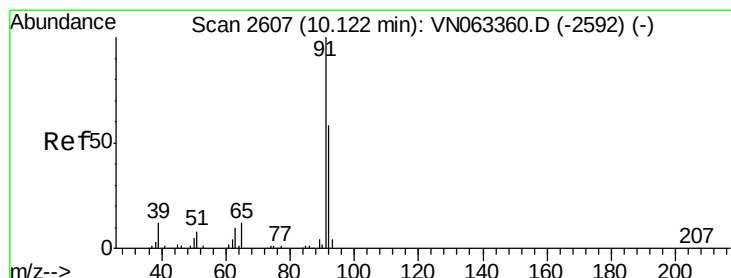
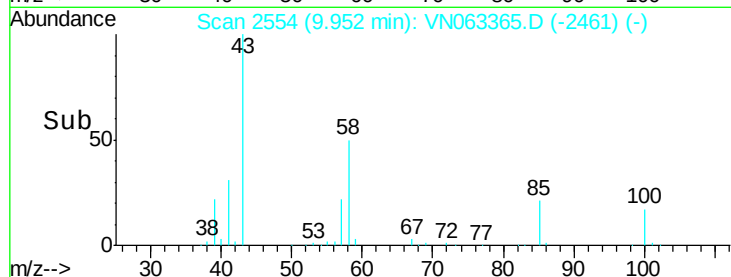
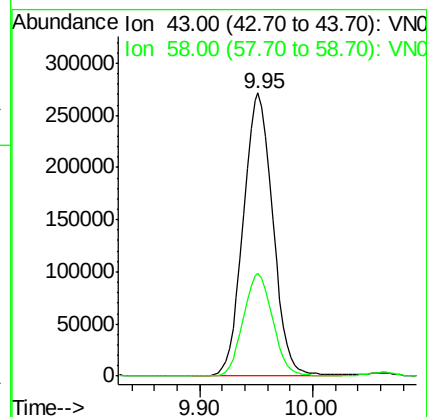
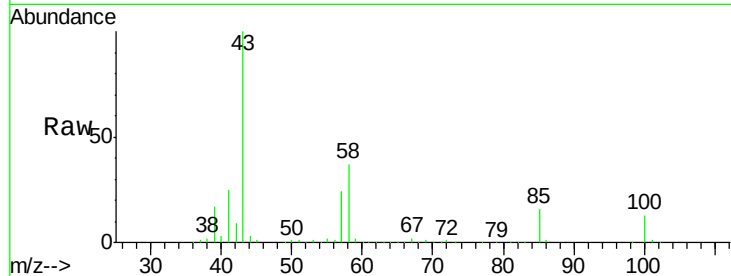
58 36.4 29.0 43.6

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#52

Toluene

Concen: 21.362 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063365.D

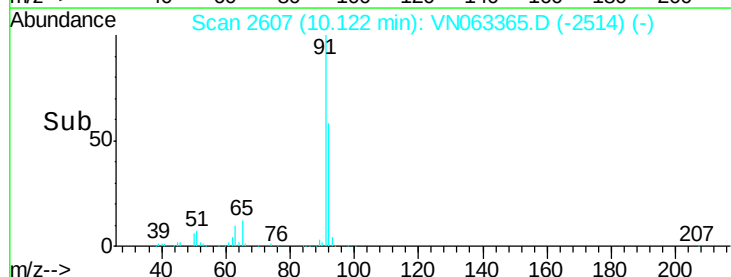
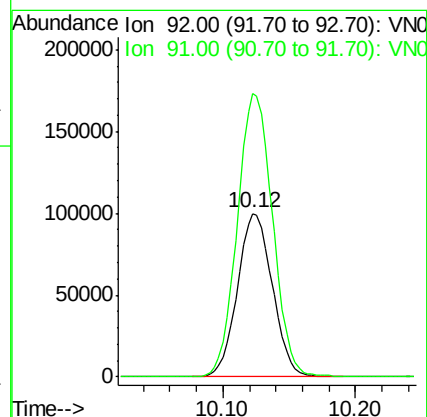
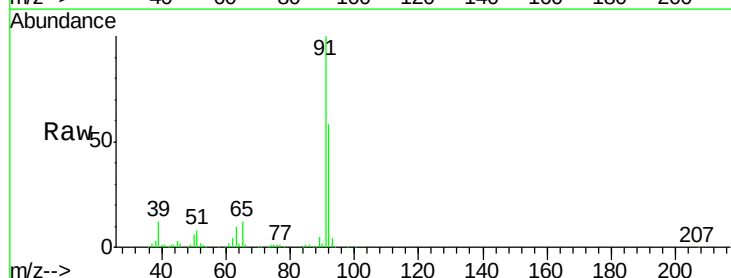
Acq: 16 Sep 2020 15:26

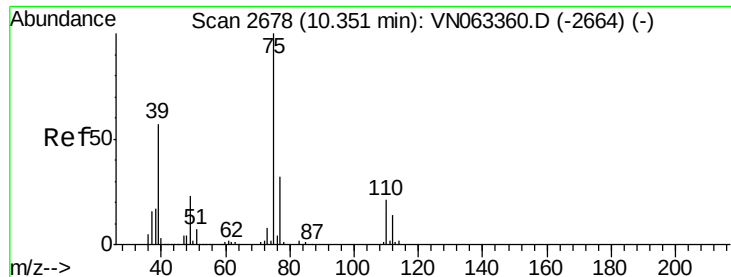
Tgt Ion: 92 Resp: 182517

Ion Ratio Lower Upper

92 100

91 175.5 139.7 209.5





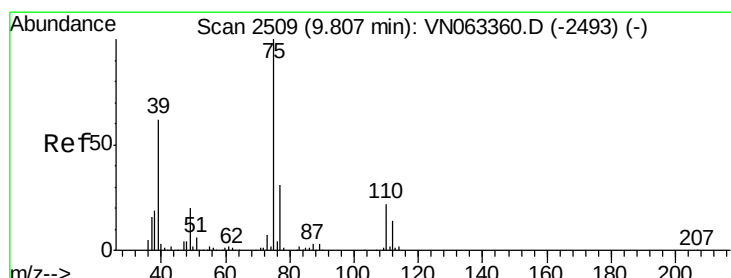
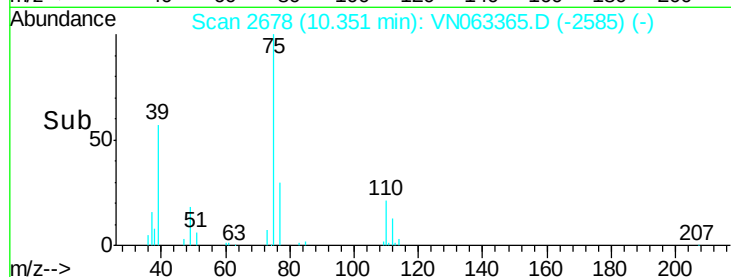
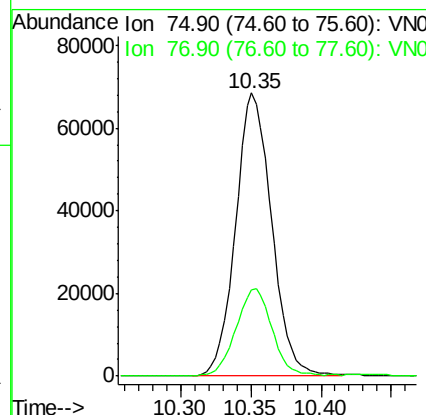
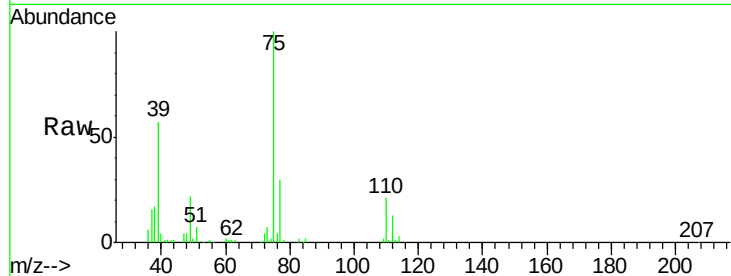
#53  
t-1,3-Dichloropropene  
Concen: 20.794 ug/l  
RT: 10.35 min Scan# 2678  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.2  | 25.4  | 38.2  |

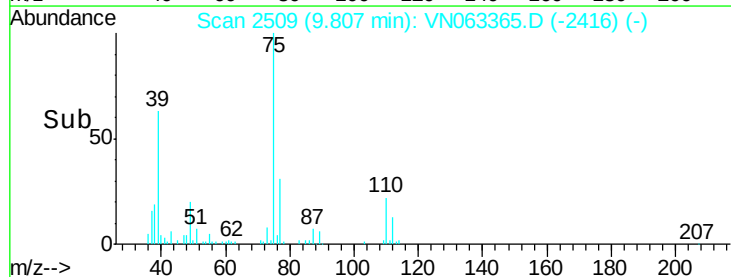
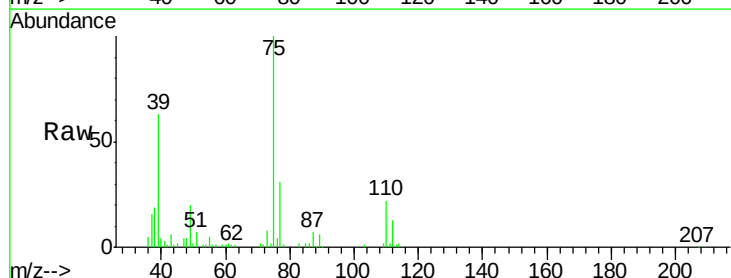
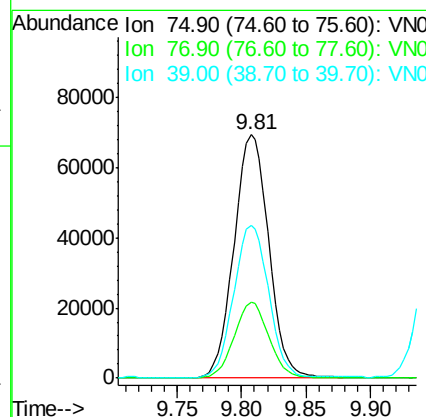
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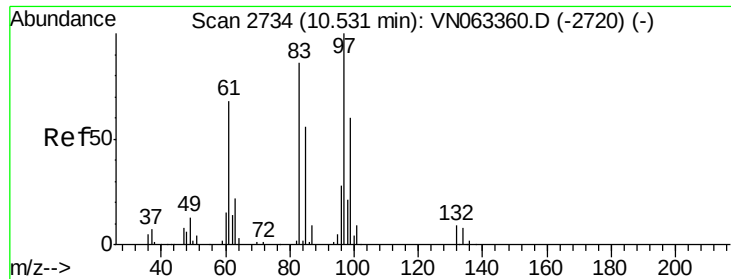


#54  
cis-1,3-Dichloropropene  
Concen: 20.928 ug/l  
RT: 9.81 min Scan# 2509  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 24.6  | 37.0  |
| 39      | 62.5  | 49.8  | 74.8  |







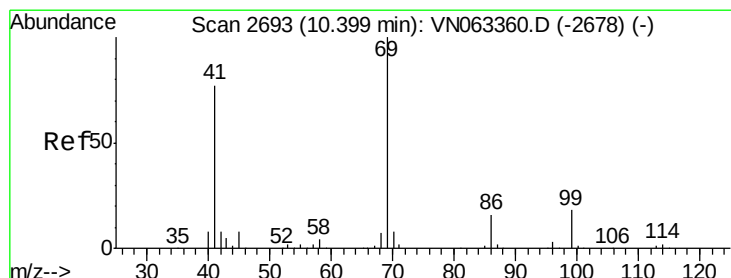
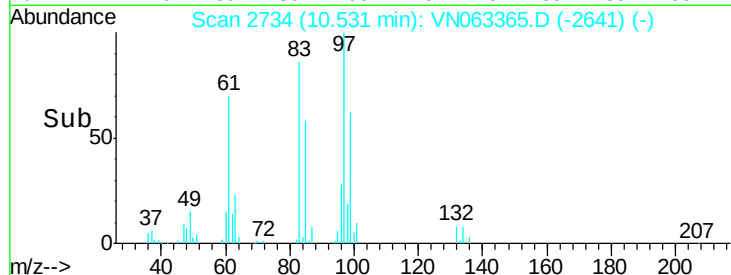
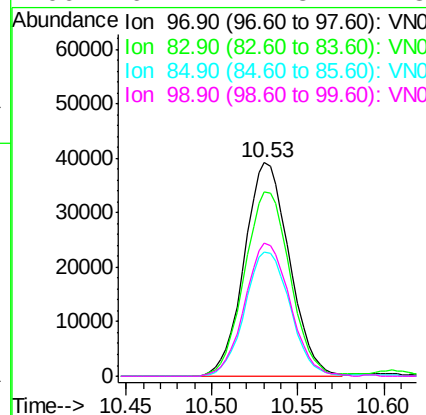
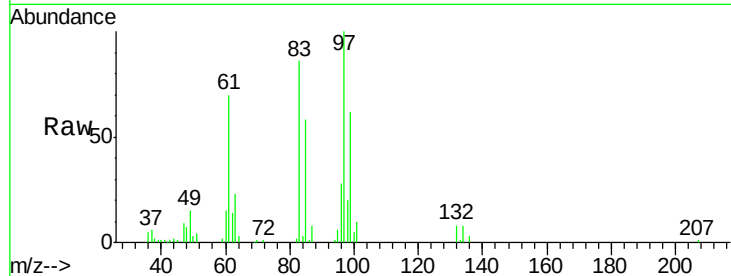
#55  
 1,1,2-Trichloroethane  
 Concen: 20.981 ug/l  
 RT: 10.53 min Scan# 2734  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 71204 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.5  | 68.9  | 103.3 |
| 85       | 58.2  | 44.8  | 67.2  |
| 99       | 62.1  | 47.8  | 71.8  |

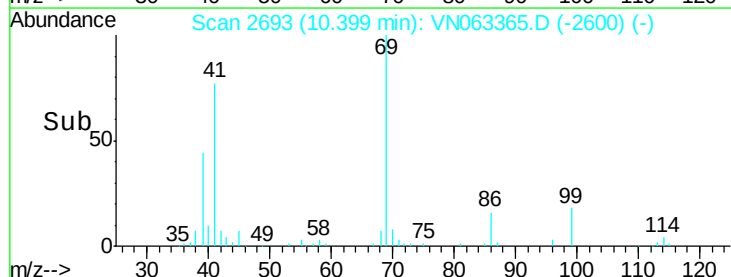
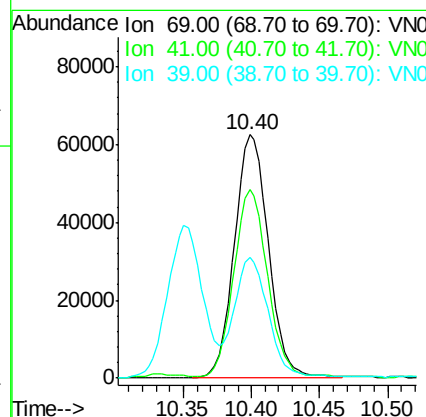
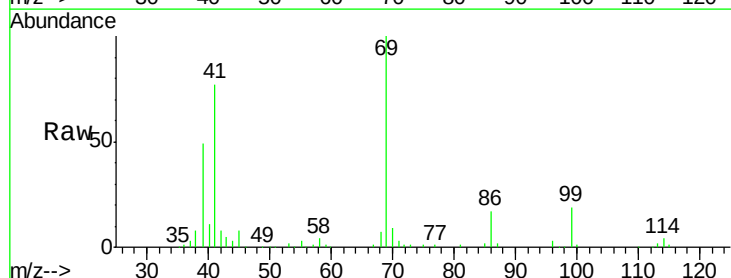
Manual Integrations  
 APPROVED

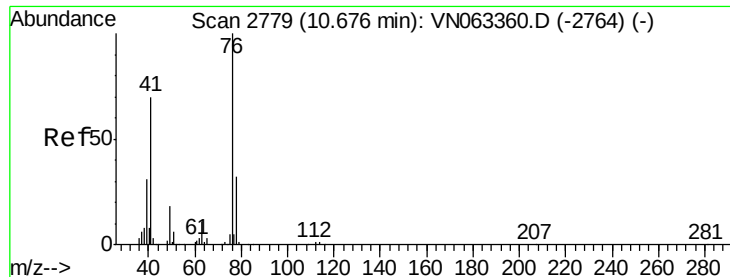
MMDadoda  
 9/17/2020 1:08:49 PM



#56  
 Ethyl methacrylate  
 Concen: 20.492 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 108568 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.4  | 61.0  | 91.6   |
| 39       | 49.3  | 39.2  | 58.8   |





#57

1,3-Dichloropropane

Concen: 20.798 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampled :

VN0916WBS01

Tot Ion: 76 Resp: 127288

Ion Ratio Lower Upper

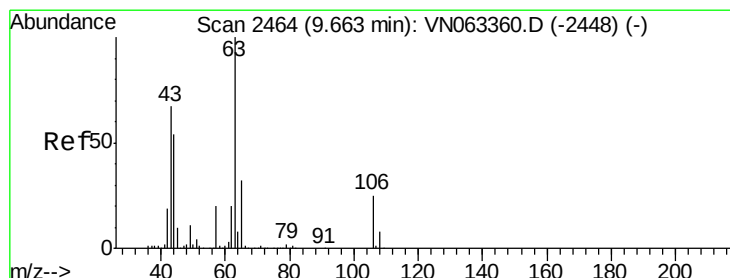
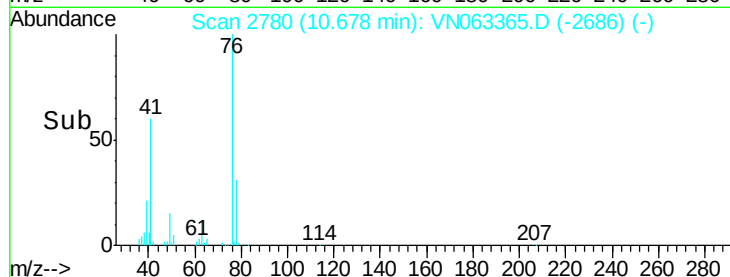
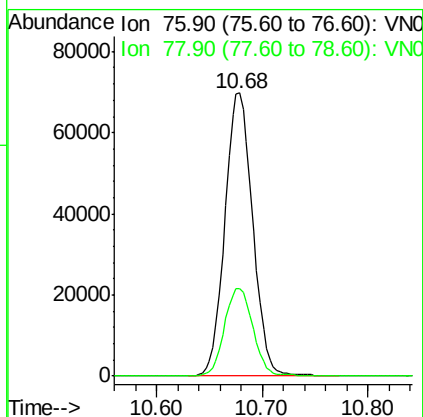
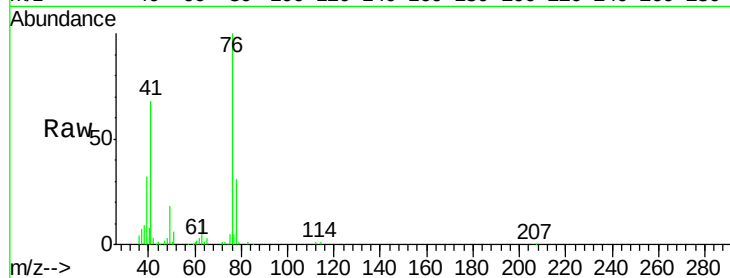
76 100

78 31.7 25.8 38.8

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 93.850 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063365.D

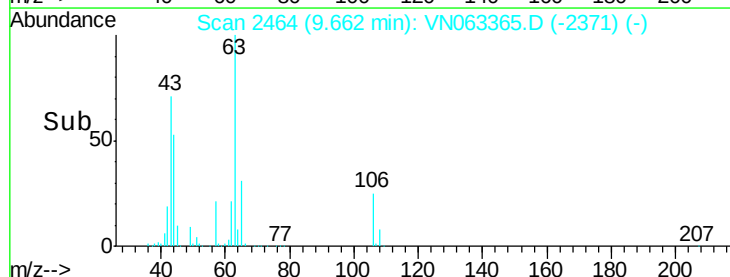
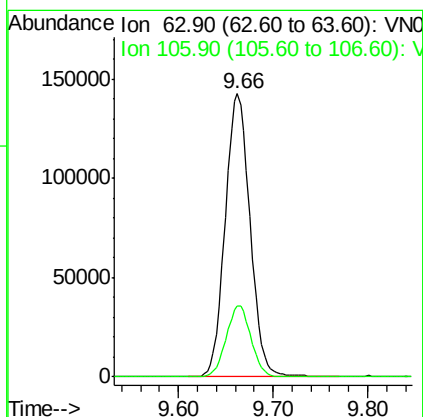
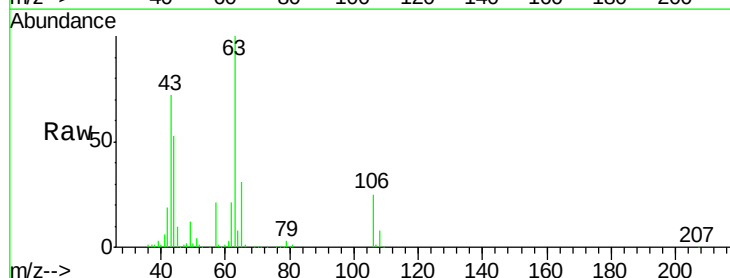
Acq: 16 Sep 2020 15:26

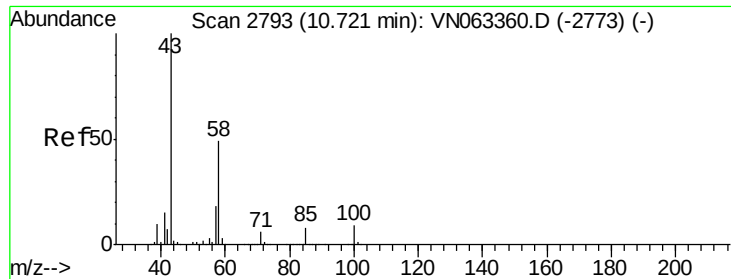
Tgt Ion: 63 Resp: 260832

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3





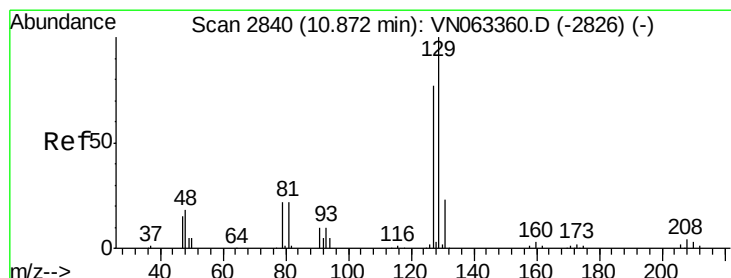
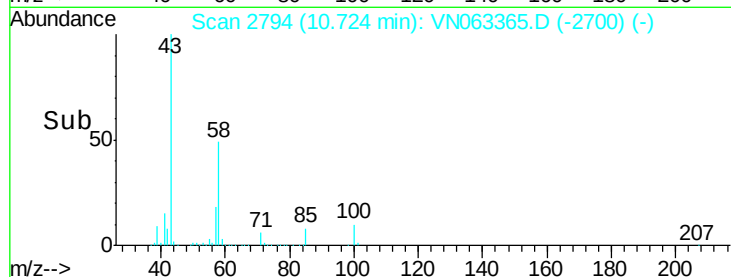
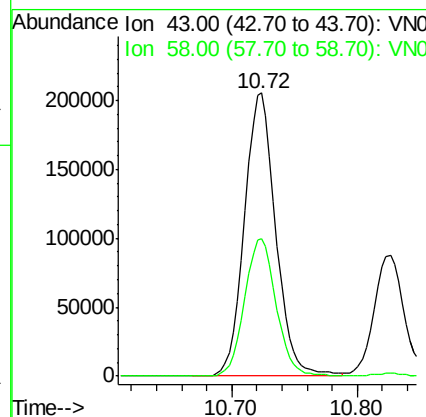
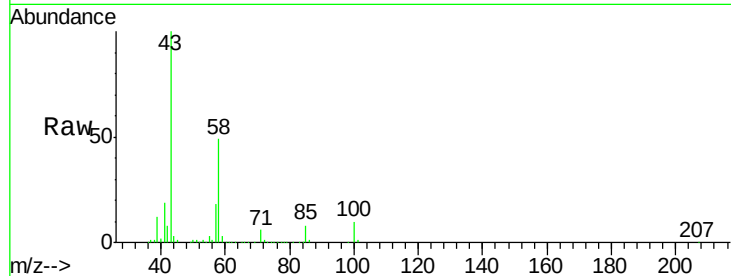
#59  
2-Hexanone  
Concen: 100.576 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

Tot Ion: 43 Resp: 356380  
Ion Ratio Lower Upper  
43 100  
58 49.1 24.7 74.1

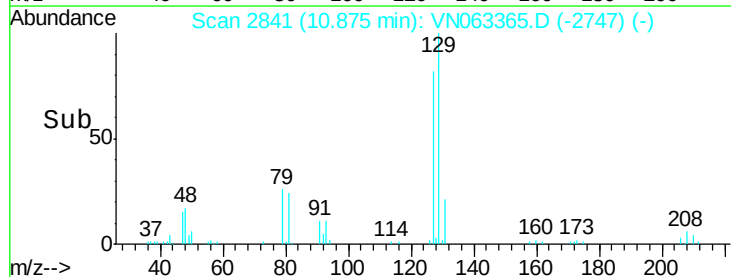
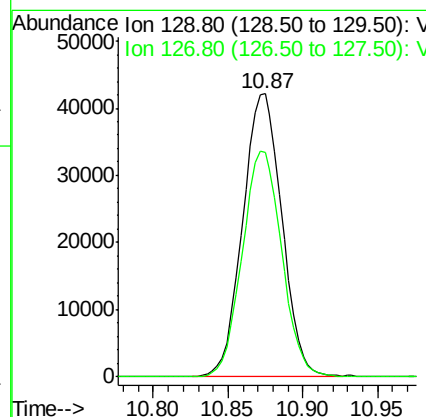
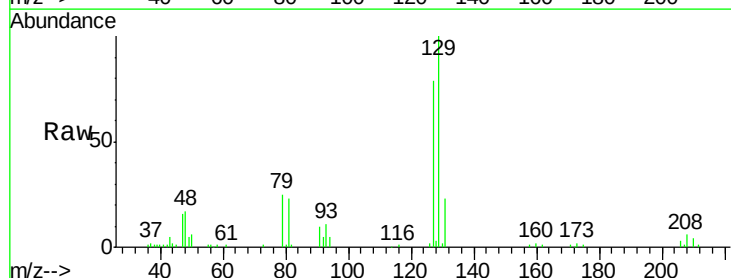
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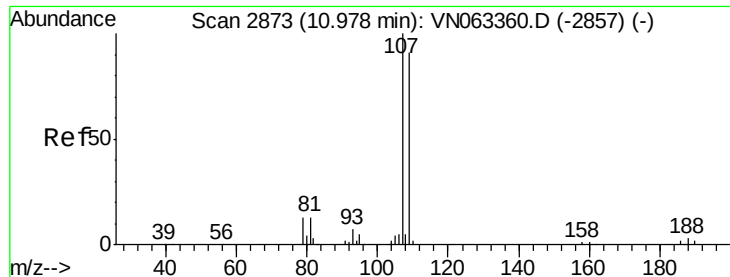
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 20.050 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Tgt Ion: 129 Resp: 76874  
Ion Ratio Lower Upper  
129 100  
127 80.4 39.1 117.3





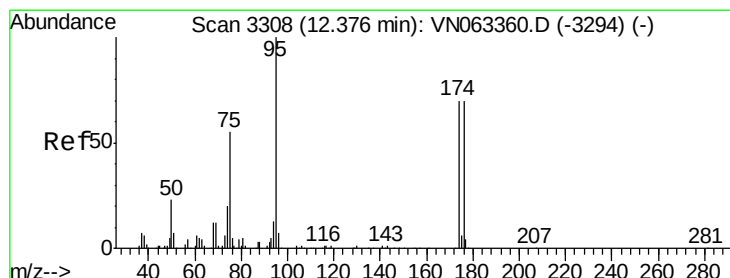
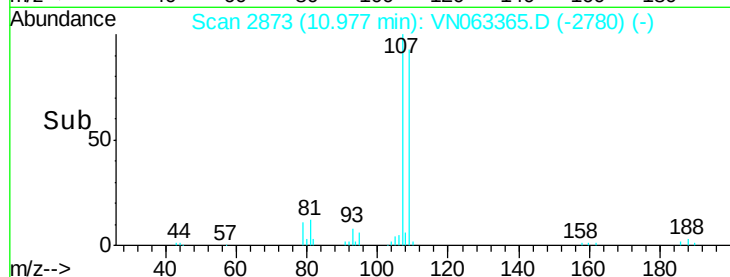
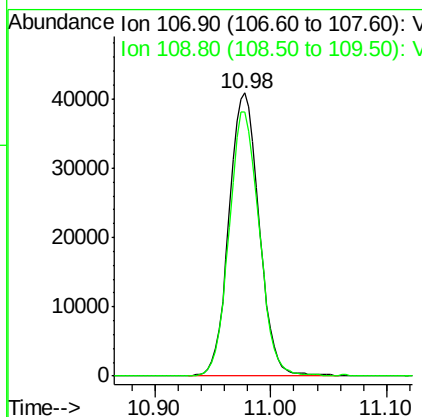
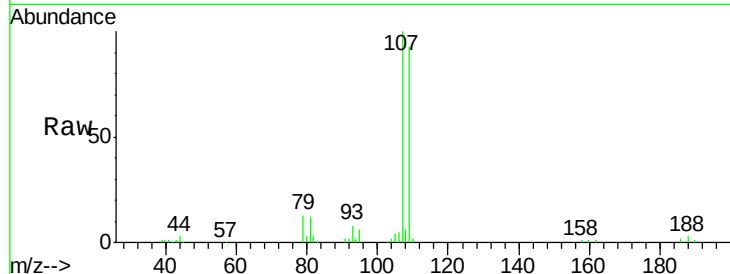
#61  
 1,2-Dibromoethane  
 Concen: 20.813 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.4  | 74.6  | 111.8 |

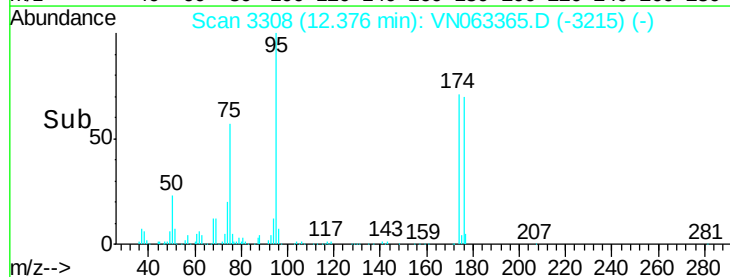
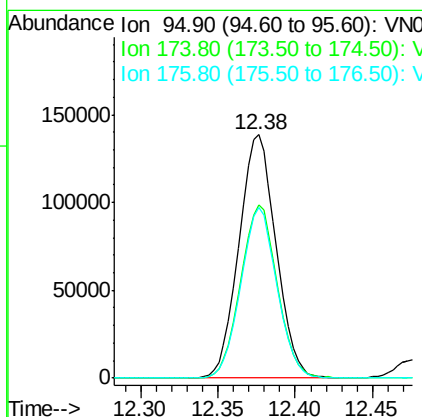
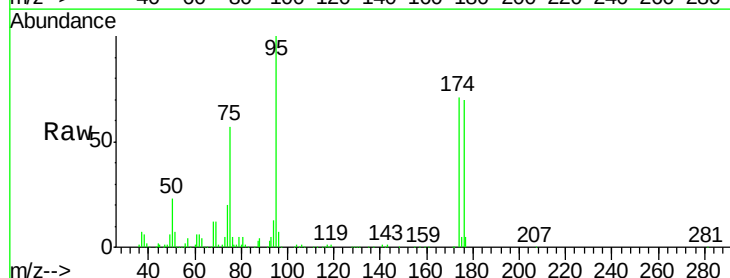
Manual Integrations  
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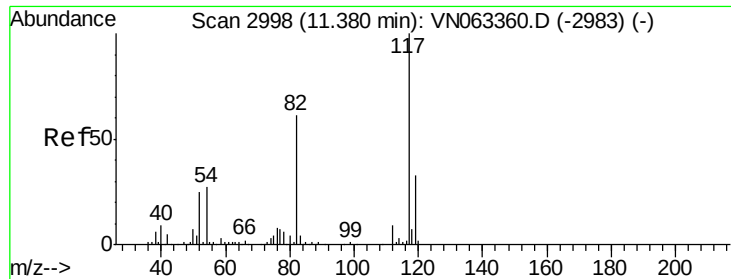
MMDadoda  
 9/17/2020 1:08:49 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.903 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 70.4  | 0.0   | 140.8 |
| 176     | 68.3  | 0.0   | 137.6 |





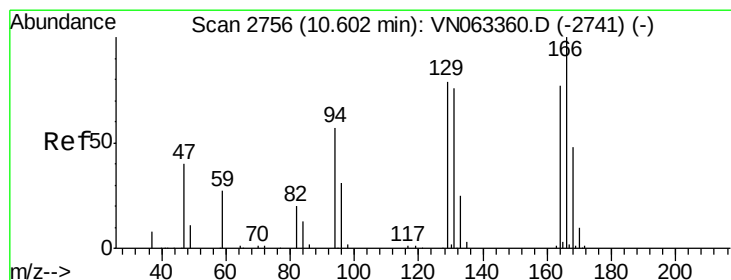
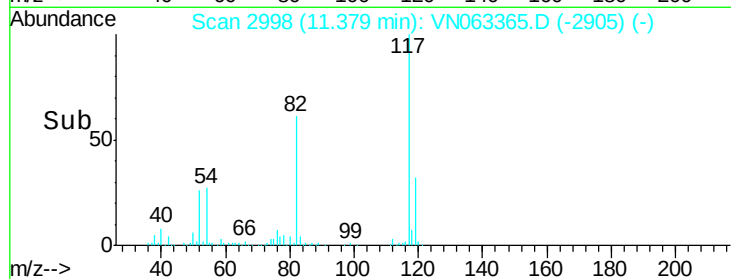
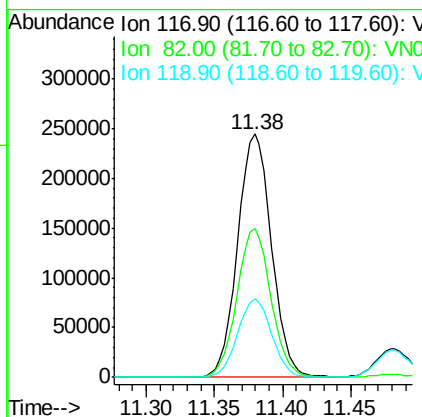
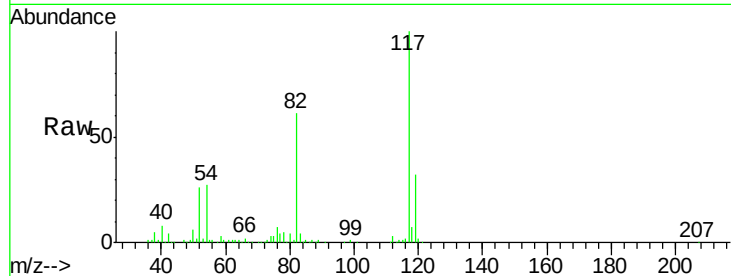
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 61.0  | 49.2  | 73.8  |
| 119     | 32.0  | 26.2  | 39.4  |

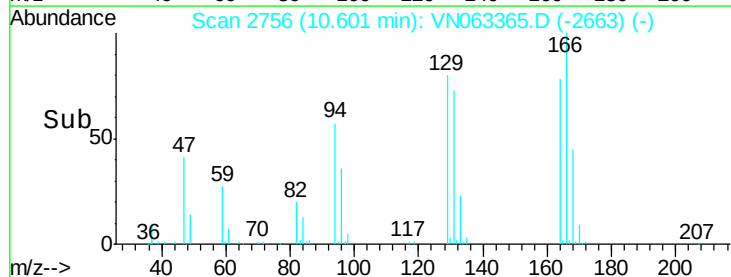
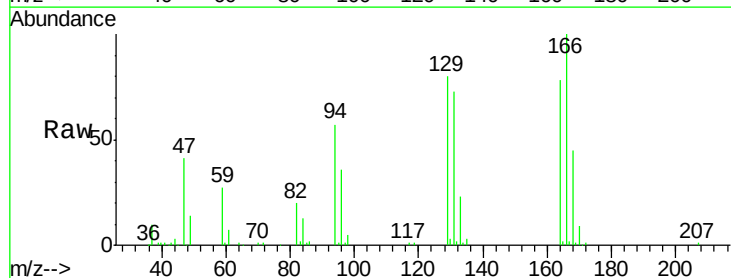
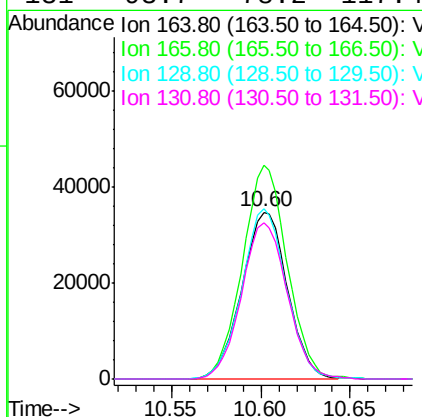
Manual Integrations  
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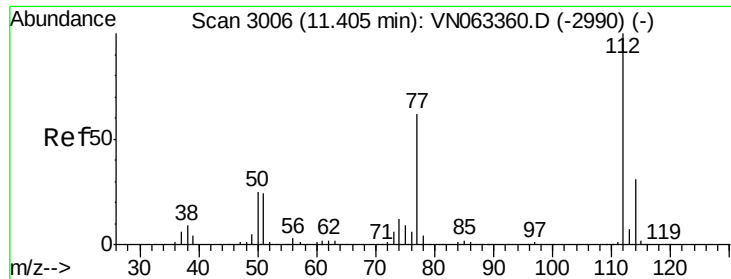
MMDadoda  
9/17/2020 1:08:49 PM



#64  
Tetrachloroethene  
Concen: 21.640 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.2 | 103.4 | 155.0 |
| 129     | 102.6 | 81.8  | 122.6 |
| 131     | 93.7  | 78.2  | 117.4 |





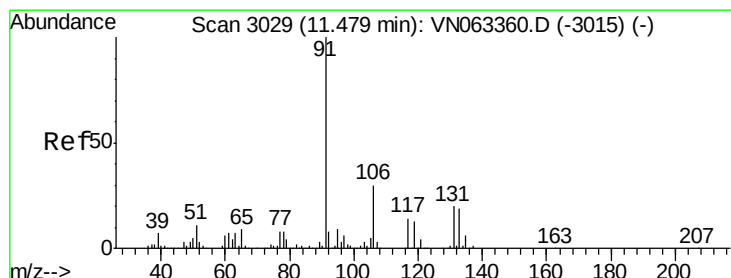
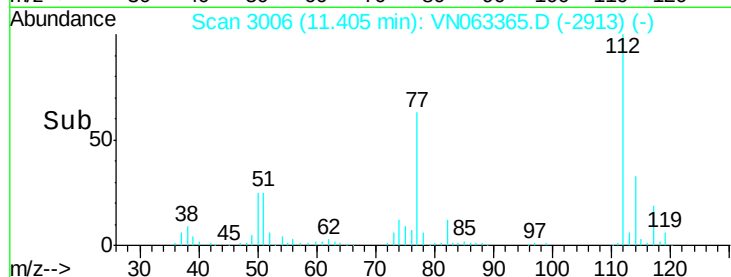
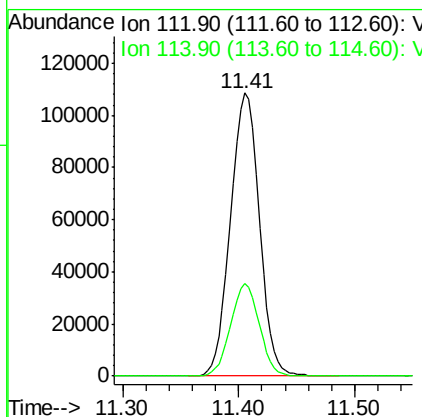
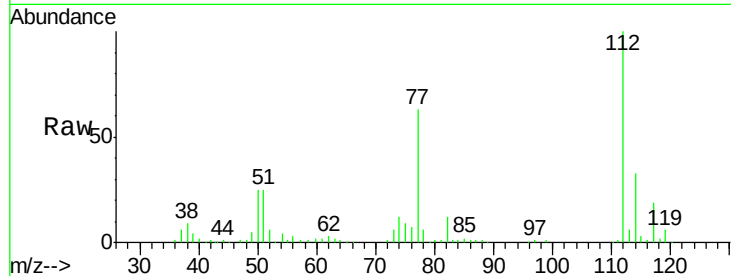
#65  
Chlorobenzene  
Concen: 20.915 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

Tot Ion:112 Resp: 187284  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.0 37.6

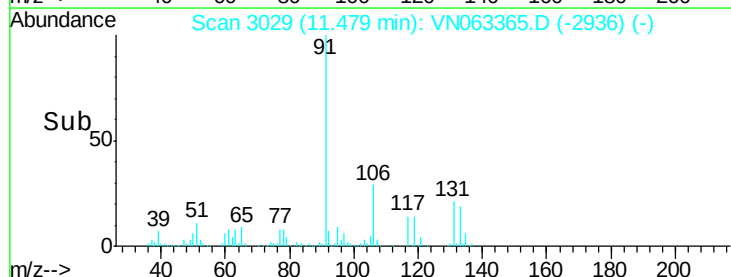
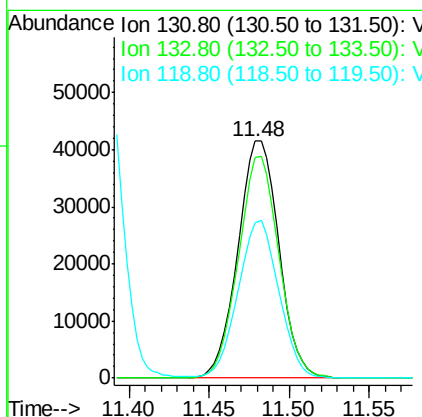
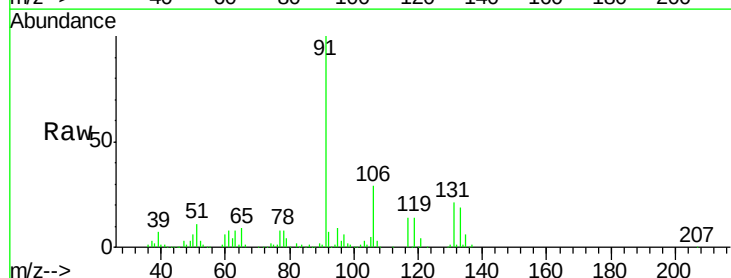
Manual Integrations  
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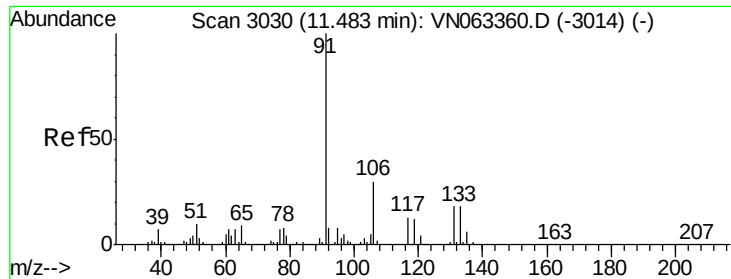
MMDadoda  
9/17/2020 1:08:49 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.087 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Tgt Ion:131 Resp: 72499  
Ion Ratio Lower Upper  
131 100  
133 92.5 47.3 141.9  
119 66.2 33.6 100.8





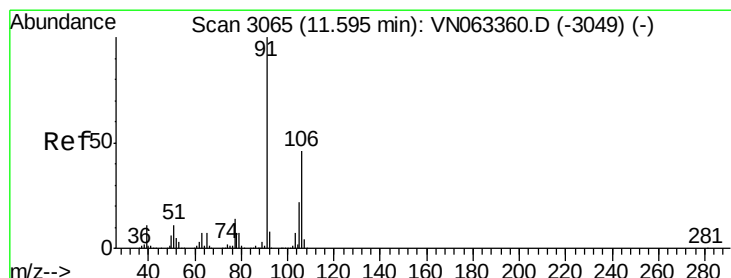
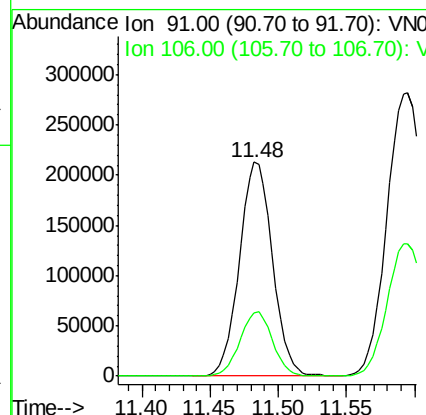
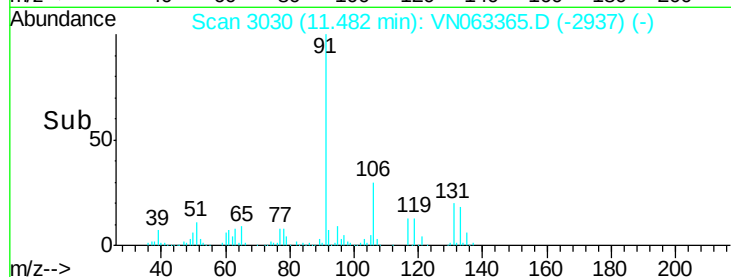
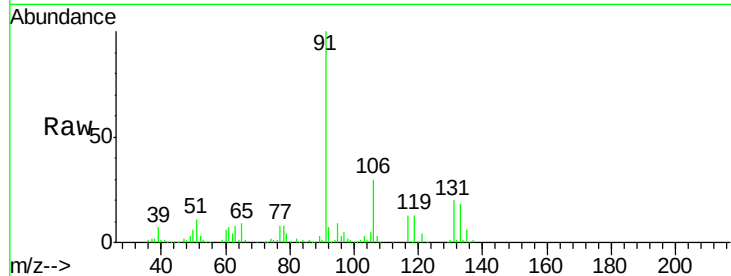
#67  
Ethyl Benzene  
Concen: 21.286 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

Tot Ion: 91 Resp: 358954  
Ion Ratio Lower Upper  
91 100  
106 29.9 23.8 35.6

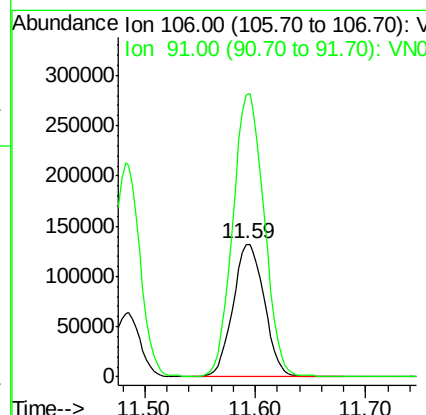
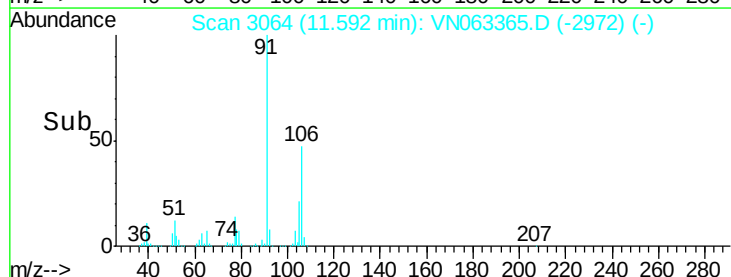
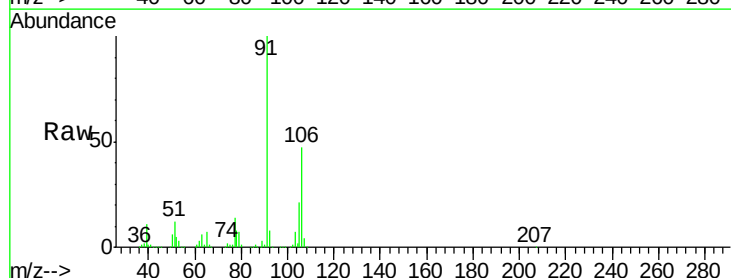
Manual Integrations  
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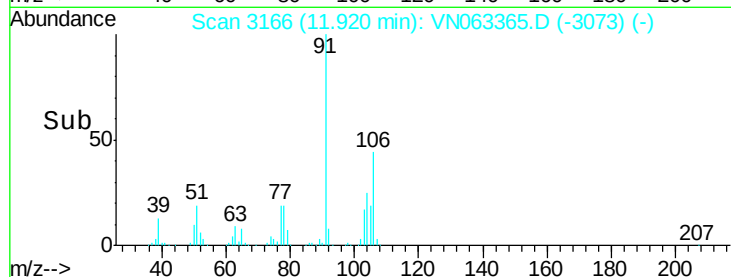
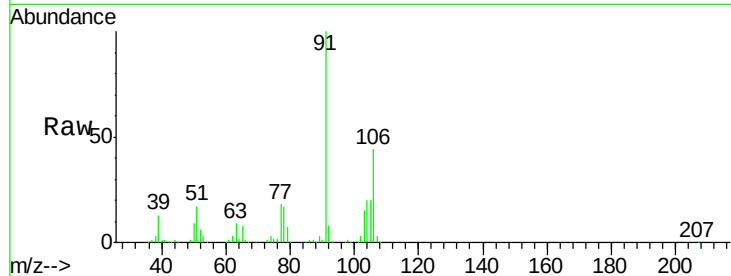
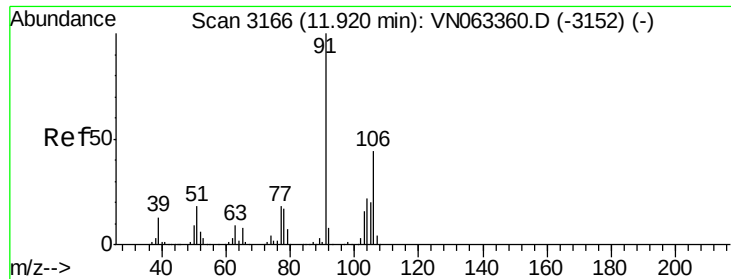
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 42.547 ug/l  
RT: 11.59 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Tgt Ion: 106 Resp: 258686  
Ion Ratio Lower Upper  
106 100  
91 213.9 171.2 256.8





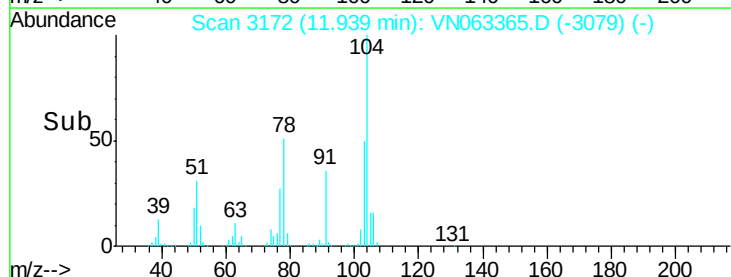
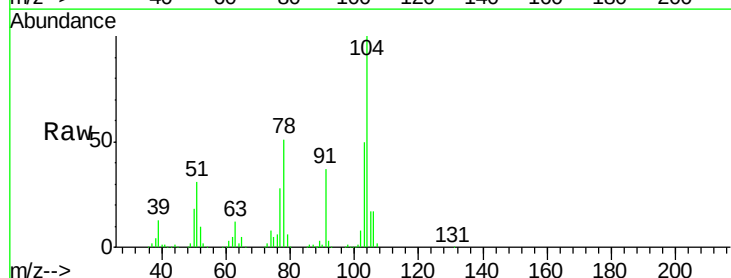
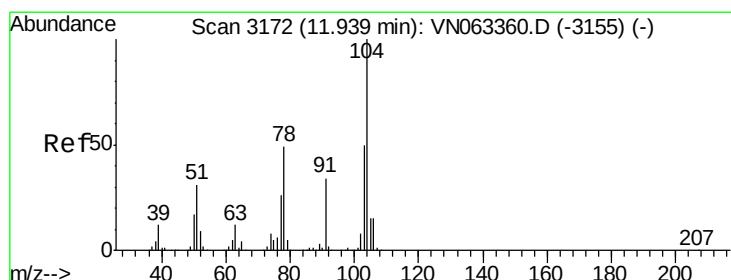
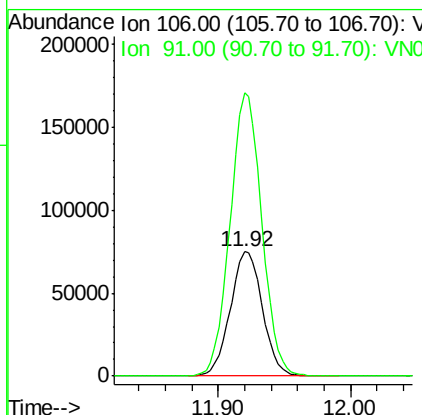
#69  
o-Xylene  
Concen: 21.759 ug/l  
RT: 11.92 min Scan# 3166  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 106     | 106 | 100   | 126028 |       |       |
| 91      | 91  | 224.7 | 113.6  | 340.8 |       |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

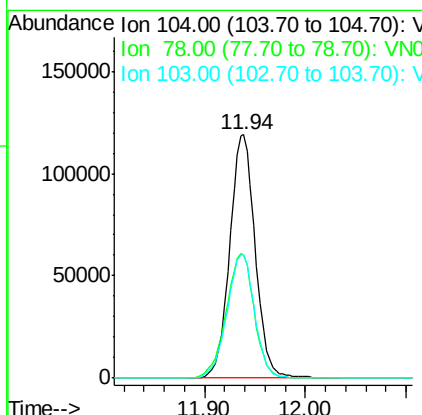
Manual Integrations  
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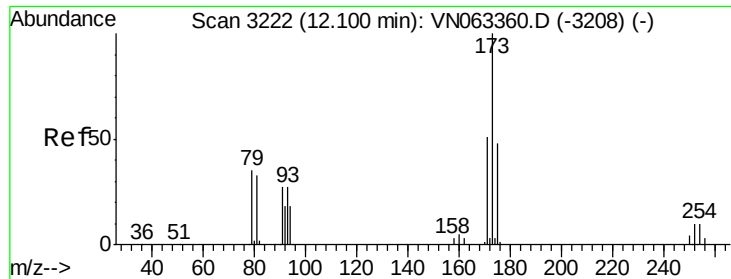


#70  
Styrene  
Concen: 21.578 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 104     | 104 | 100   | 209584 |       |       |
| 78      | 78  | 56.2  | 44.4   | 66.6  |       |
| 103     | 103 | 54.8  | 43.7   | 65.5  |       |







#71

Bromoform

Concen: 20.709 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

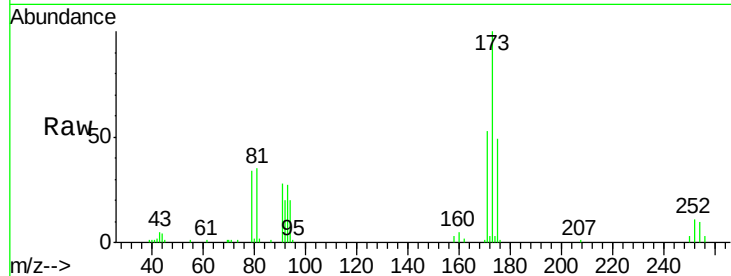
ClientSampleId :

VN0916WBS01

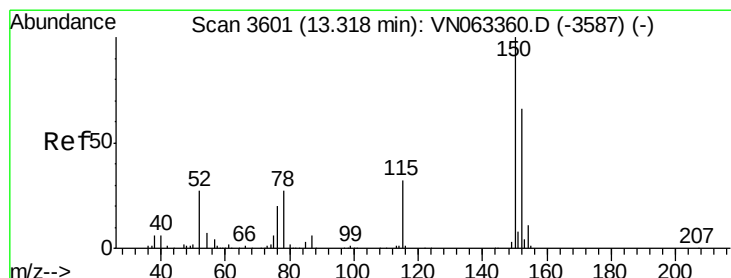
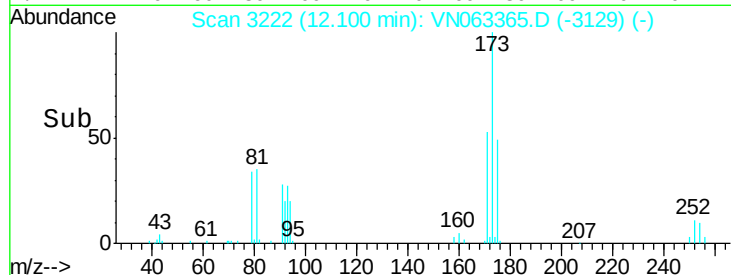
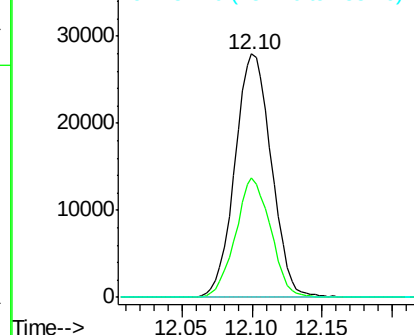
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 50641 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.2  | 24.0  | 72.0  |
| 254       | 0.0   | 0.0   | 0.0   |

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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

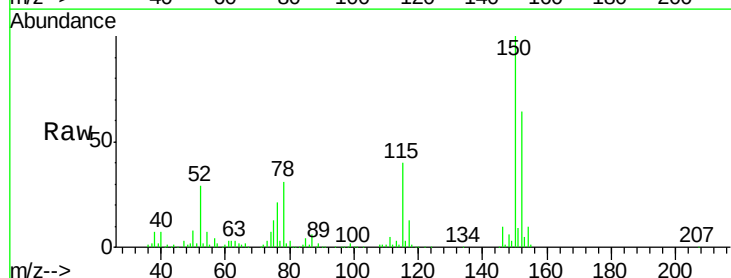
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

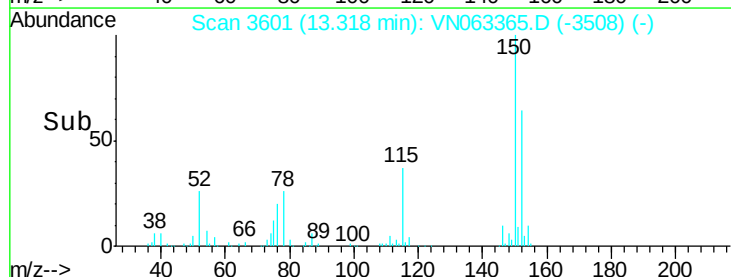
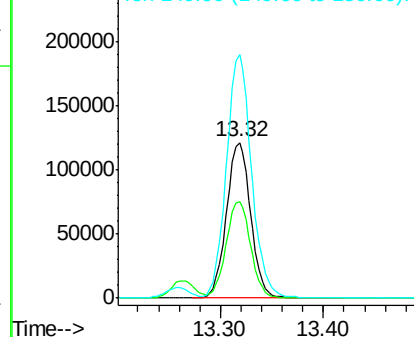
Lab File: VN063365.D

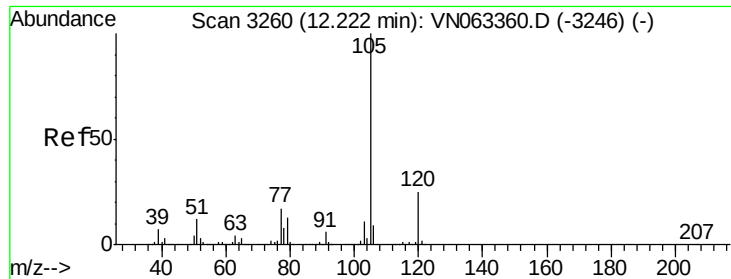
Acq: 16 Sep 2020 15:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 198321 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.2  | 32.2  | 96.6   |
| 150       | 162.1 | 0.0   | 343.4  |



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





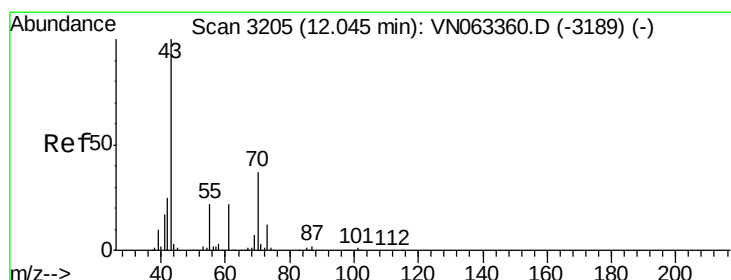
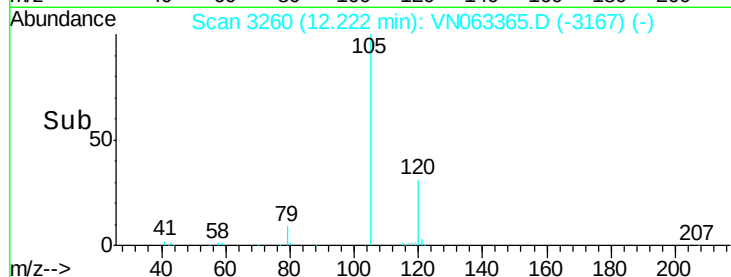
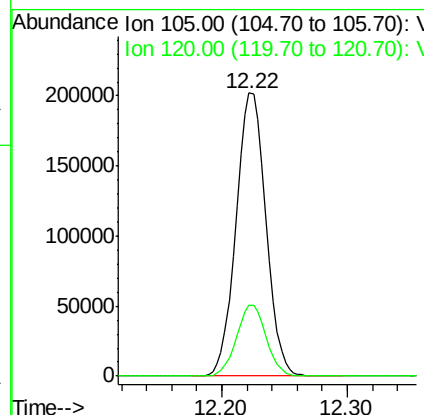
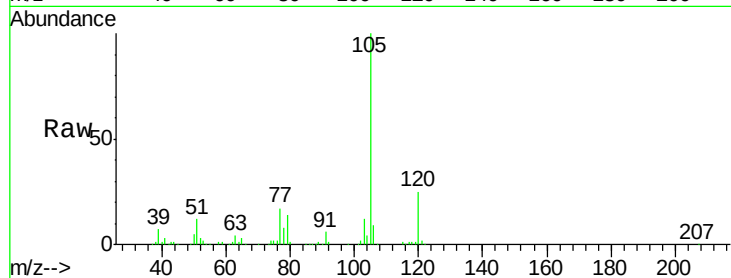
#73  
Isopropylbenzene  
Concen: 21.022 ug/l  
RT: 12.22 min Scan# 3260  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 24.9  | 12.7  | 38.0  |

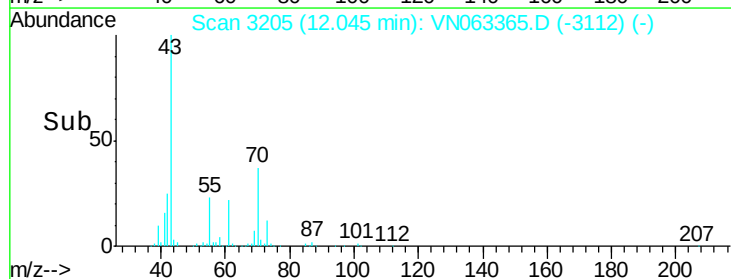
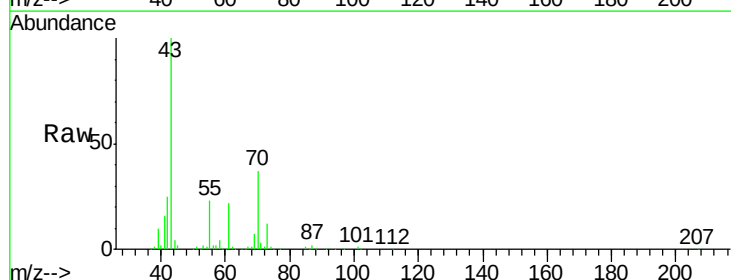
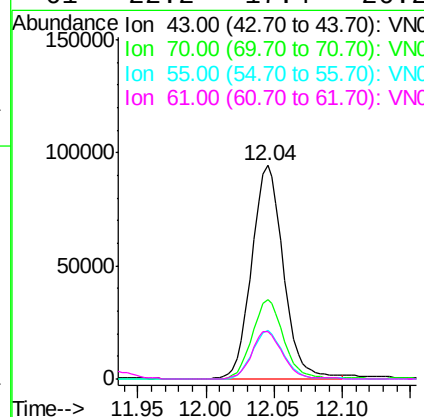
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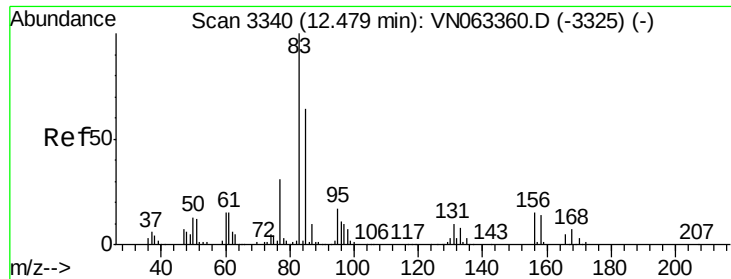
MMDadoda  
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#74  
N-ethyl acetate  
Concen: 20.112 ug/l  
RT: 12.04 min Scan# 3205  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 37.2  | 29.6  | 44.4  |
| 55      | 22.7  | 17.7  | 26.5  |
| 61      | 22.2  | 17.4  | 26.2  |





#75

1,1,2,2-Tetrachloroethane

Concen: 20.282 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

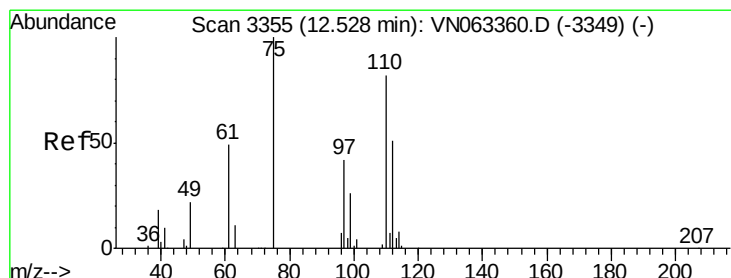
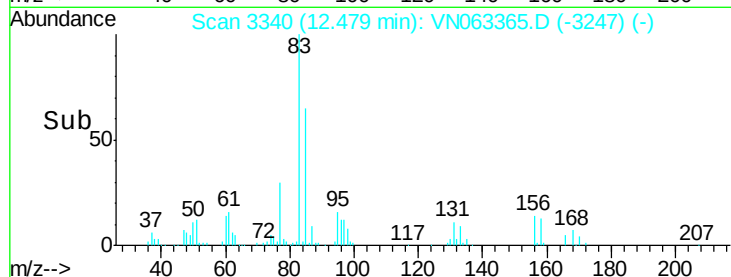
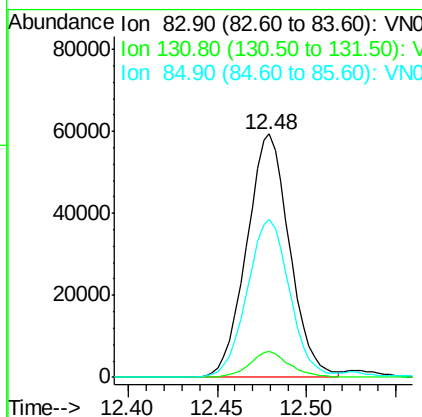
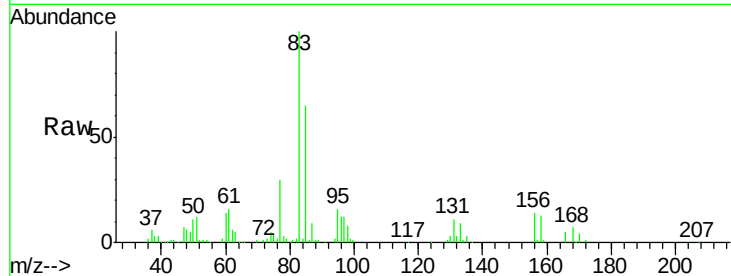
ClientSampleId :

VN0916WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 99804 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.8   | 4.9   | 14.7  |
| 85        | 64.4  | 32.0  | 96.0  |

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#76

1,2,3-Trichloropropane

Concen: 19.293 ug/l m

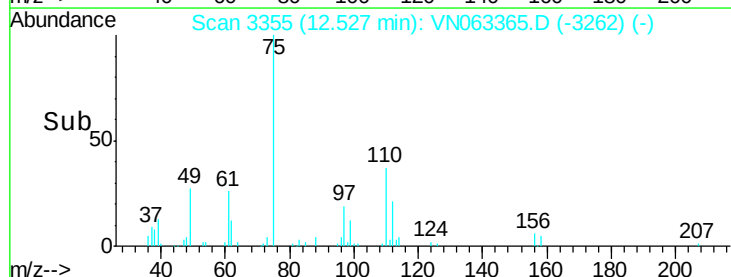
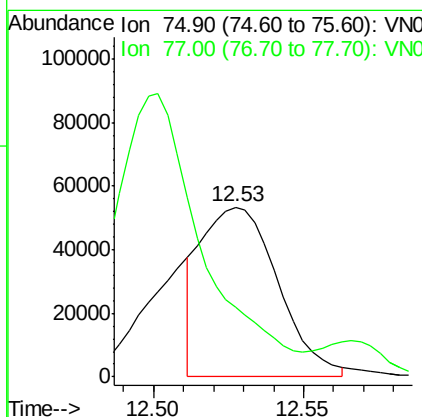
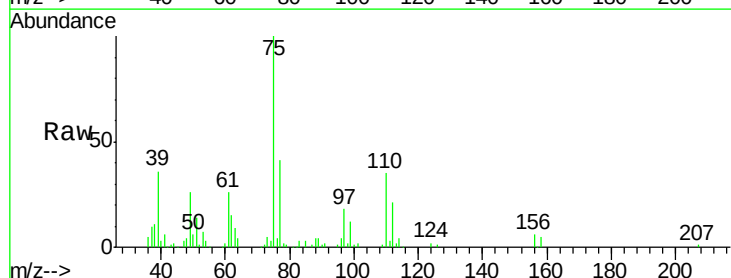
RT: 12.53 min Scan# 3355

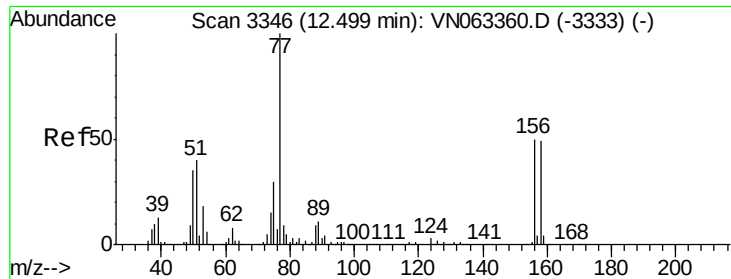
Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 94704 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 21.620 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

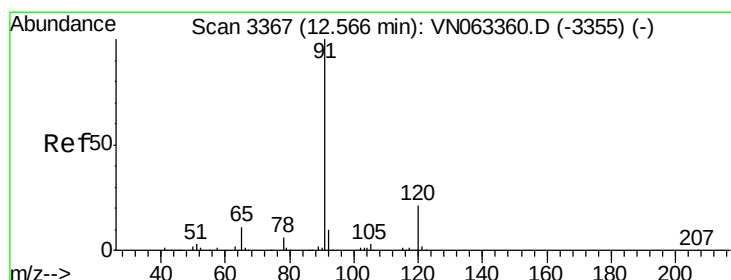
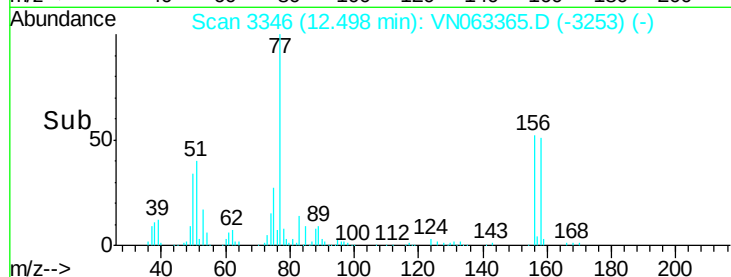
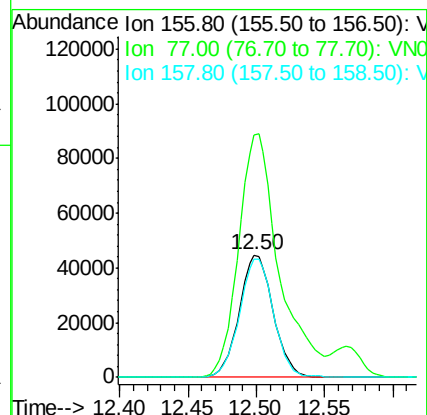
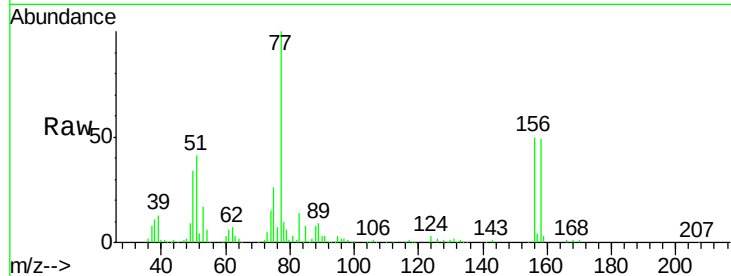
ClientSampleId :

VN0916WBS01

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 237.4 | 120.2 | 360.6 |       |
| 158     | 96.7  | 48.9  | 146.6 |       |

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#78

n-propylbenzene

Concen: 21.150 ug/l

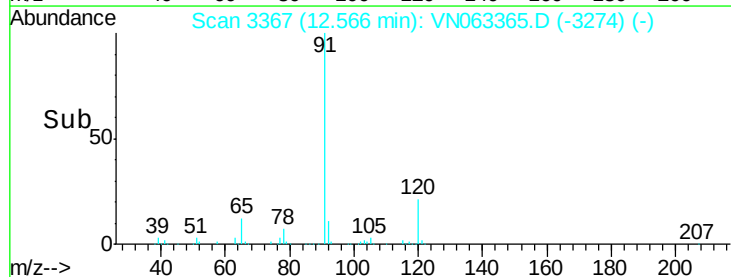
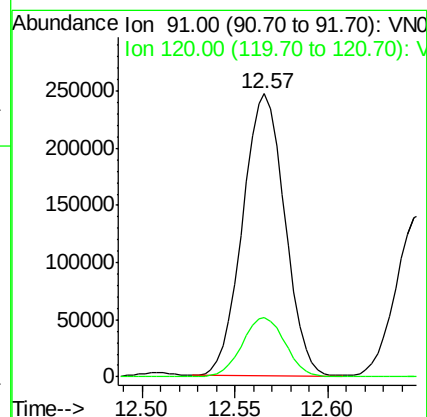
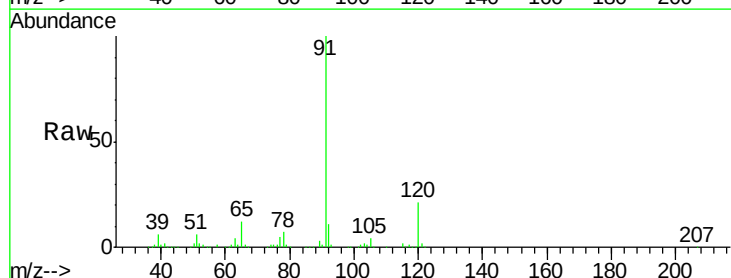
RT: 12.57 min Scan# 3367

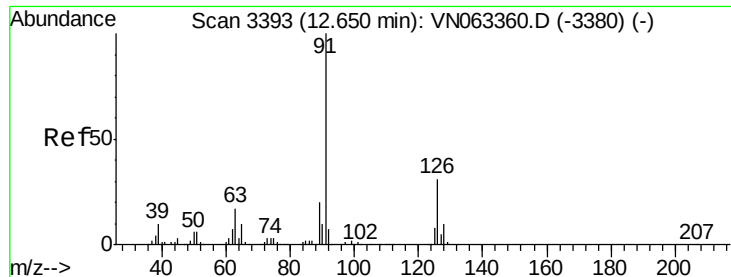
Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 21.6 | 10.8  | 32.3  |       |





#79

2-Chlorotoluene

Concen: 20.914 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampleId :

VN0916WBS01

Tot Ion: 91 Resp: 232054

Ion Ratio Lower Upper

91 100

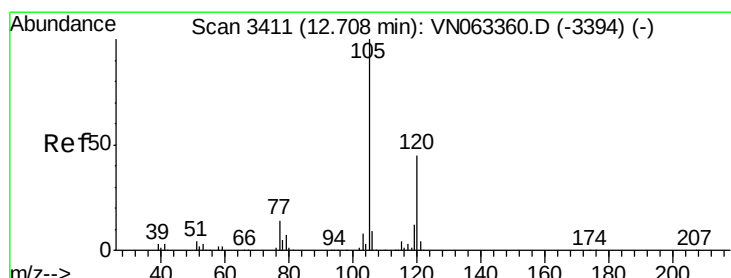
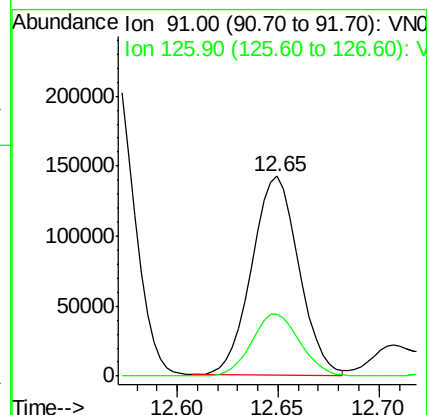
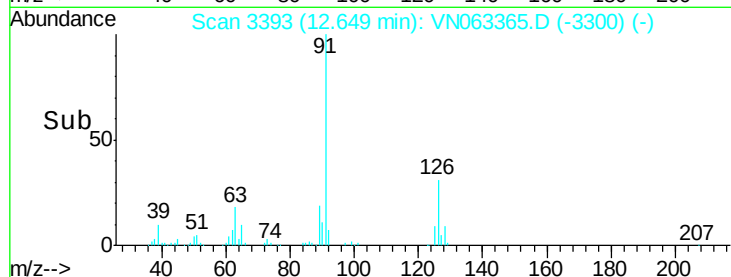
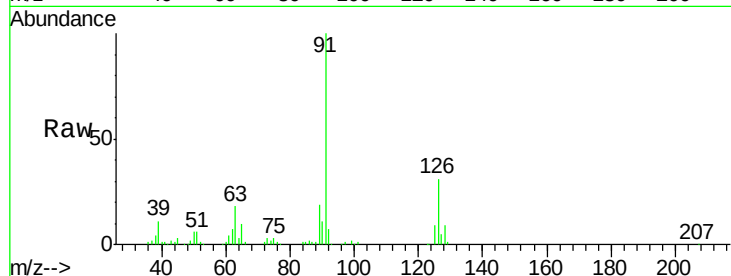
126 32.1 15.8 47.3

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#80

1,3,5-Trimethylbenzene

Concen: 21.574 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063365.D

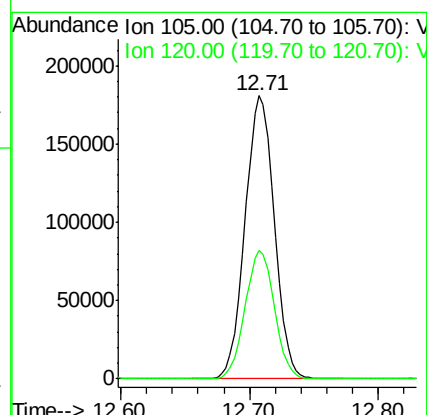
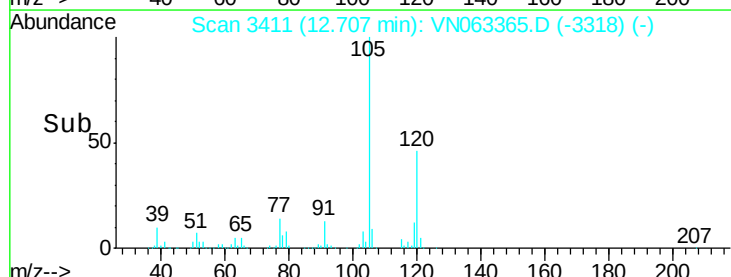
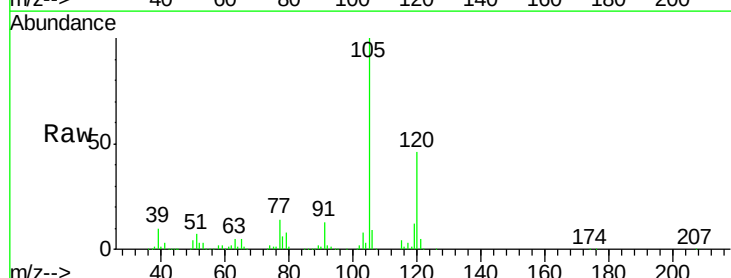
Acq: 16 Sep 2020 15:26

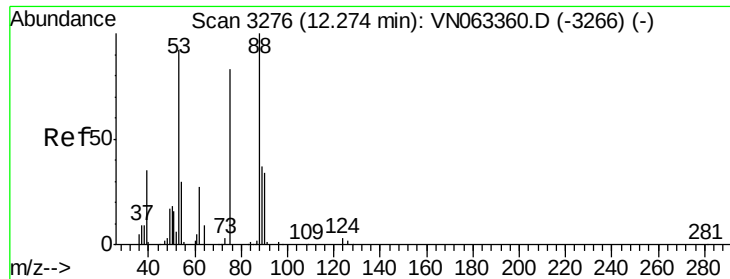
Tgt Ion:105 Resp: 285904

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.8





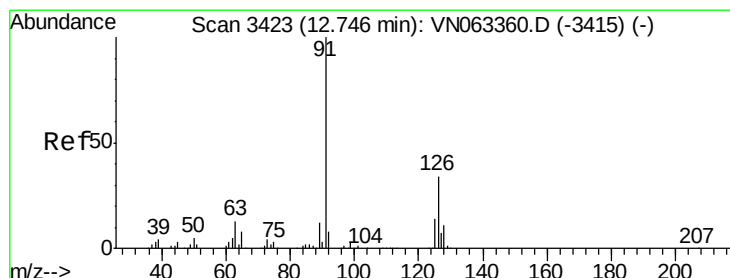
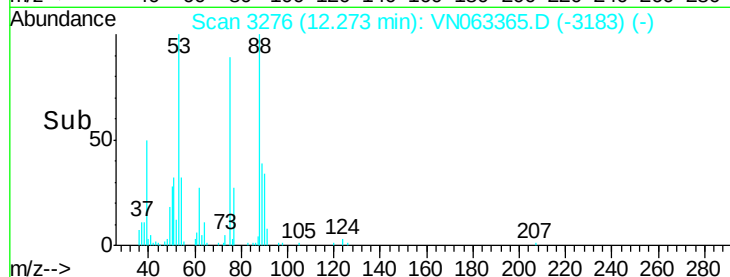
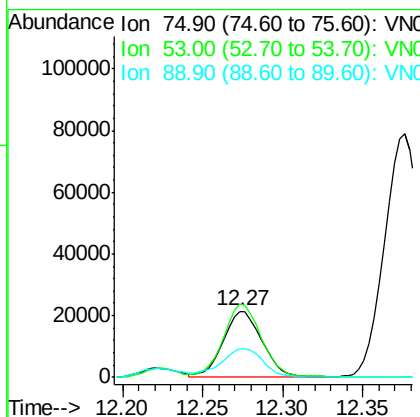
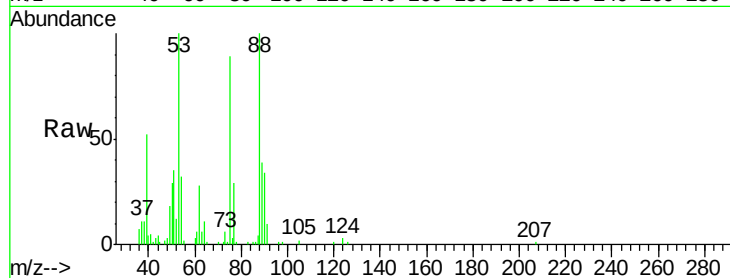
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.432 ug/l  
RT: 12.27 min Scan# 3276  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 107.8 | 85.7  | 128.5 |
| 89      | 48.2  | 38.0  | 57.0  |

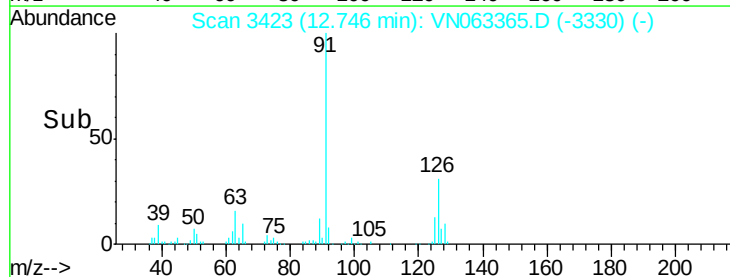
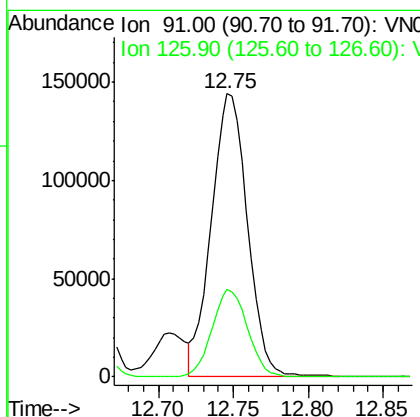
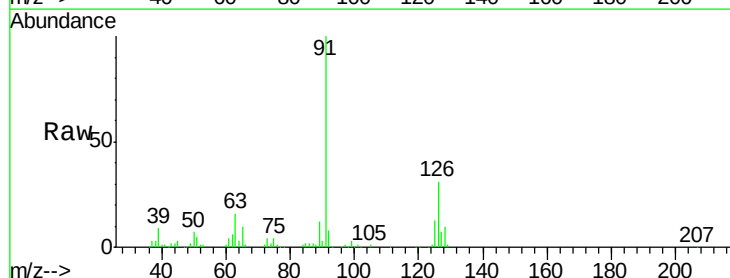
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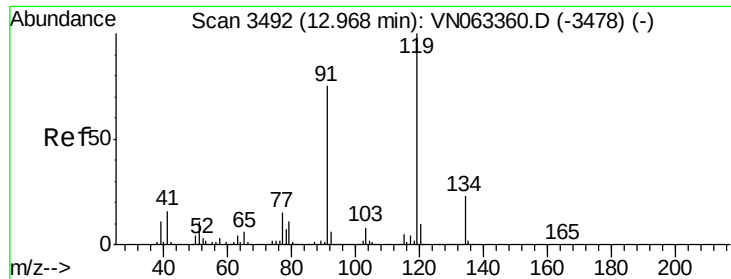
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 20.476 ug/l  
RT: 12.75 min Scan# 3423  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.9  | 15.5  | 46.5  |





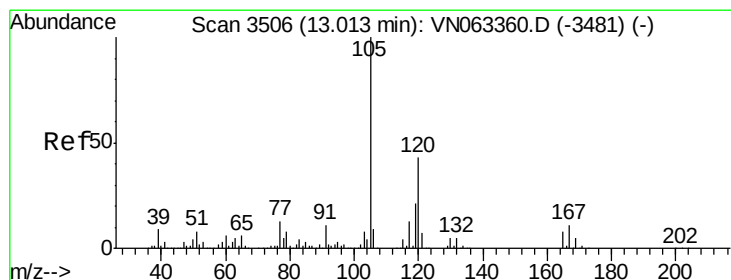
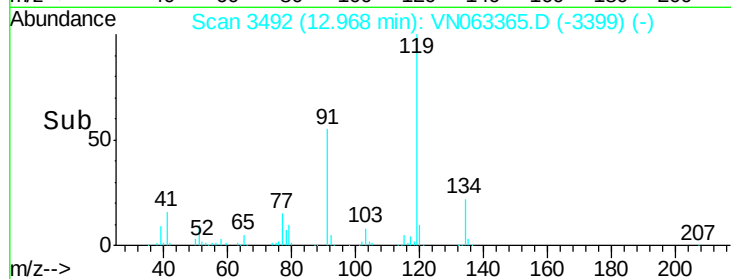
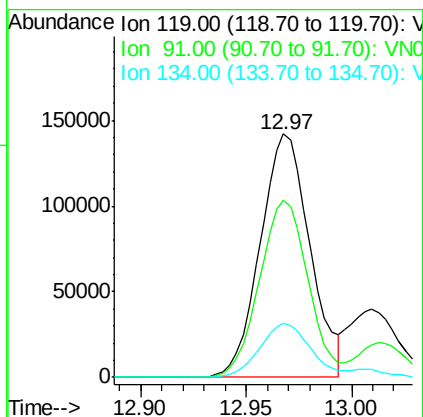
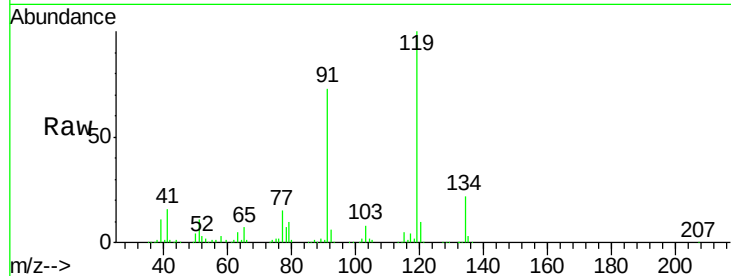
#83  
 tert-Butylbenzene  
 Concen: 21.250 ug/l  
 RT: 12.97 min Scan# 3492  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 71.2  | 36.3  | 108.9 |
| 134     | 22.4  | 12.3  | 36.8  |

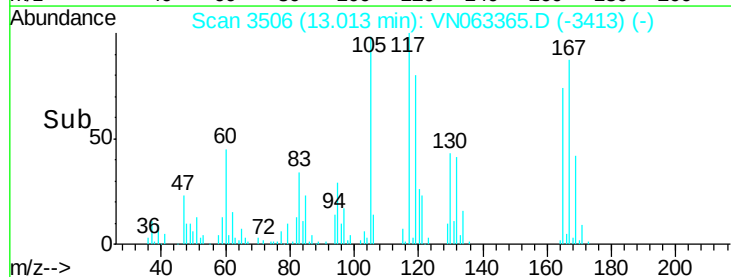
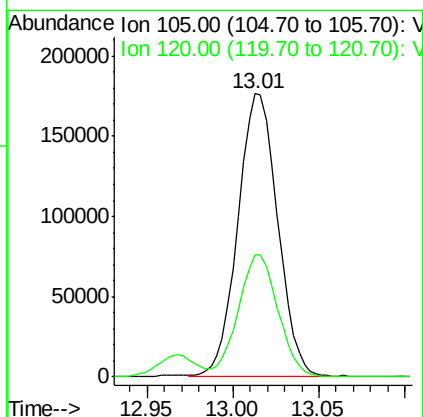
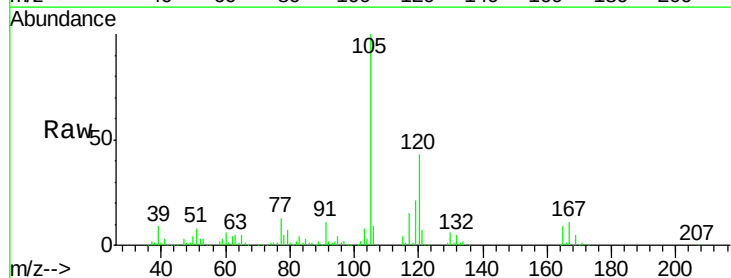
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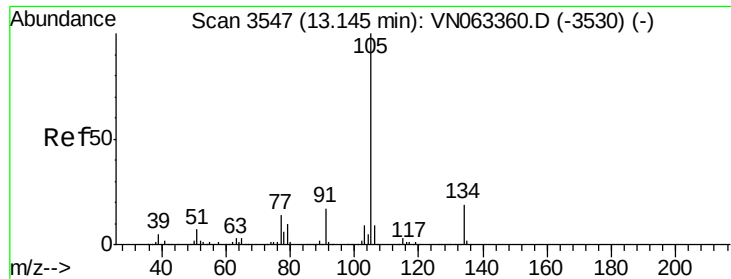
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.036 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.4  | 21.3  | 63.9  |





#85

sec-Butylbenzene

Concen: 21.147 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

ClientSampled :

VN0916WBS01

Tot Ion:105 Resp: 309607

Ion Ratio Lower Upper

105 100

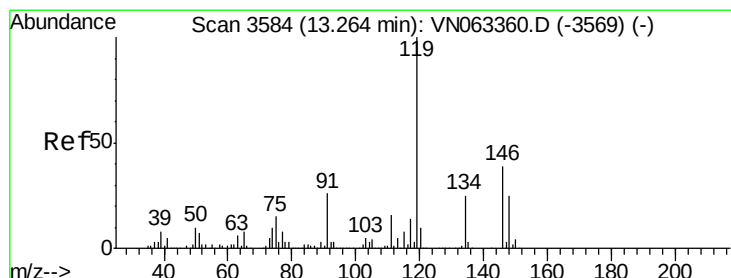
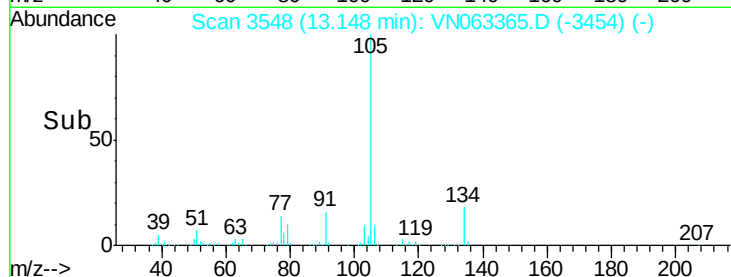
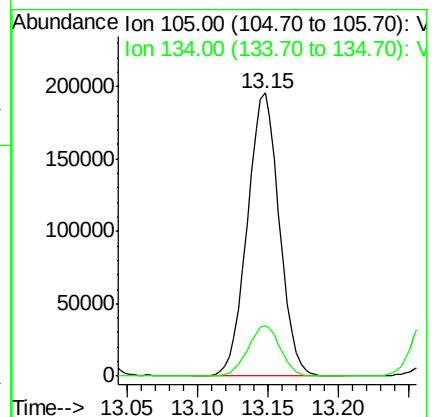
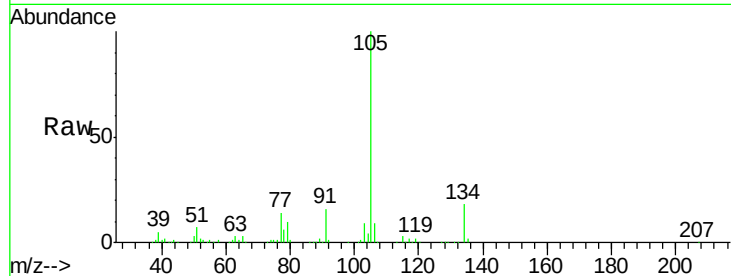
134 18.0 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.173 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

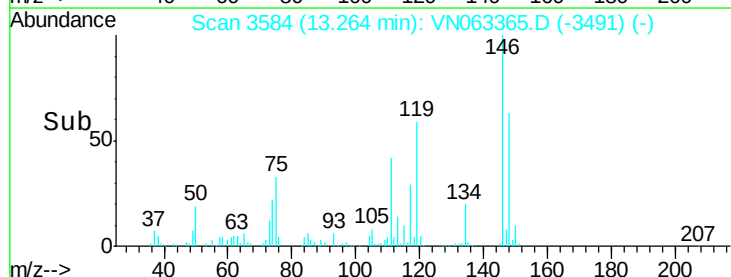
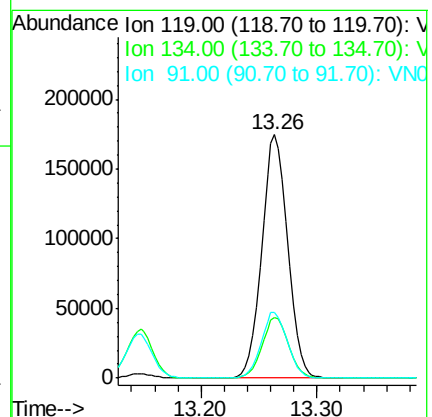
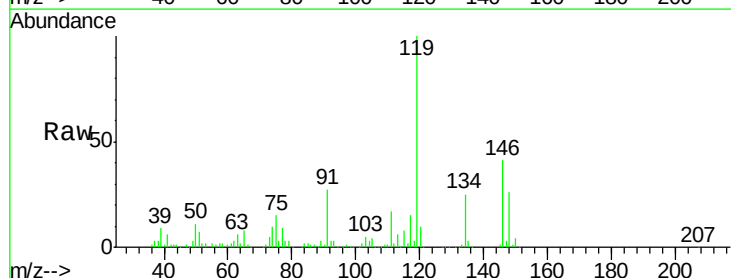
Tgt Ion:119 Resp: 273416

Ion Ratio Lower Upper

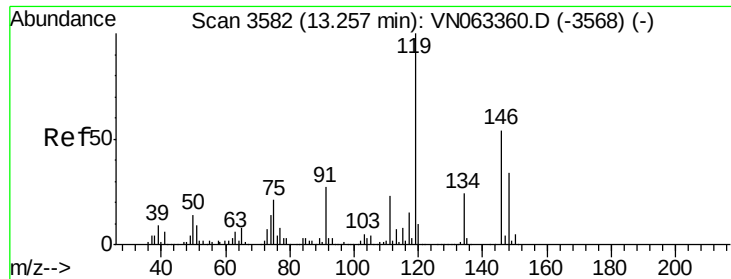
119 100

134 25.2 12.5 37.5

91 27.4 13.4 40.1







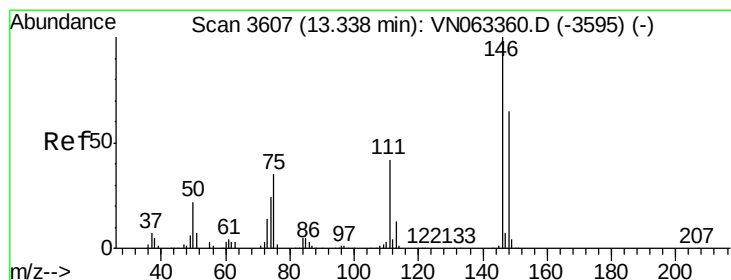
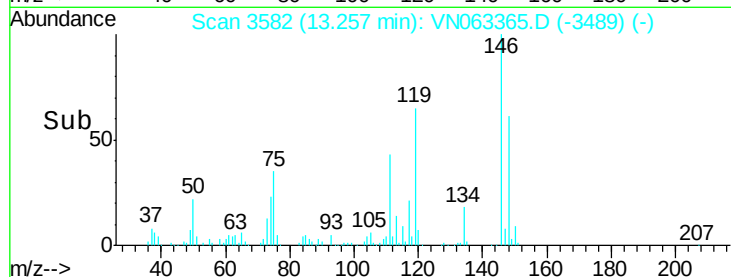
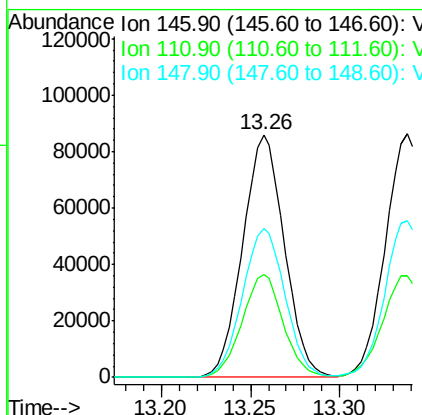
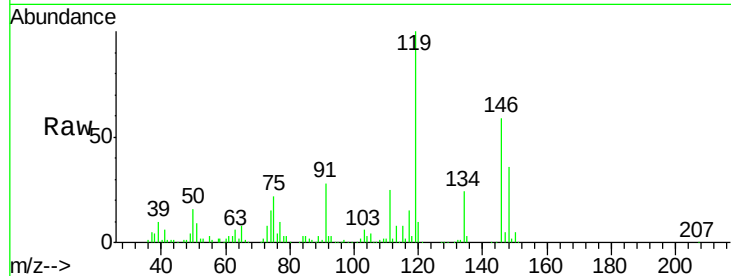
#87  
 1,3-Dichlorobenzene  
 Concen: 21.257 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 140847 |       |       |
| 111     | 42.0  | 21.4   | 64.3  |       |
| 148     | 62.6  | 31.9   | 95.7  |       |

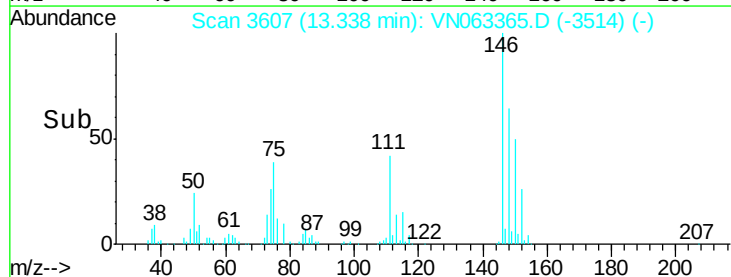
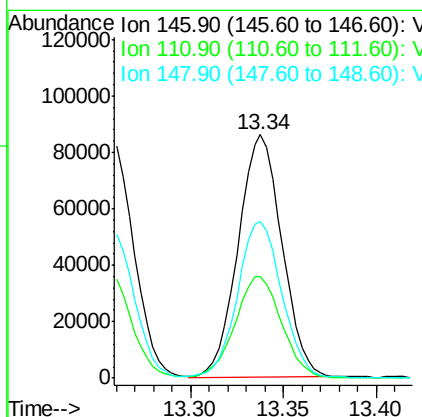
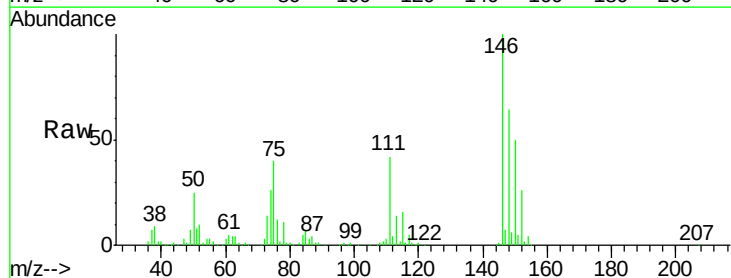
Manual Integrations  
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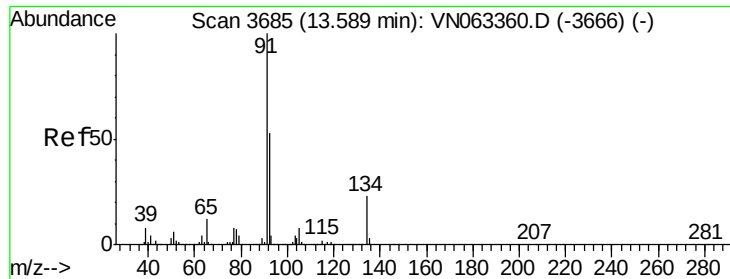
MMDadoda  
 9/17/2020 1:08:49 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.772 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 139933 |       |       |
| 111     | 44.3  | 21.2   | 63.6  |       |
| 148     | 66.2  | 31.9   | 95.9  |       |





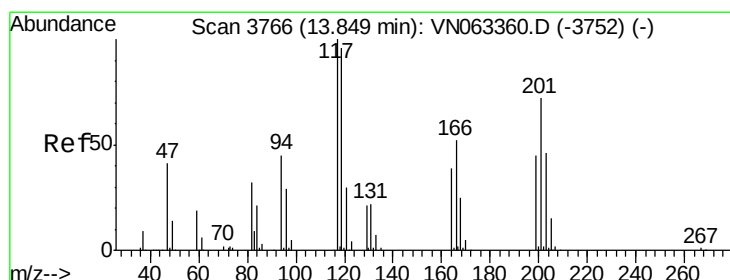
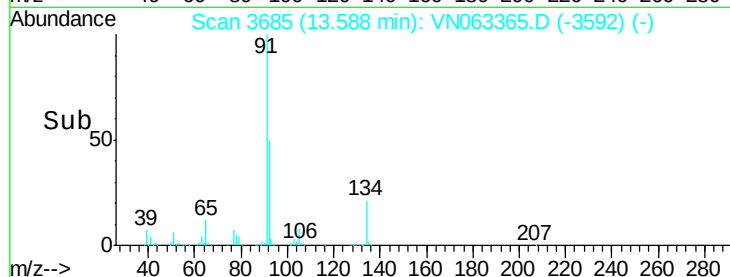
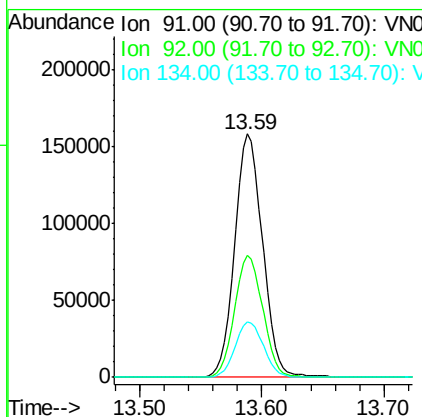
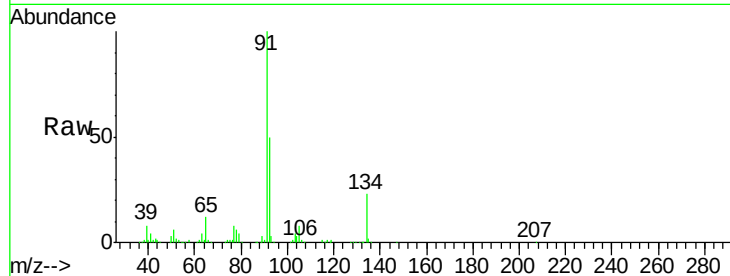
#89  
n-Butylbenzene  
Concen: 21.112 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.6  | 26.0  | 78.0  |
| 134     | 23.1  | 11.7  | 35.0  |

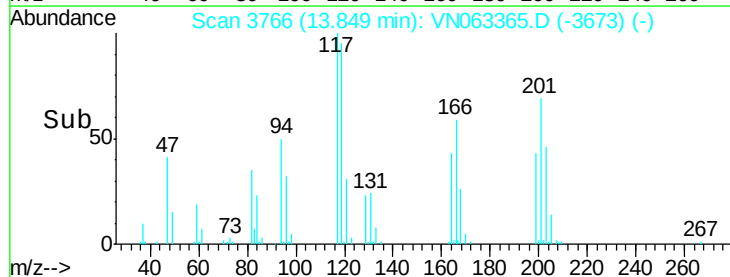
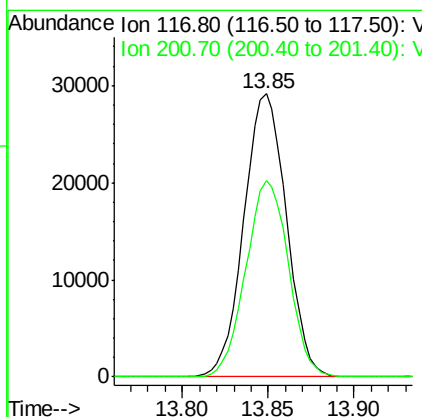
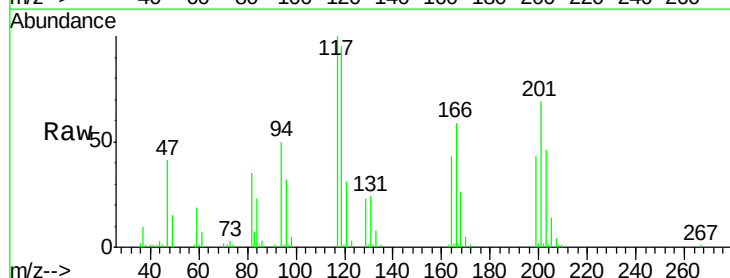
Manual Integrations  
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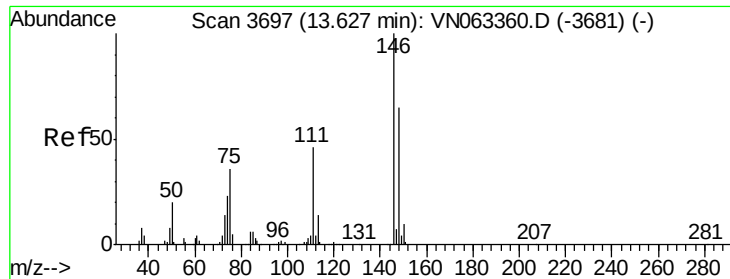
MMDadoda  
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#90  
Hexachloroethane  
Concen: 20.373 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. -0.00 min  
Lab File: VN063365.D  
Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 69.4  | 35.5  | 106.7 |





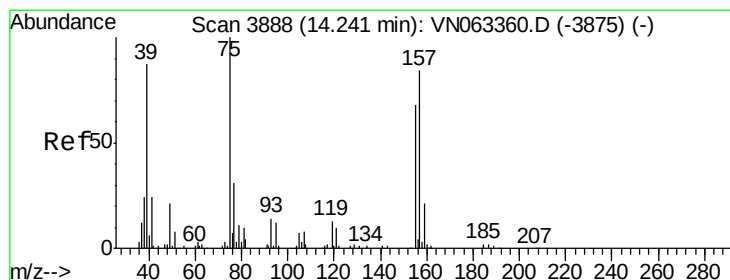
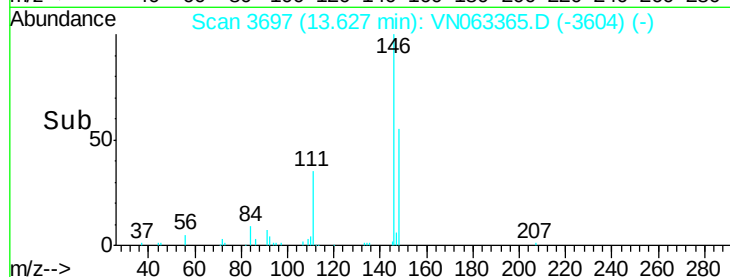
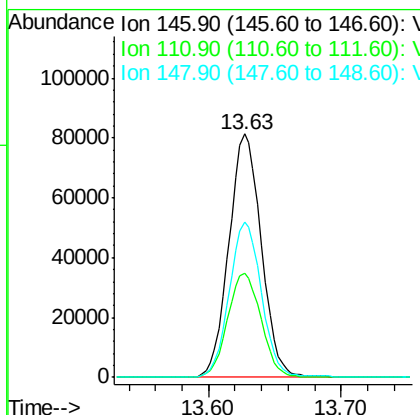
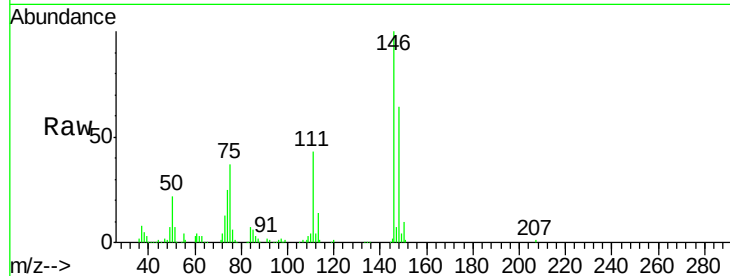
#91  
 1,2-Dichlorobenzene  
 Concen: 21.229 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.1  | 22.4  | 67.2  |
| 148     | 63.3  | 32.0  | 96.0  |

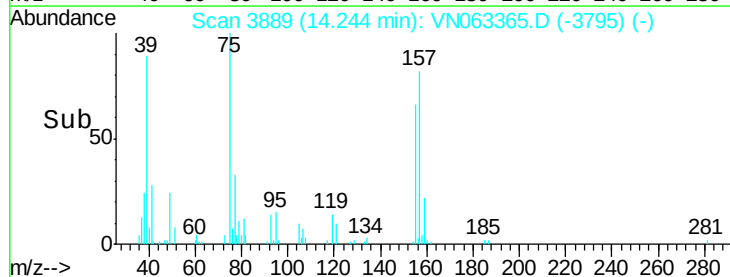
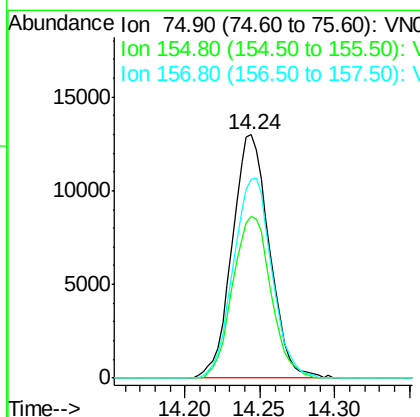
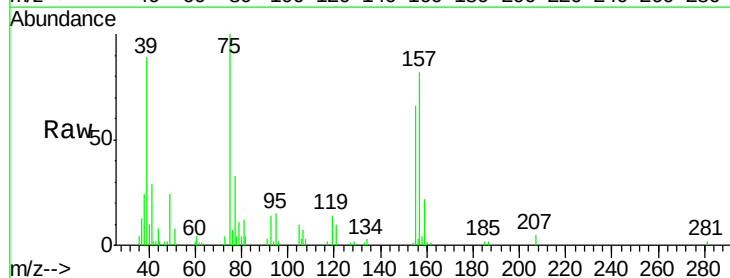
Manual Integrations  
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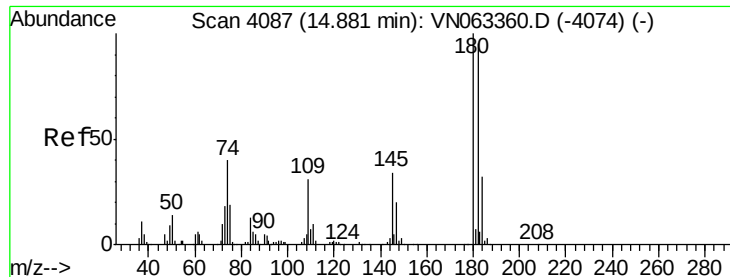
MMDadoda  
 9/17/2020 1:08:49 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.141 ug/l  
 RT: 14.24 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 68.3  | 34.6  | 103.9 |
| 157     | 85.0  | 43.7  | 131.1 |





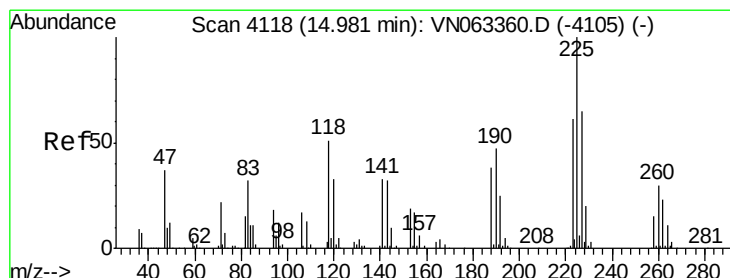
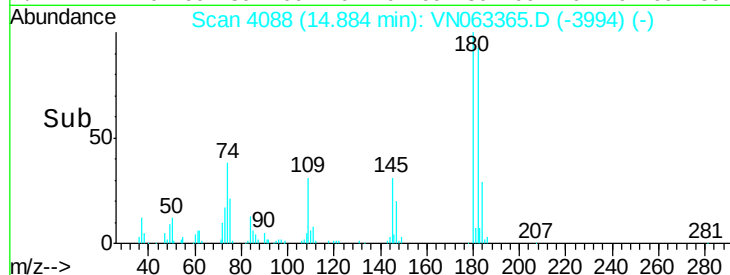
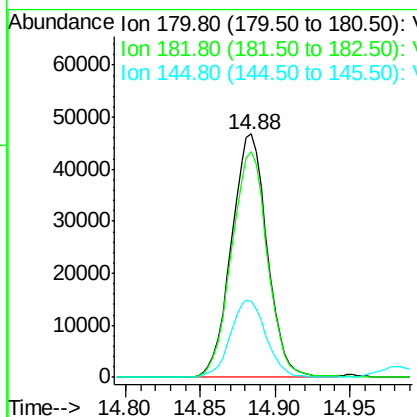
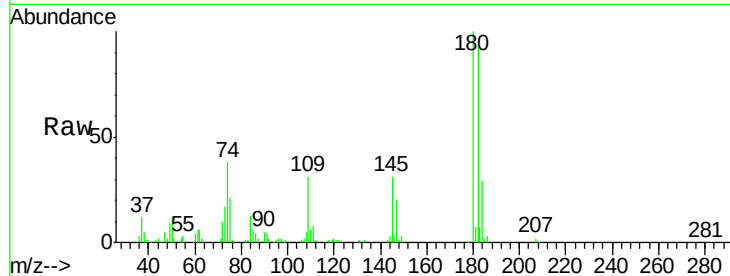
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.258 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0916WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 77690 |       |       |
| 182     | 93.1  | 47.3  | 142.0 |       |
| 145     | 31.6  | 16.6  | 49.7  |       |

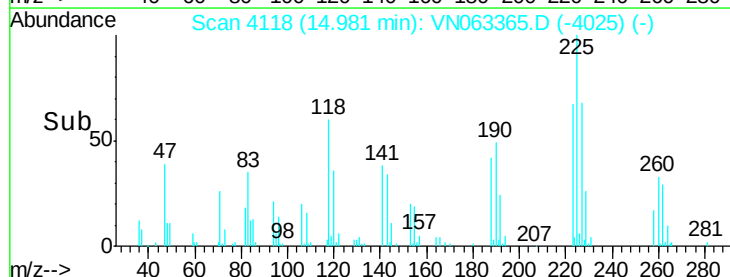
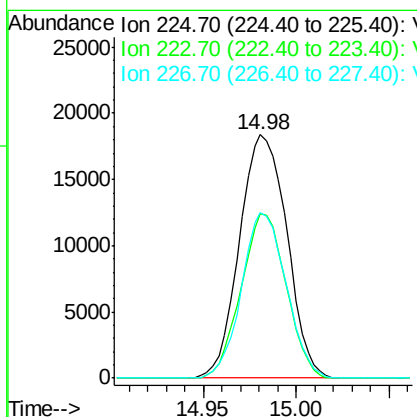
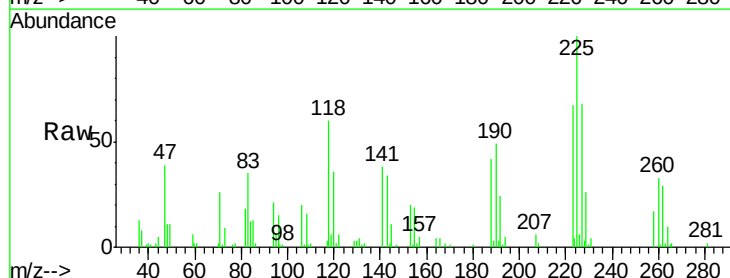
Manual Integrations  
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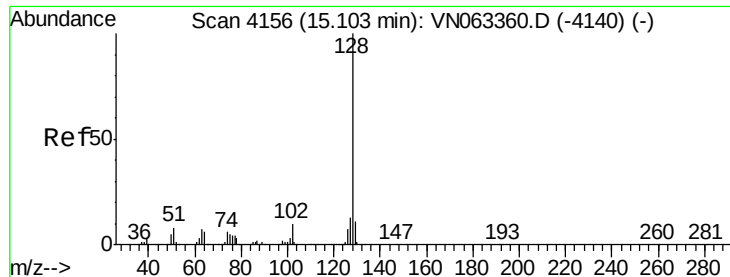
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#94  
 Hexachlorobutadiene  
 Concen: 20.499 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN063365.D  
 Acq: 16 Sep 2020 15:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 32545 |       |       |
| 223     | 64.2  | 30.6  | 91.6  |       |
| 227     | 64.1  | 31.2  | 93.6  |       |





#95

Naphthalene

Concen: 20.537 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

Instrument :

MSVOA\_N

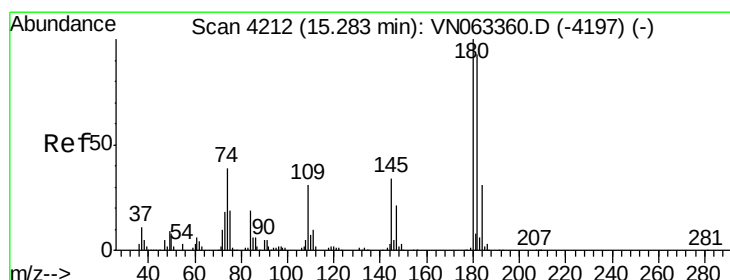
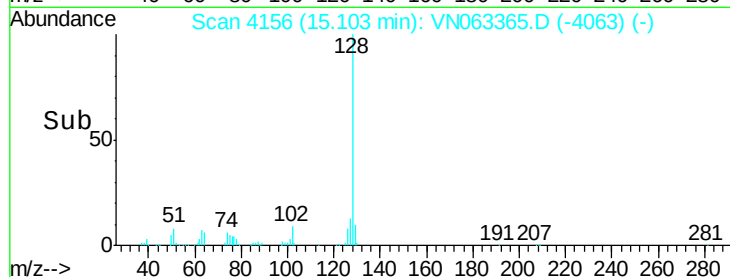
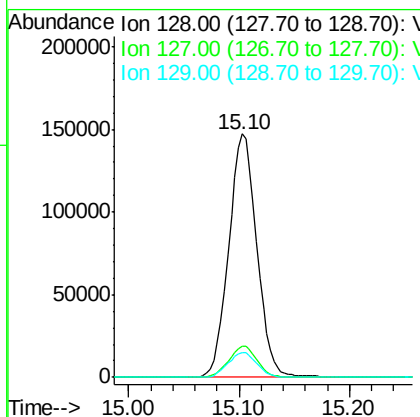
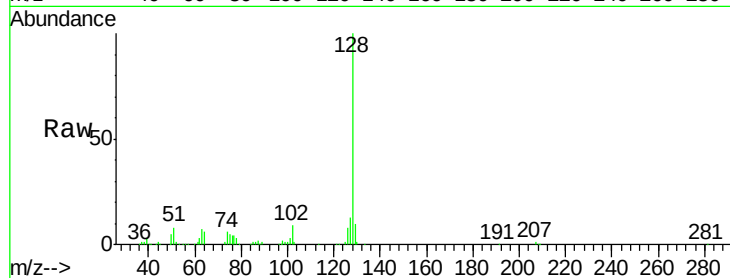
ClientSampleId :

VN0916WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 260211 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 12.8 | 10.6  | 15.8   |
| 129       | 10.5 | 8.8   | 13.2   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 19.972 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063365.D

Acq: 16 Sep 2020 15:26

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 180  | Resp: | 74007 |
| Ion Ratio |      | Lower | Upper |
| 180       | 100  |       |       |
| 182       | 94.5 | 46.7  | 140.1 |
| 145       | 33.6 | 16.8  | 50.3  |

