

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\  
 Data File : VD065528.D  
 Acq On : 26 Mar 2020 16:34  
 Operator : VA/SY  
 Sample : VSTDIC020  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Manual Integrations  
 APPROVED

apatel  
 3/27/2020 10:12:18 AM

Quant Time: Mar 27 01:26:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 01:12:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 516426   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 741993   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 686953   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 347162   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.34   | 65  | 86000    | 19.55 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 39.10% |      |
| 35) Dibromofluoromethane  | 7.92   | 113 | 91375    | 20.02 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 40.04% |      |
| 50) Toluene-d8            | 10.34  | 98  | 345738   | 19.81 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 39.62% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 109452   | 20.24 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 40.48% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 78057  | 18.582  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 103295 | 19.901  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.35 | 62  | 101962 | 19.847  | ug/l   | 98     |
| 5) Bromomethane               | 2.76 | 94  | 67754  | 20.211  | ug/l   | 99     |
| 6) Chloroethane               | 2.92 | 64  | 64400  | 20.284  | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 149796 | 19.653  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.71 | 74  | 45755  | 19.933  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 97640  | 19.750  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 103925 | 20.001  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.23 | 59  | 28260  | 111.973 | ug/l # | 73     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 92390  | 19.575  | ug/l   | 94     |
| 13) Acrolein                  | 3.93 | 56  | 39871  | 90.123  | ug/l   | 97     |
| 14) Allyl chloride            | 4.71 | 41  | 135492 | 18.746  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.43 | 53  | 97229  | 97.942  | ug/l   | 98     |
| 16) Acetone                   | 4.17 | 43  | 81648  | 92.356  | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.40 | 76  | 306181 | 19.553  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.72 | 43  | 42491  | 18.889  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 176419 | 19.286  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.96 | 84  | 127416 | 23.121  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 105084 | 19.974  | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.37 | 45  | 276069 | 20.376  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.31 | 43  | 729791 | 97.166  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 173300 | 20.017  | ug/l   | 99     |
| 25) 2-Butanone                | 7.22 | 43  | 110231 | 91.384  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 151809 | 19.952  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 105454 | 19.574  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.55 | 49  | 70923  | 20.259  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 73931  | 95.995  | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 178708 | 20.565  | ug/l   | 97     |
| 31) Cyclohexane               | 7.98 | 56  | 163415 | 18.953  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 163213 | 20.357  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 142939 | 20.398  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.30 | 43  | 55364  | 20.315  | ug/l # | 95     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 147144 | 20.184  | ug/l   | 96     |

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC020

Manual Integrations  
 APPROVED

apatel  
 3/27/2020 10:12:18 AM

Quant Time: Mar 27 01:26:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 01:12:04 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 163912   | 19.452  | ug/l   | 99       |
| 40) Benzene                    | 8.36  | 78   | 403368   | 20.547  | ug/l   | 95       |
| 41) Methacrylonitrile          | 7.54  | 41   | 32324    | 21.902  | ug/l # | 86       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 107747   | 20.883  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 95168    | 18.968  | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 114655   | 20.628  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 100307   | 21.054  | ug/l   | 94       |
| 46) Dibromomethane             | 9.48  | 93   | 51733    | 20.903  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.67  | 83   | 137826   | 21.399  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.46  | 41   | 49555    | 20.919  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 11789    | 413.725 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 248276   | 98.008  | ug/l   | 99       |
| 52) Toluene                    | 10.41 | 92   | 256509   | 20.703  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 122652   | 20.357  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 151107   | 20.739  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.81 | 97   | 73553    | 20.867  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 75831    | 19.108  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 122920   | 20.633  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.95  | 63   | 201026   | 138.601 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.99 | 43   | 166615   | 95.280  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.14 | 129  | 98144    | 21.679  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 69368    | 20.555  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 102113   | 20.873  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.67 | 112  | 278954   | 20.675  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 104465   | 21.139  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 466460   | 20.081  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 372885   | 41.595  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 160208   | 20.306  | ug/l   | 100      |
| 70) Styrene                    | 12.20 | 104  | 289775   | 20.797  | ug/l   | 100      |
| 71) Bromoform                  | 12.37 | 173  | 57620    | 20.711  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.48 | 105  | 442691   | 19.790  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.30 | 43   | 84622    | 18.456  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 77835    | 19.694  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 51055m   | 18.496  | ug/l   |          |
| 77) Bromobenzene               | 12.77 | 156  | 115144   | 20.508  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 527531   | 19.805  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 301501   | 20.042  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 375382   | 20.395  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.54 | 75   | 24303    | 18.982  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 329364   | 20.853  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 304475   | 19.510  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 374044   | 20.564  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 438599   | 19.768  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 410926   | 20.273  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 222793   | 20.632  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 218766   | 20.351  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.86 | 91   | 356641   | 19.113  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 84944    | 20.333  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 189480   | 20.617  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 11178    | 18.507  | ug/l   | 95       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032620\  
Data File : VD065528.D  
Acq On : 26 Mar 2020 16:34  
Operator : VA/SY  
Sample : VSTDICC020  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC020

Manual Integrations  
APPROVED

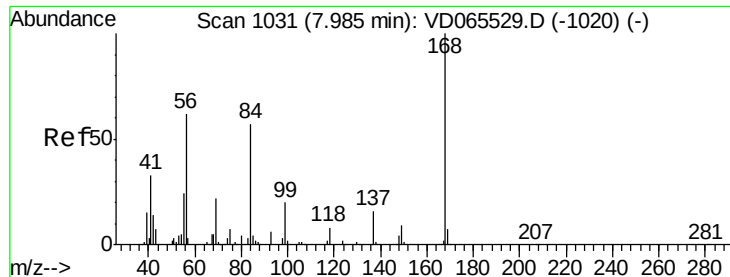
apatel  
3/27/2020 10:12:18 AM

Quant Time: Mar 27 01:26:03 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D032620S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 01:12:04 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 124860   | 20.011 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 83064    | 20.389 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 177869   | 17.886 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 106772   | 19.808 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 516426

Ion Ratio Lower Upper

168 100

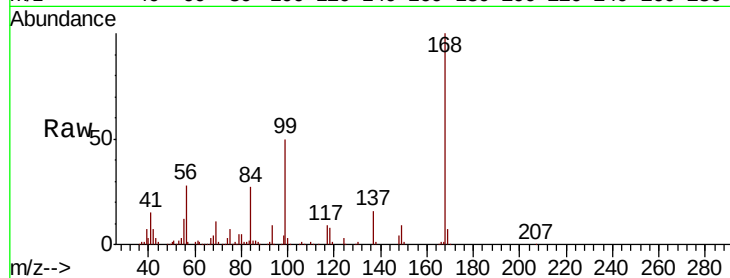
99 50.4 39.1 58.7

Manual Integrations

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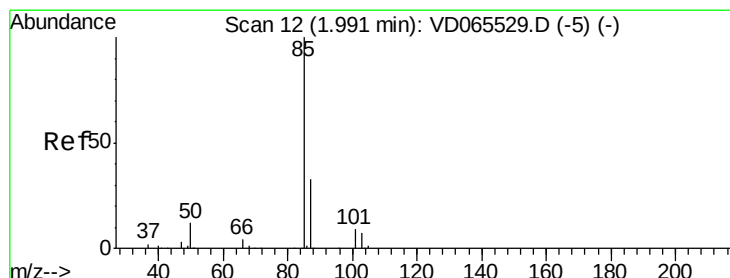
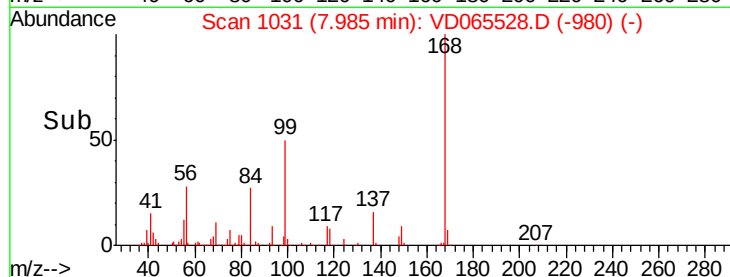
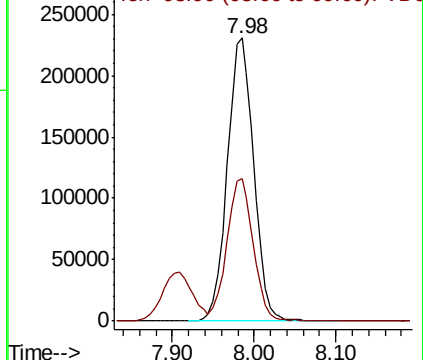
apatel

3/27/2020 10:12:18 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 18.582 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065528.D

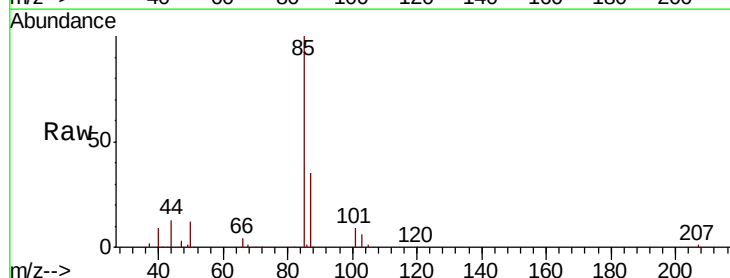
Acq: 26 Mar 2020 16:34

Tgt Ion: 85 Resp: 78057

Ion Ratio Lower Upper

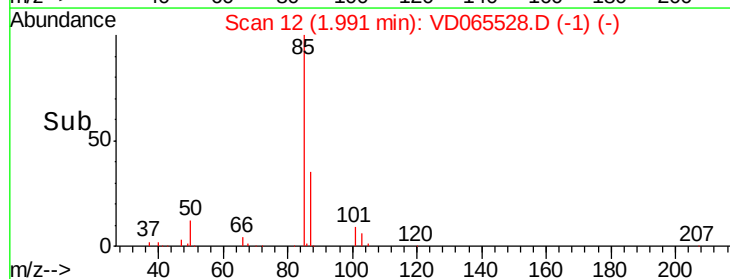
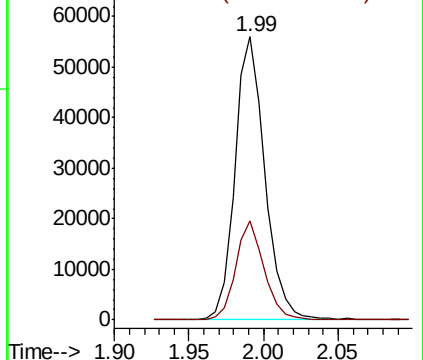
85 100

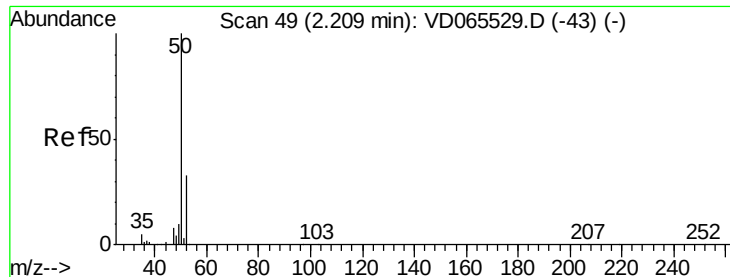
87 34.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.901 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 103295

Ion Ratio Lower Upper

50 100

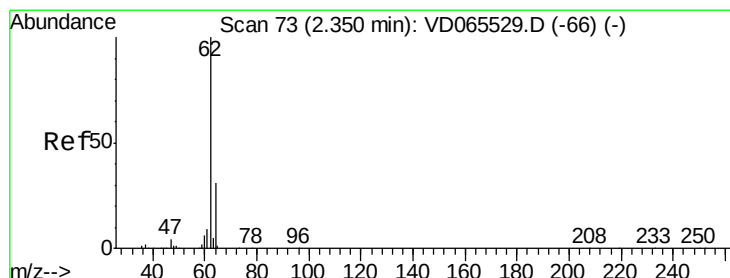
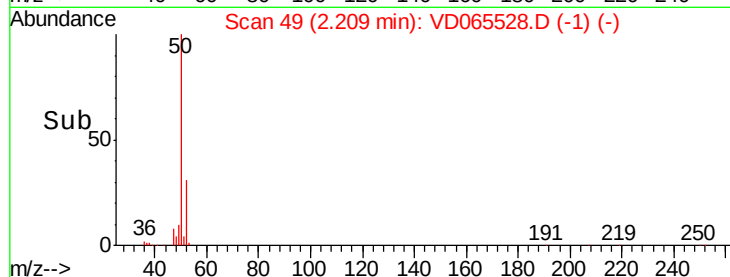
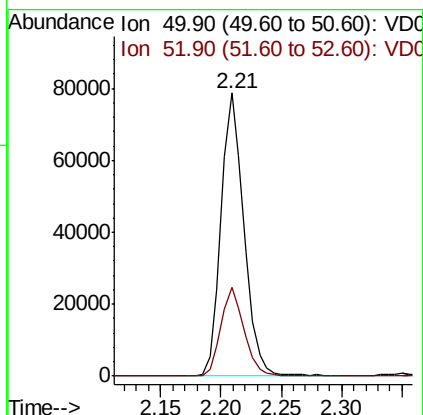
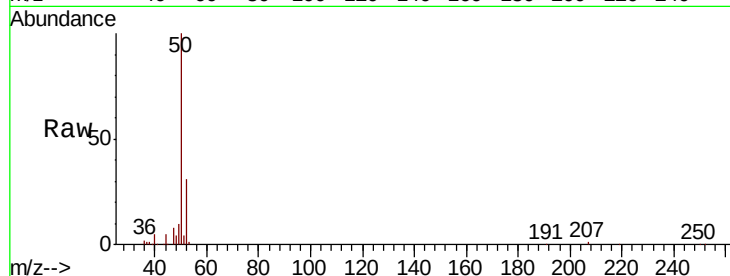
52 31.4 26.3 39.5

Manual Integrations

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3/27/2020 10:12:18 AM



#4

Vinyl Chloride

Concen: 19.847 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065528.D

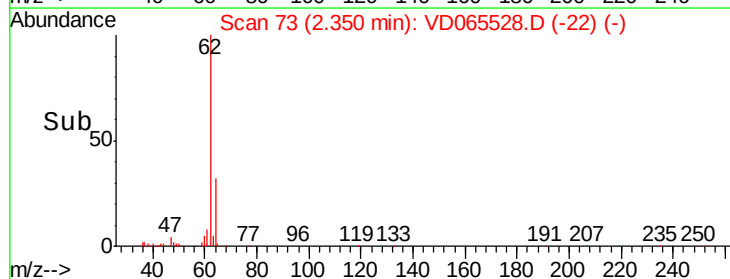
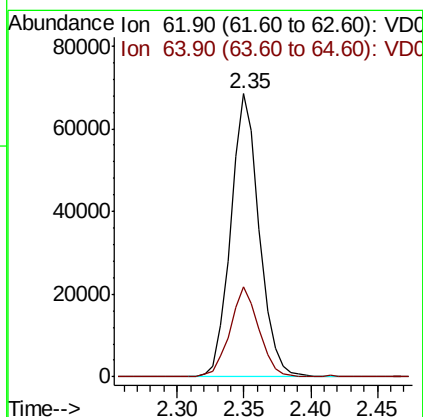
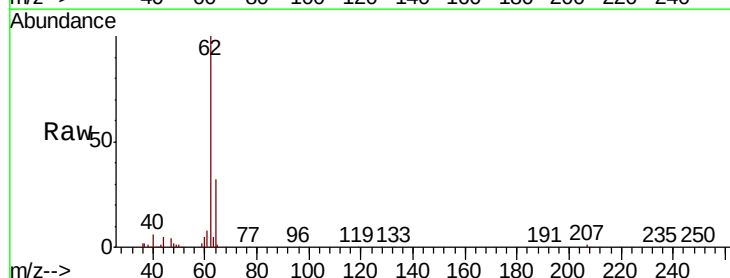
Acq: 26 Mar 2020 16:34

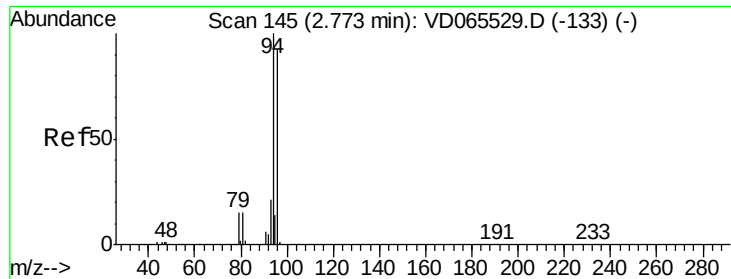
Tgt Ion: 62 Resp: 101962

Ion Ratio Lower Upper

62 100

64 32.0 24.8 37.2





#5

Bromomethane

Concen: 20.211 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 67754

Ion Ratio Lower Upper

94 100

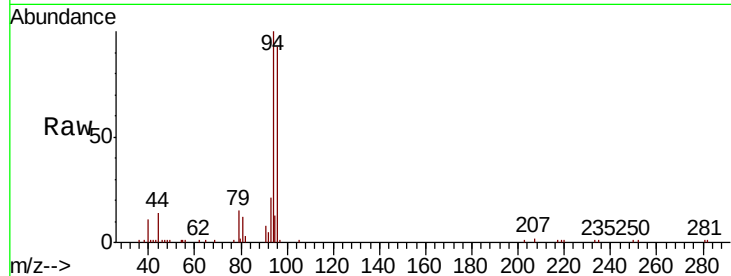
96 92.9 73.4 110.2

Manual Integrations

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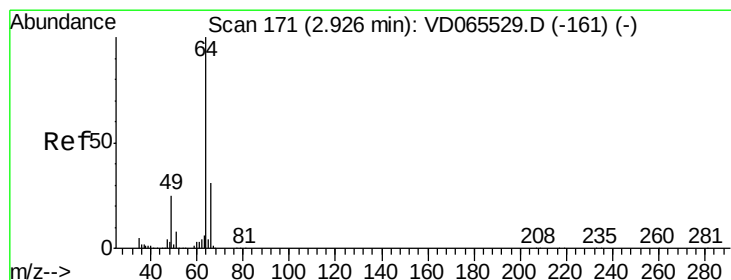
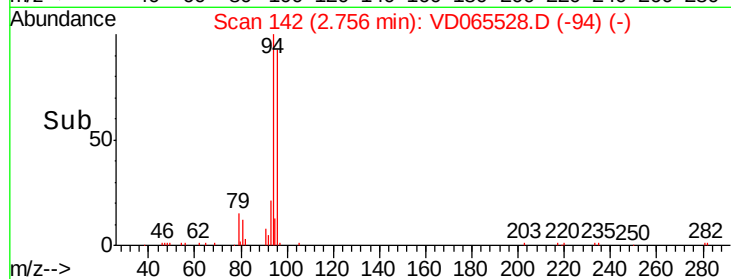
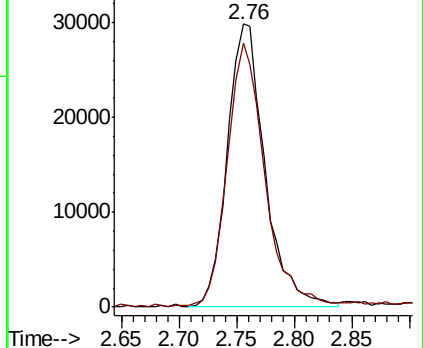
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3/27/2020 10:12:18 AM



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.284 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065528.D

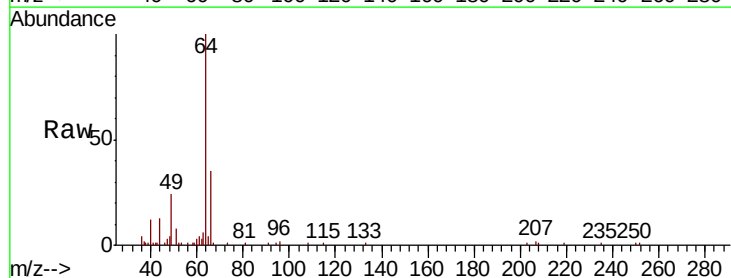
Acq: 26 Mar 2020 16:34

Tgt Ion: 64 Resp: 64400

Ion Ratio Lower Upper

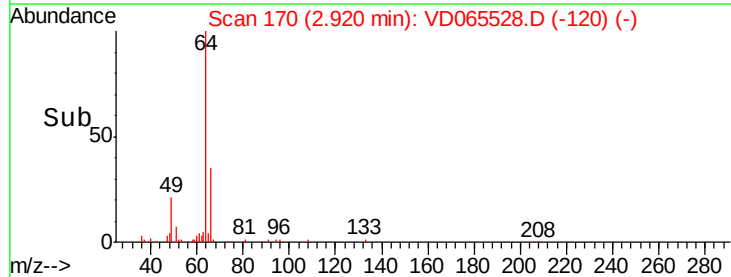
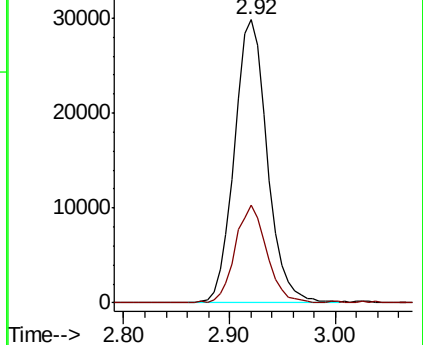
64 100

66 34.5 25.0 37.6

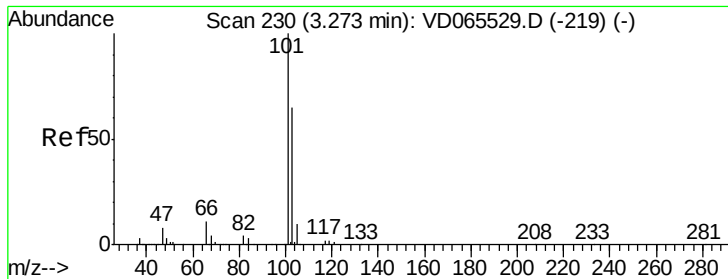


Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC







#7

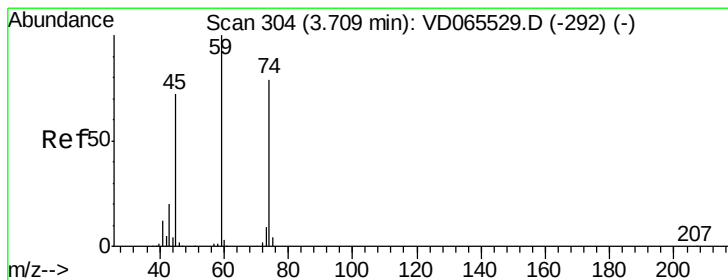
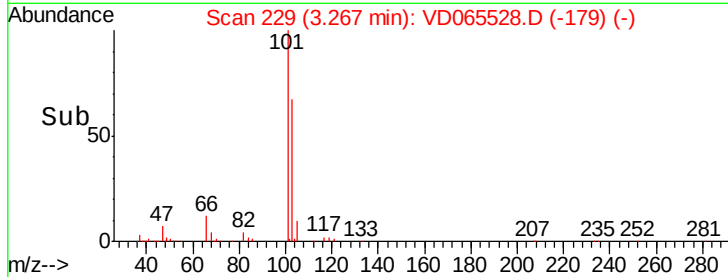
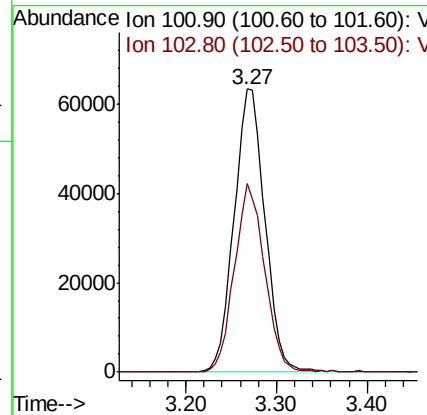
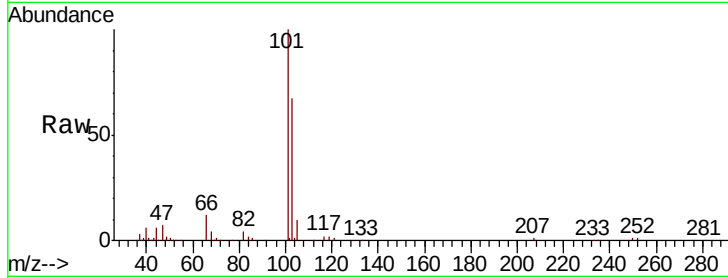
Trichlorofluoromethane  
Concen: 19.653 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. -0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 149796 |       |       |
| 103     | 66.6  | 51.9   | 77.9  |       |

Manual Integrations  
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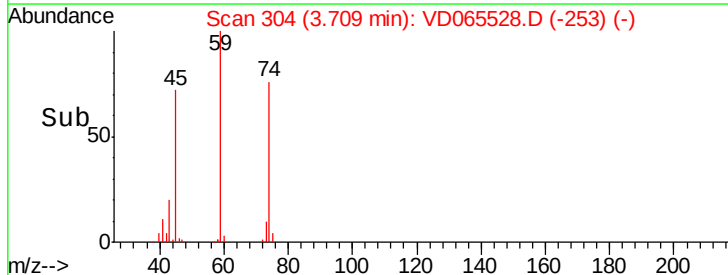
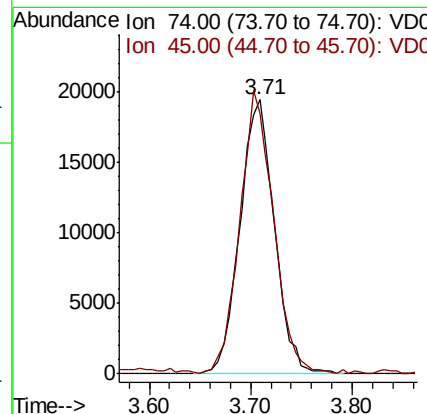
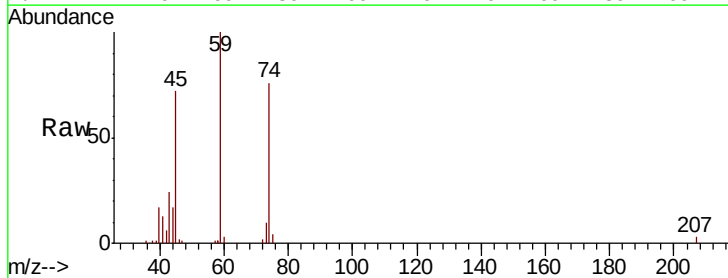
apatel  
3/27/2020 10:12:18 AM



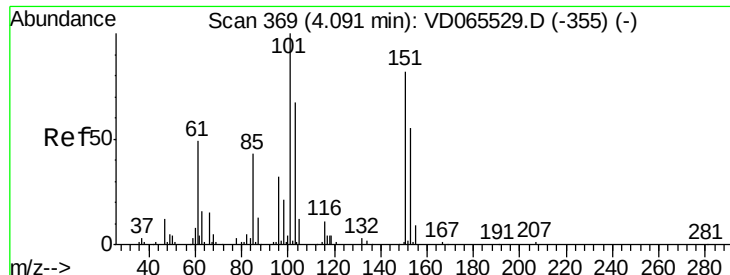
#8

Diethyl Ether  
Concen: 19.933 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 45755 |       |       |
| 45      | 101.5 | 48.2  | 144.6 |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.750 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

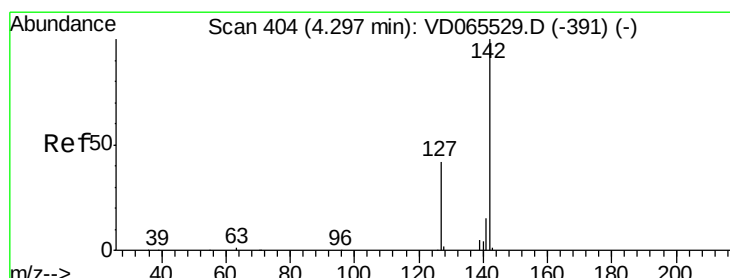
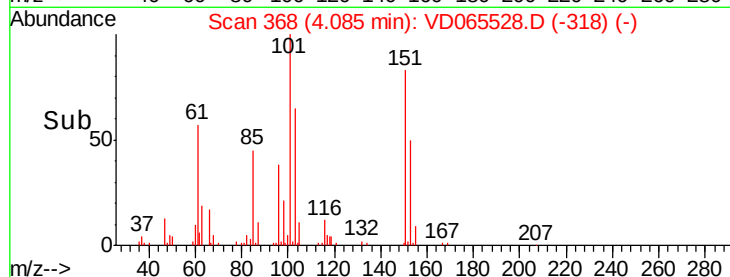
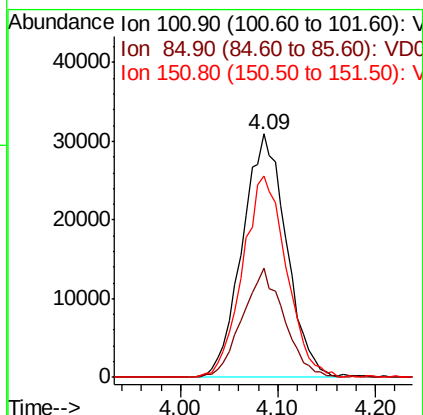
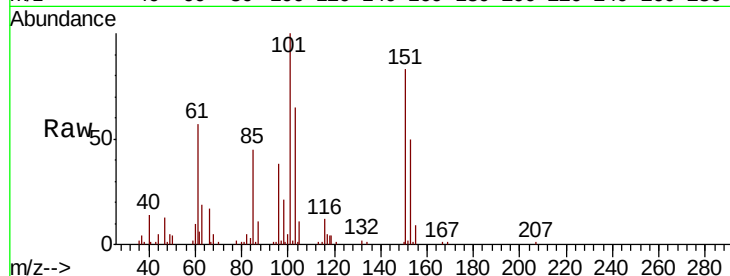
ClientSampleId :

VSTDIC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 97640 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.3  | 32.6  | 48.8  |
| 151       | 81.8  | 65.5  | 98.3  |

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#10

Methyl Iodide

Concen: 20.001 ug/l

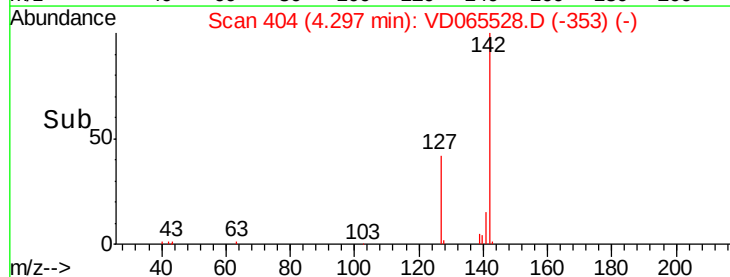
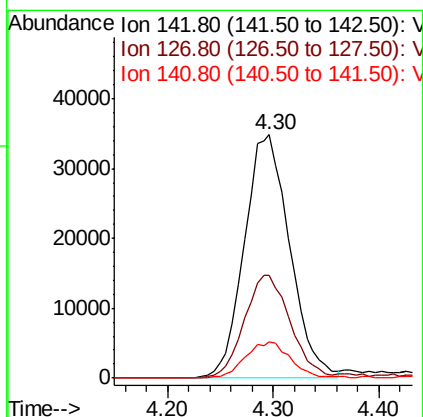
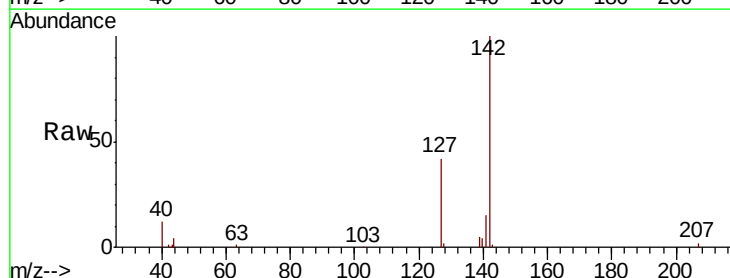
RT: 4.30 min Scan# 404

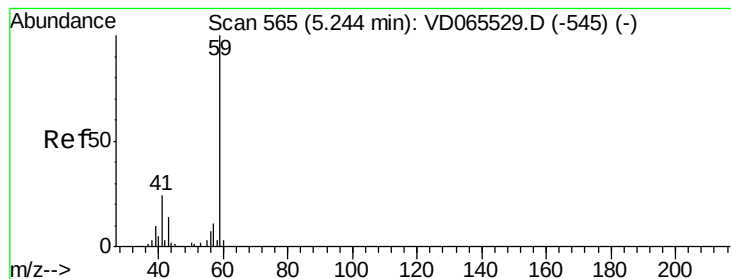
Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 103925 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.6  | 33.9  | 50.9   |
| 141       | 14.9  | 11.6  | 17.4   |





#11

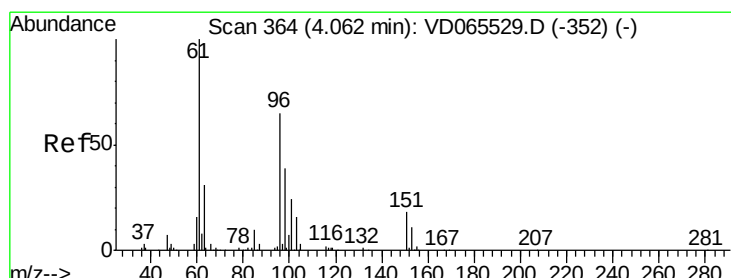
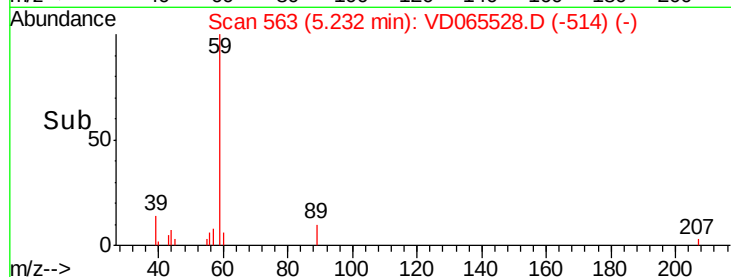
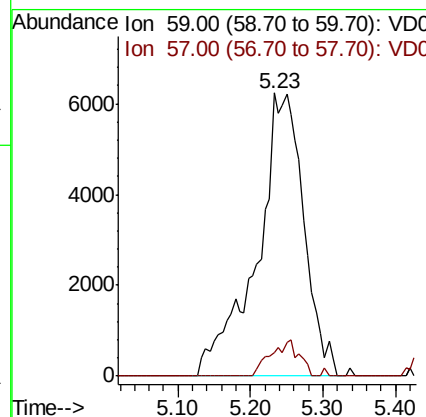
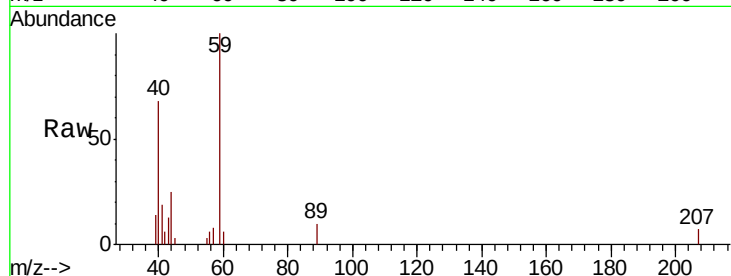
Tert butyl alcohol  
Concen: 111.973 ug/l  
RT: 5.23 min Scan# 563  
Delta R.T. -0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 8.1   | 12.1# |

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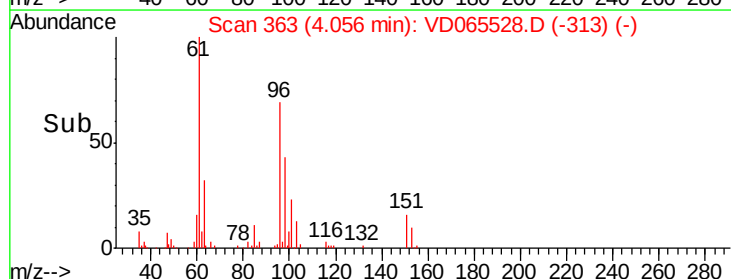
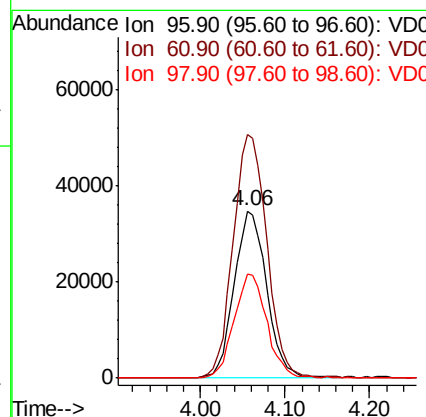
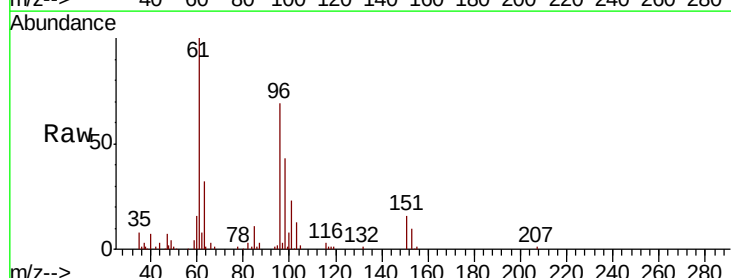
apatel  
3/27/2020 10:12:18 AM

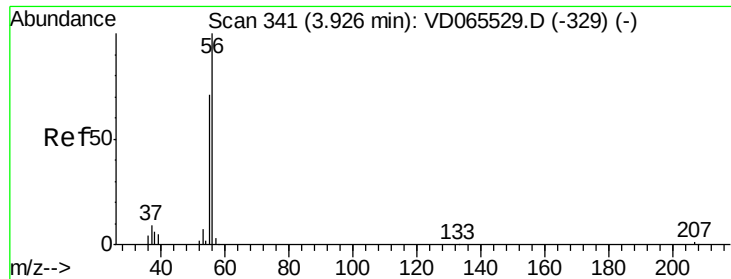


#12

1,1-Dichloroethene  
Concen: 19.575 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 145.7 | 124.0 | 186.0 |
| 98      | 62.5  | 48.2  | 72.4  |





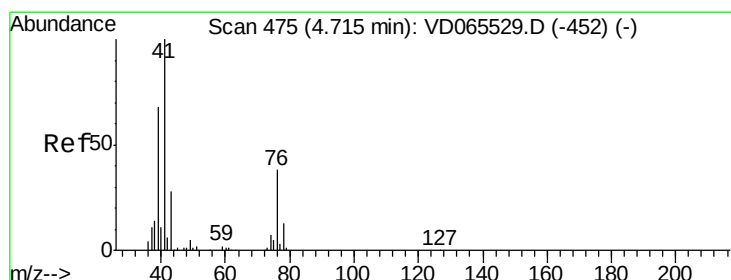
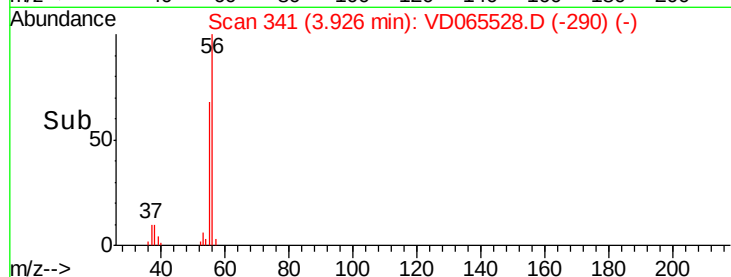
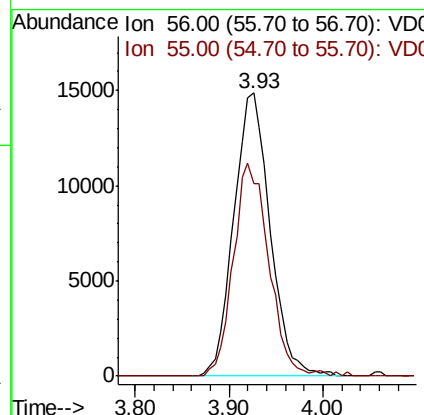
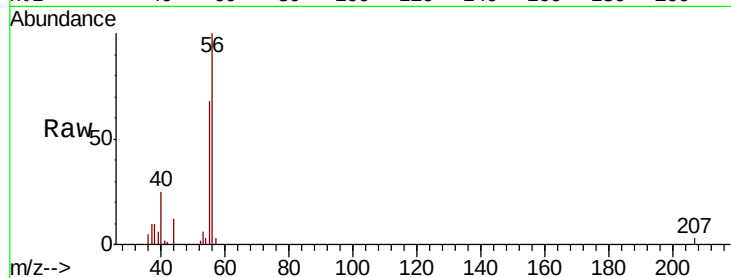
#13  
Acrolein  
Concen: 90.123 ug/l  
RT: 3.93 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | 56    | Resp  | 39871 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 56      | 100   |       |       |
| 55      | 72.8  | 56.2  | 84.2  |

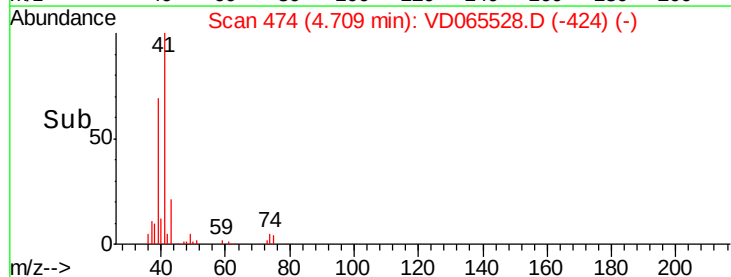
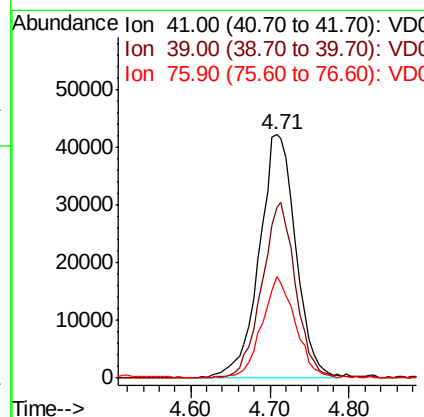
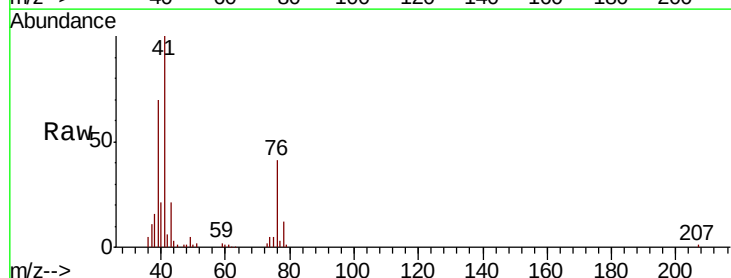
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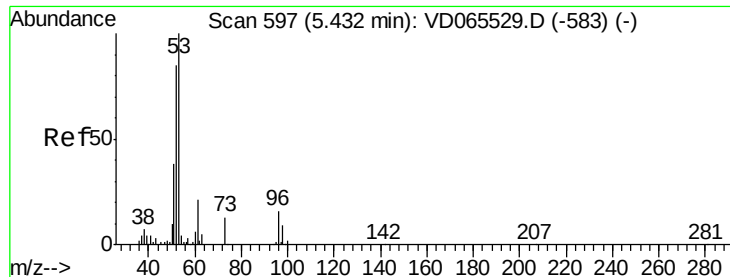
apatel  
3/27/2020 10:12:18 AM



#14  
Allyl chloride  
Concen: 18.746 ug/l  
RT: 4.71 min Scan# 474  
Delta R.T. -0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | 41    | Resp  | 135492 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 41      | 100   |       |        |
| 39      | 67.1  | 52.9  | 79.3   |
| 76      | 38.0  | 28.9  | 43.3   |





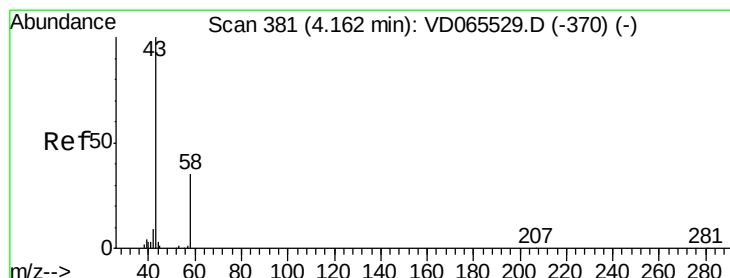
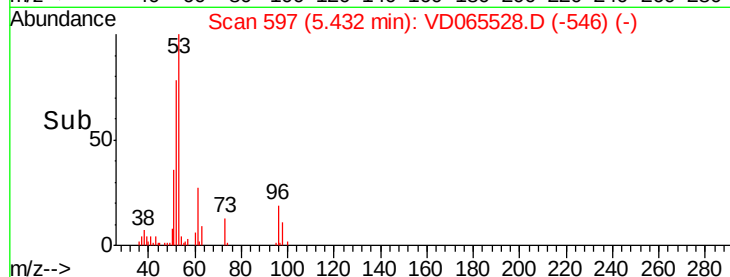
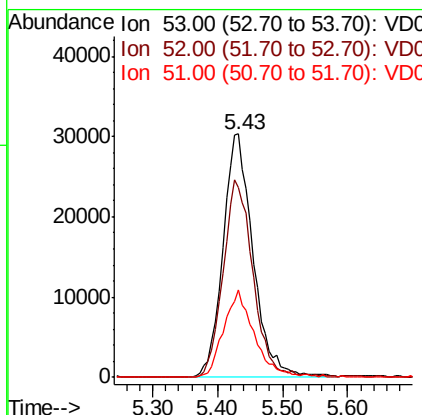
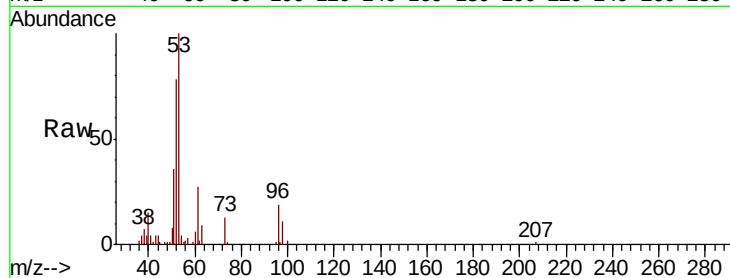
#15  
 Acrylonitrile  
 Concen: 97.942 ug/l  
 RT: 5.43 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 80.7  | 65.8  | 98.6  |
| 51      | 36.0  | 29.7  | 44.5  |

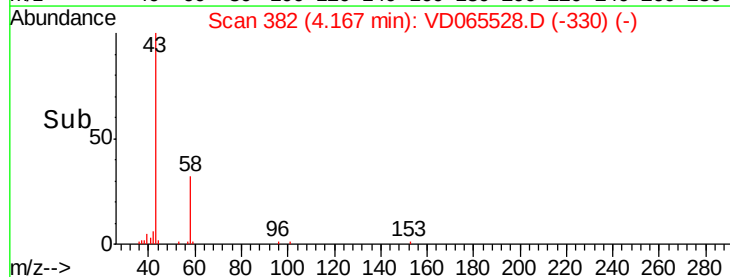
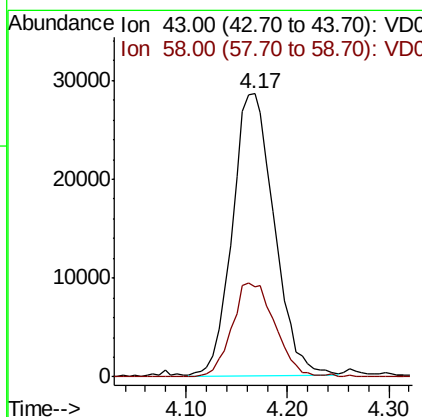
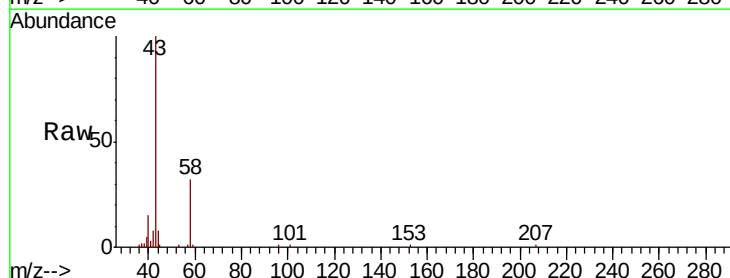
Manual Integrations  
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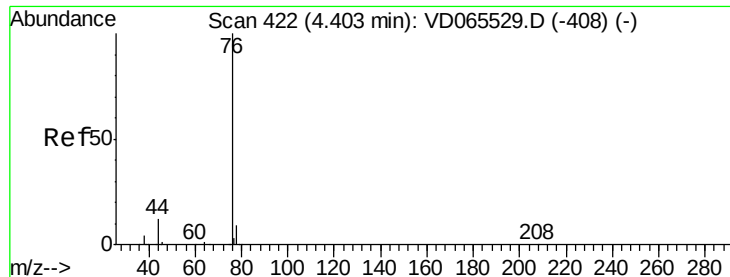
apatel  
 3/27/2020 10:12:18 AM



#16  
 Acetone  
 Concen: 92.356 ug/l  
 RT: 4.17 min Scan# 382  
 Delta R.T. 0.01 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 32.1  | 27.9  | 41.9  |





#17

Carbon Disulfide

Concen: 19.553 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 306181

Ion Ratio Lower Upper

76 100

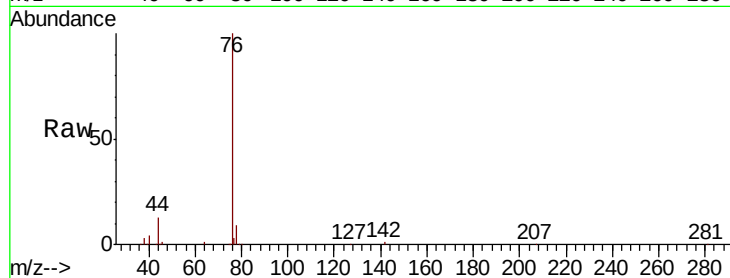
78 9.2 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

120000

100000

80000

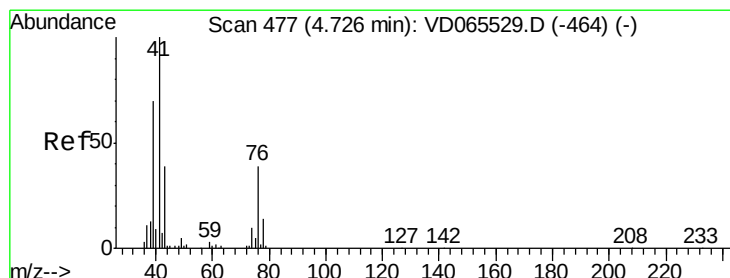
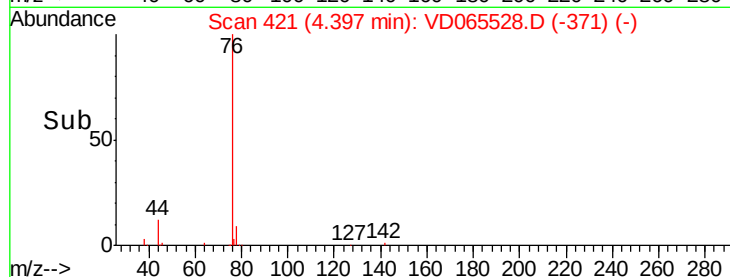
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.889 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VD065528.D

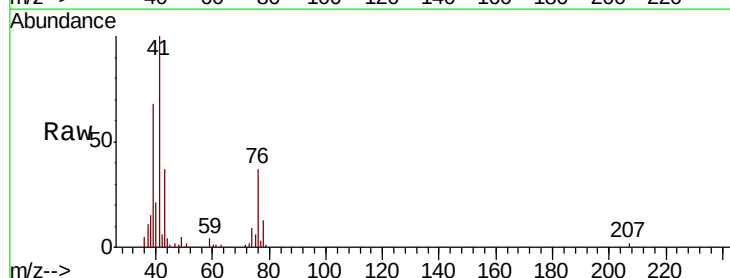
Acq: 26 Mar 2020 16:34

Tgt Ion: 43 Resp: 42491

Ion Ratio Lower Upper

43 100

74 24.1 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.72

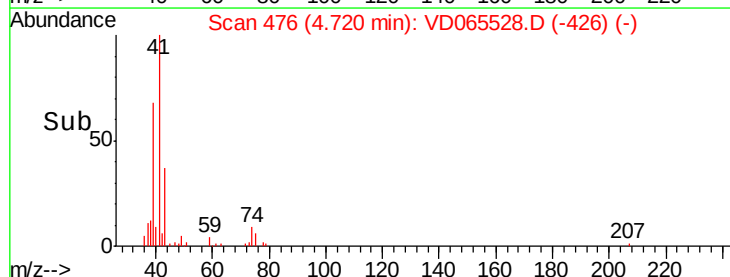
15000

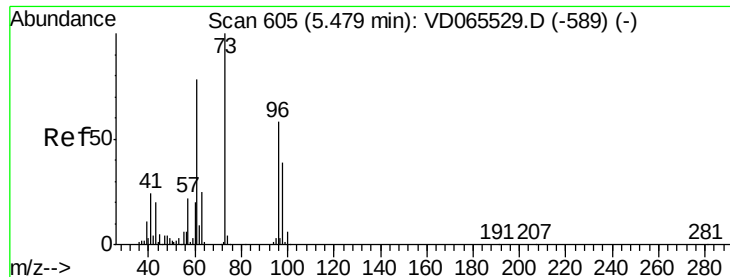
10000

5000

0

Time-->





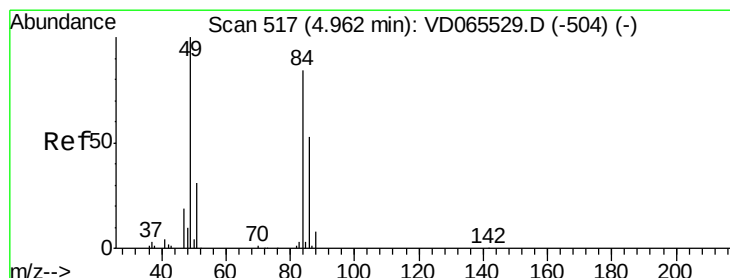
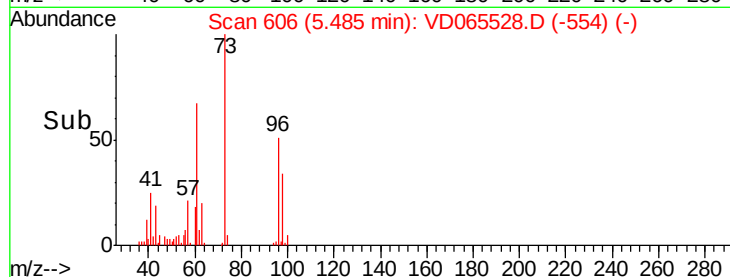
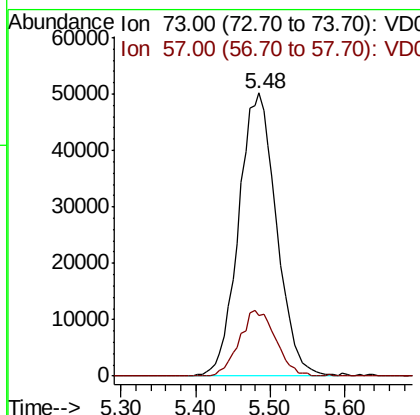
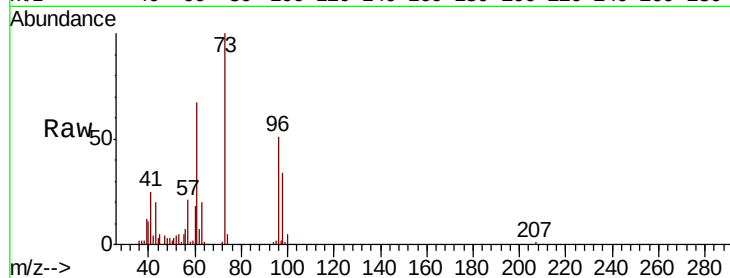
#19  
Methyl tert-butyl Ether  
Concen: 19.286 ug/l  
RT: 5.48 min Scan# 606  
Delta R.T. 0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tot Ion: 73 Resp: 176419  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.7 26.5

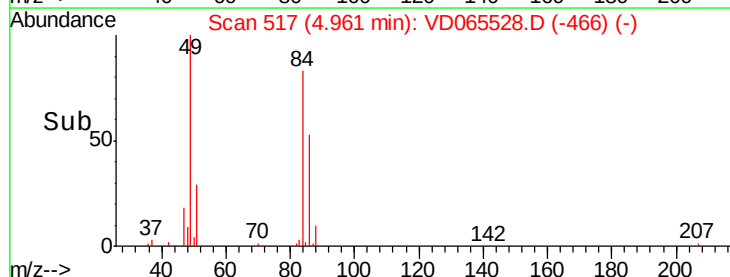
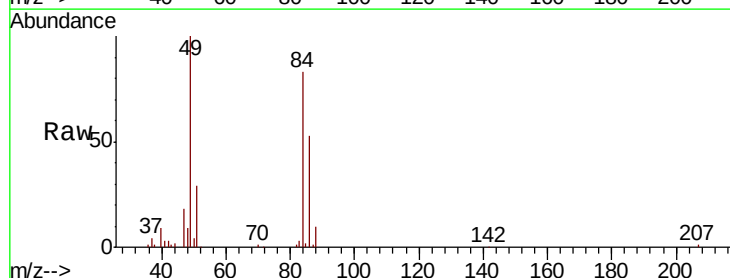
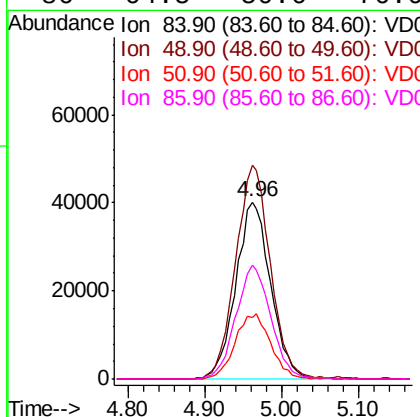
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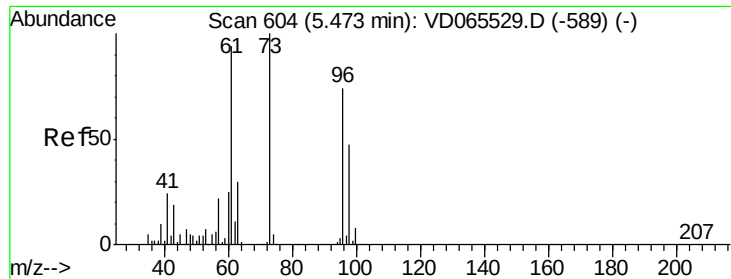
apatel  
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#20  
Methylene Chloride  
Concen: 23.121 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Tgt Ion: 84 Resp: 127416  
Ion Ratio Lower Upper  
84 100  
49 120.9 95.6 143.4  
51 34.9 29.4 44.2  
86 64.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.974 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

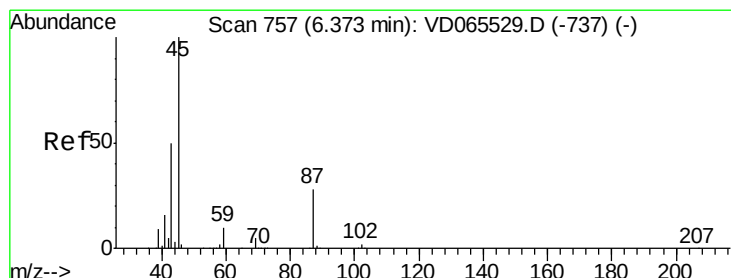
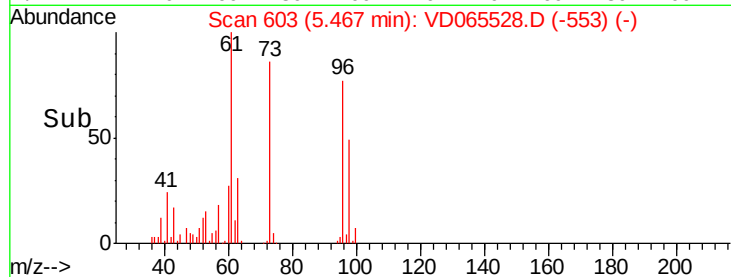
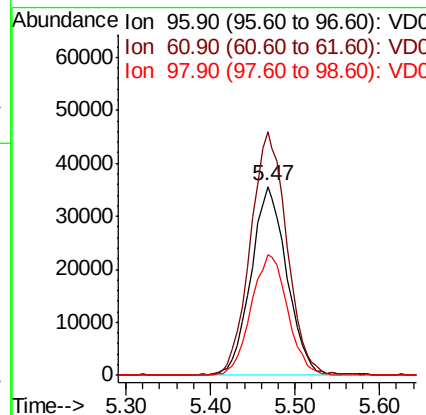
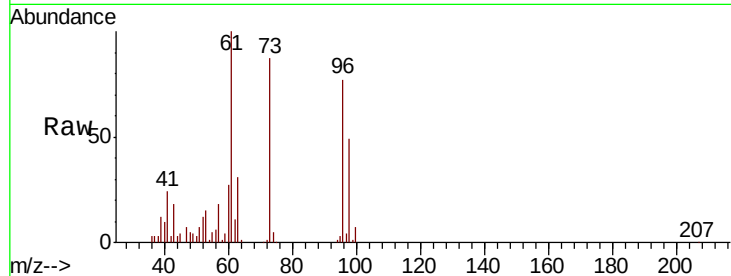
ClientSampleId :

VSTDIC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 105084 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 129.1 | 101.8 | 152.6  |
| 98       | 63.9  | 51.4  | 77.2   |

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#22

Diisopropyl ether

Concen: 20.376 ug/l

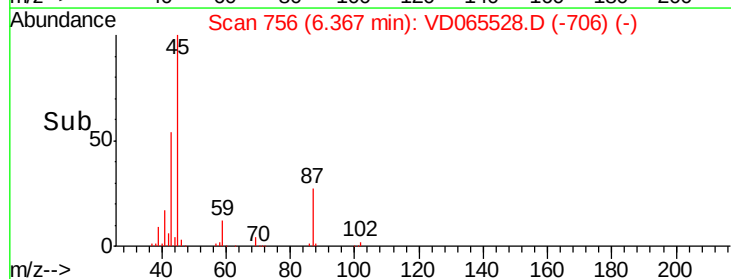
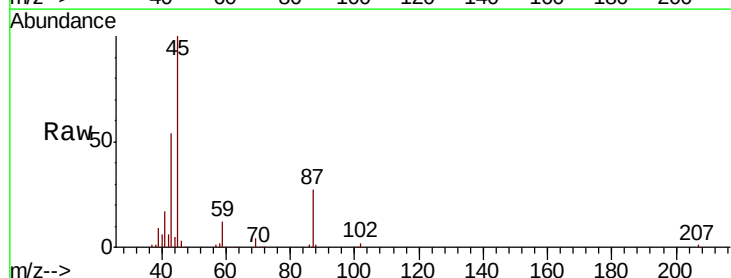
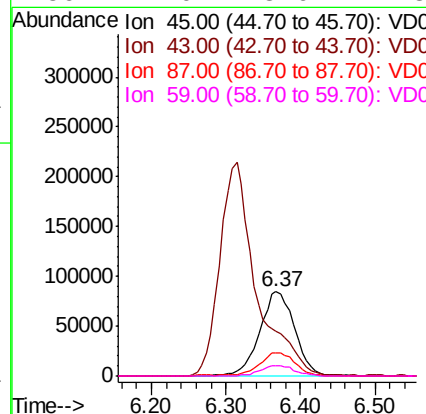
RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

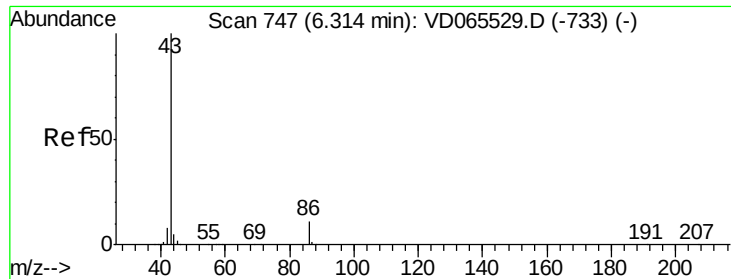
Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 276069 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 52.5  | 40.5  | 60.7   |
| 87       | 27.2  | 22.5  | 33.7   |
| 59       | 12.0  | 8.6   | 12.8   |







#23

Vinyl Acetate

Concen: 97.166 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleID :

VSTDIC020

Tot Ion: 43 Resp: 729791

Ion Ratio Lower Upper

43 100

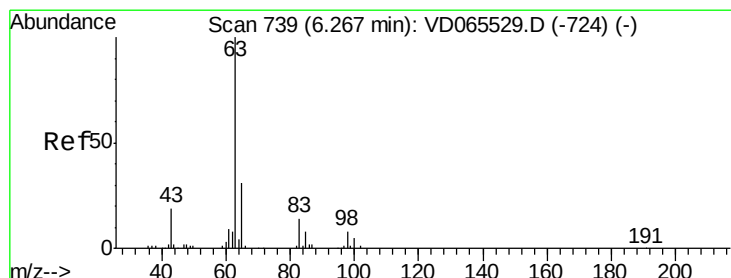
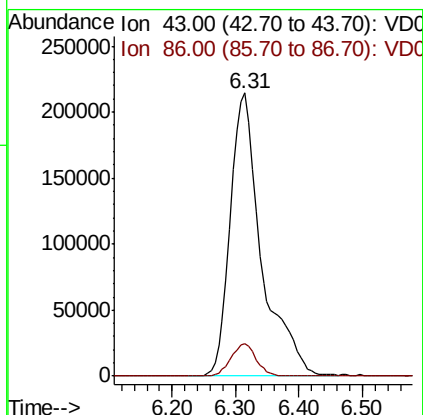
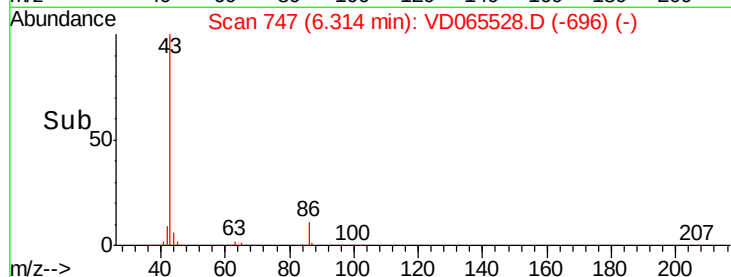
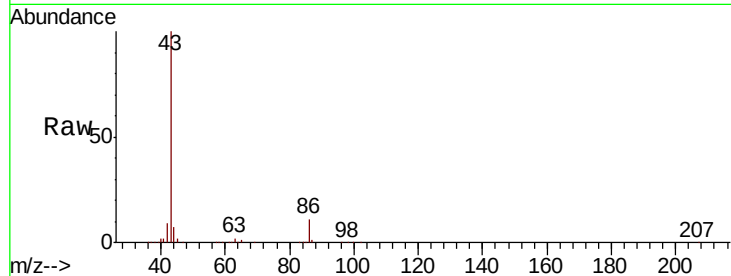
86 11.3 9.0 13.4

Manual Integrations

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apatel

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#24

1,1-Dichloroethane

Concen: 20.017 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

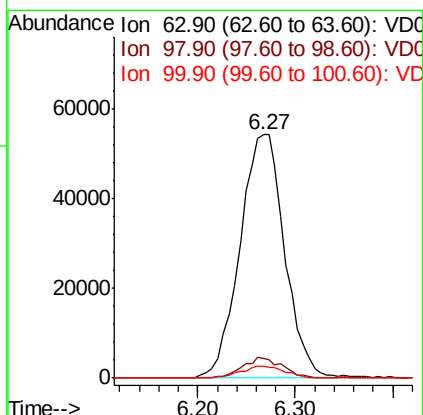
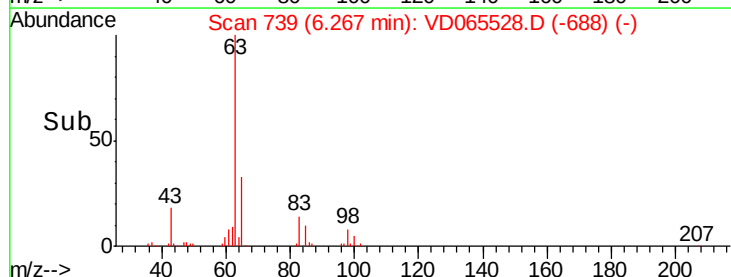
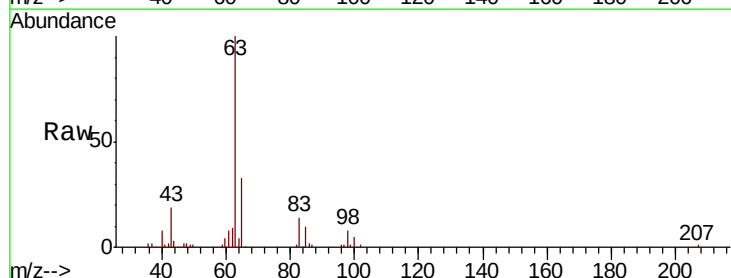
Tgt Ion: 63 Resp: 173300

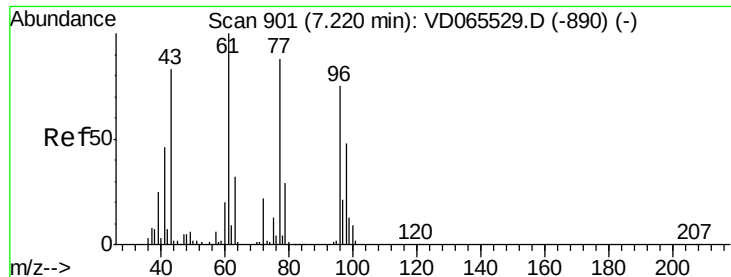
Ion Ratio Lower Upper

63 100

98 7.9 4.2 12.6

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 91.384 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 110231

Ion Ratio Lower Upper

43 100

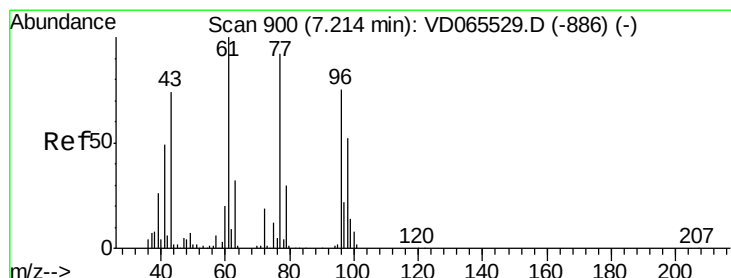
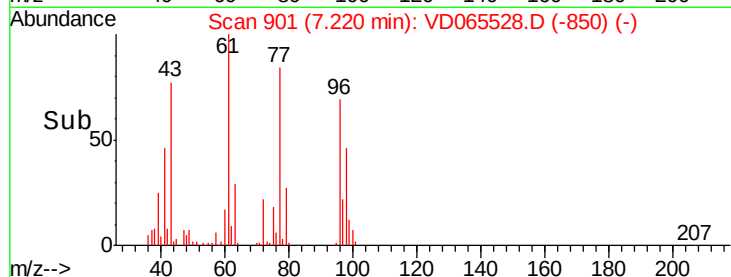
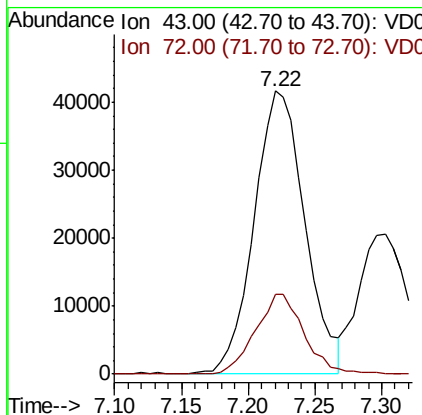
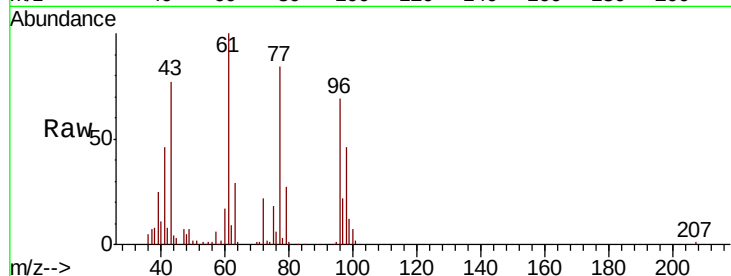
72 28.2 21.5 32.3

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#26

2,2-Dichloropropane

Concen: 19.952 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065528.D

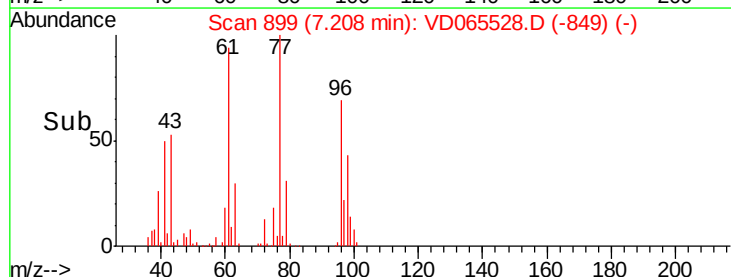
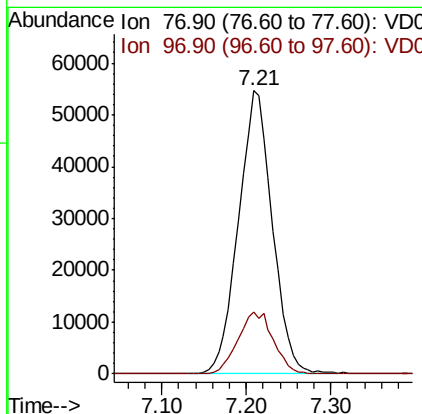
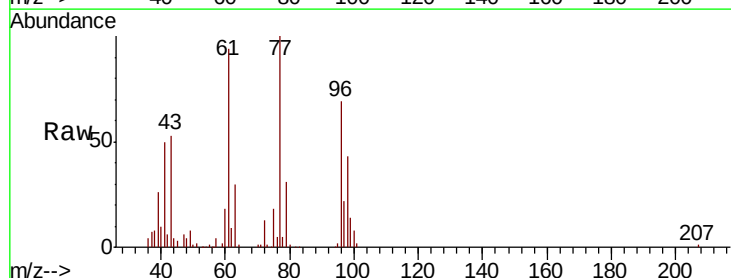
Acq: 26 Mar 2020 16:34

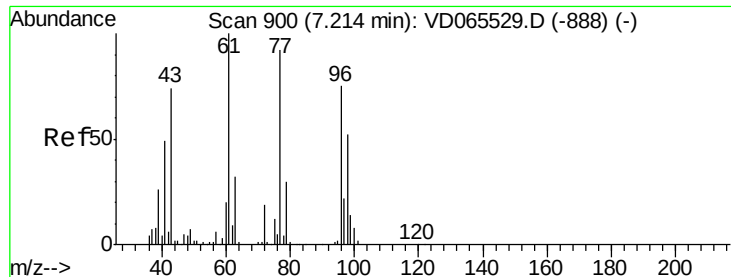
Tgt Ion: 77 Resp: 151809

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1





#27

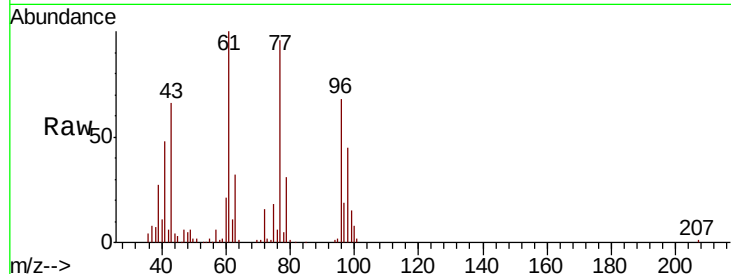
cis-1,2-Dichloroethene  
 Concen: 19.574 ug/l  
 RT: 7.21 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

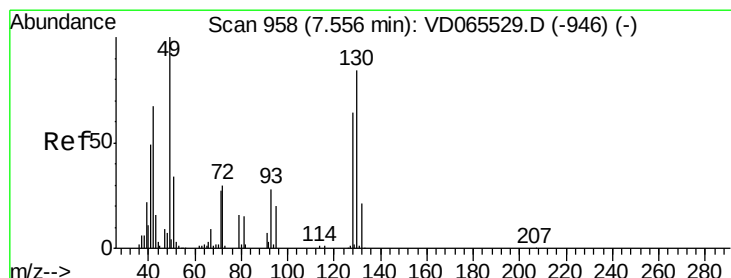
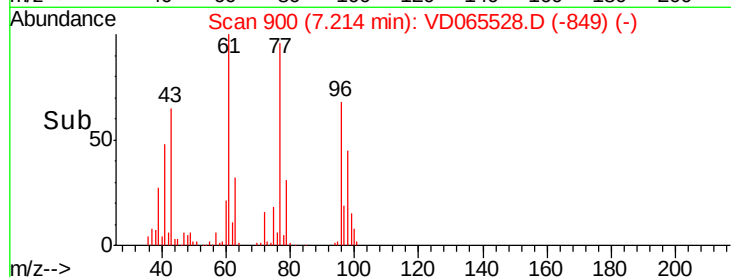
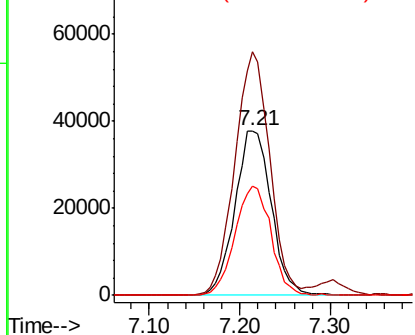
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 105454 |       |       |
| 61      | 141.9 |        | 0.0   | 278.0 |
| 98      | 65.4  |        | 0.0   | 129.6 |

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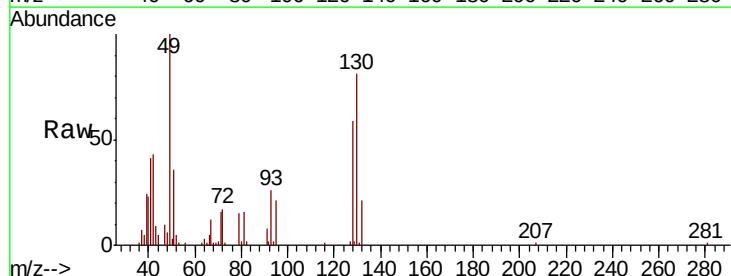
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.90 (60.60 to 61.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC



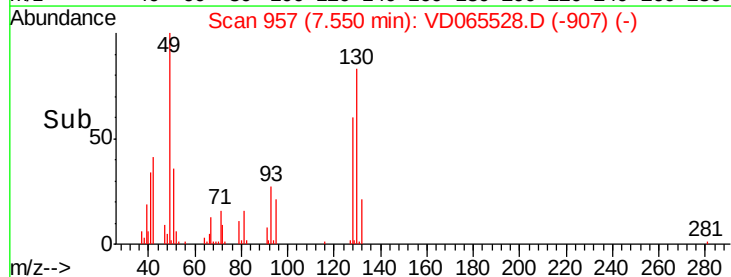
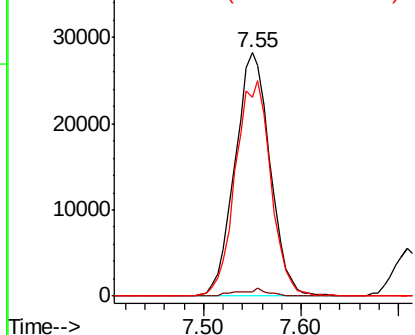
#28

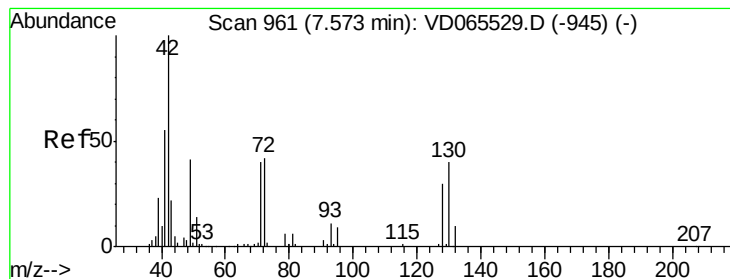
Bromochloromethane  
 Concen: 20.259 ug/l  
 RT: 7.55 min Scan# 957  
 Delta R.T. -0.01 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 70923 |       |       |
| 129     | 2.4   |       | 0.0   | 4.4   |
| 130     | 89.0  |       | 69.7  | 104.5 |



Abundance Ion 48.90 (48.60 to 49.60): VDC  
 Ion 128.80 (128.50 to 129.50): VDC  
 Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 95.995 ug/l

RT: 7.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

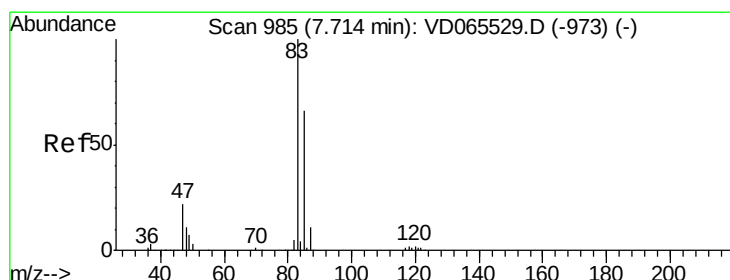
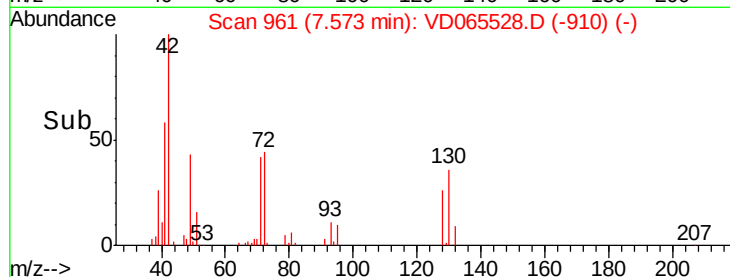
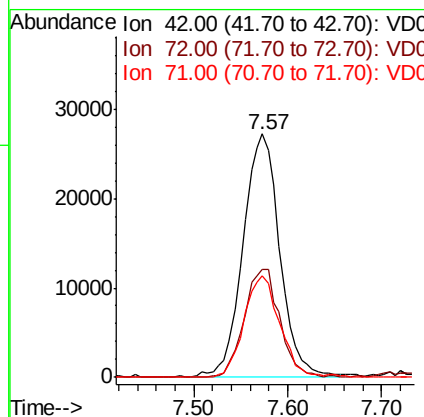
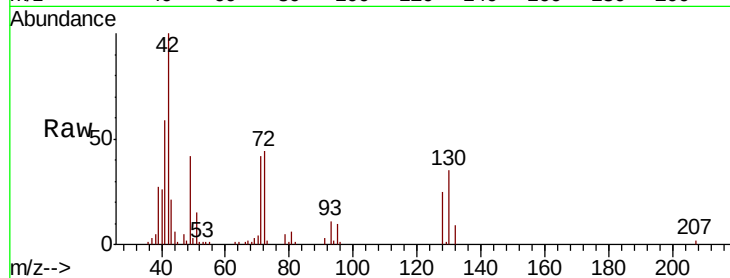
ClientSampleId :

VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 73931 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.6  | 35.0  | 52.6  |
| 71       | 40.2  | 33.0  | 49.6  |

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#30

Chloroform

Concen: 20.565 ug/l

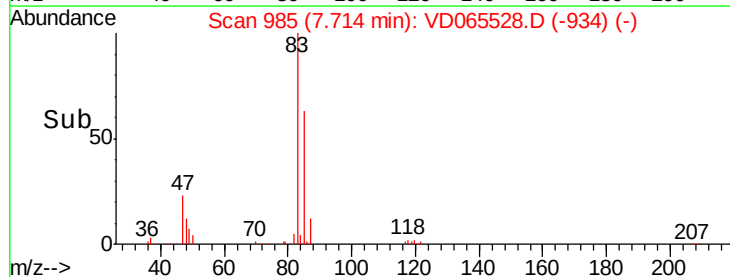
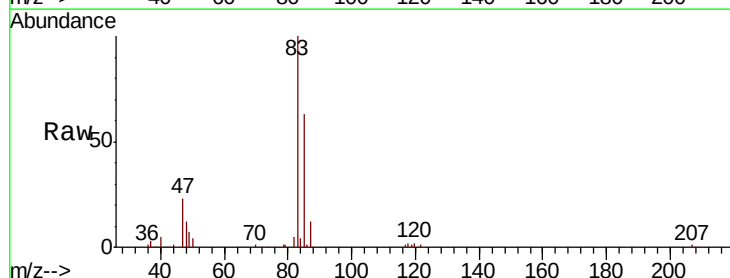
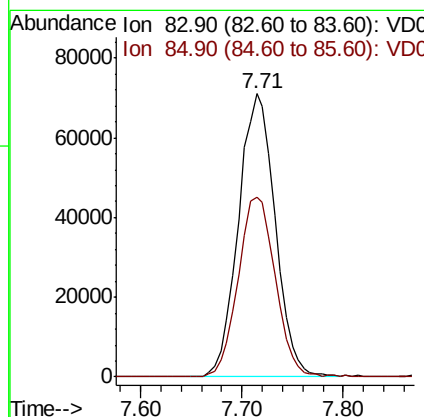
RT: 7.71 min Scan# 985

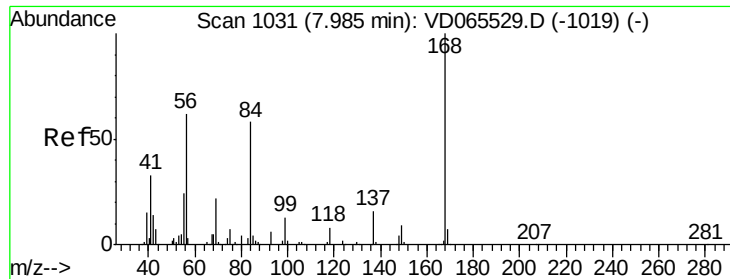
Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 178708 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.4  | 52.9  | 79.3   |





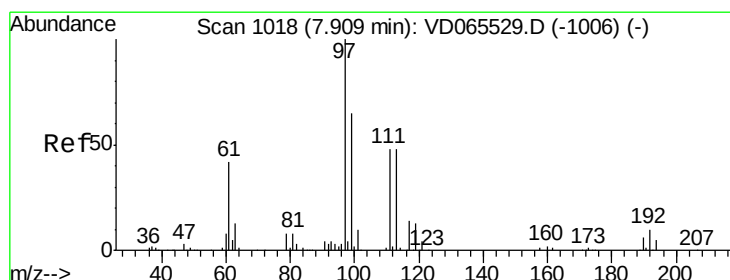
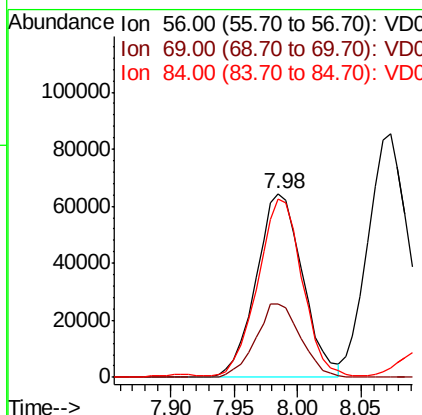
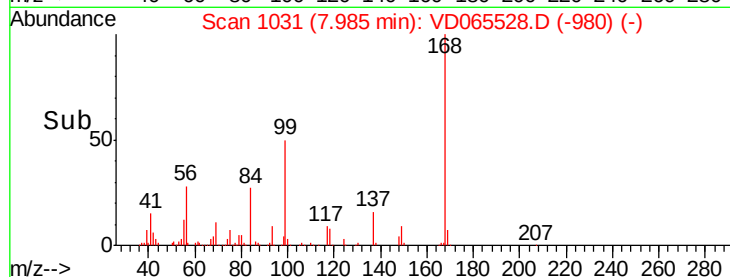
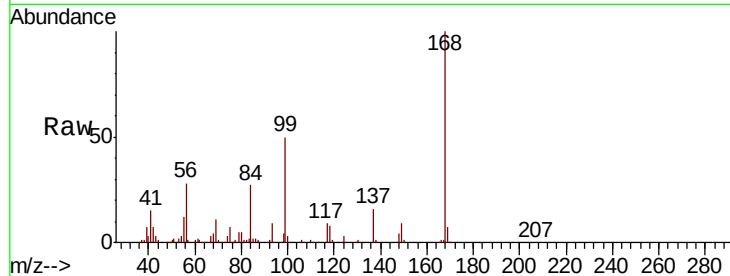
#31  
Cyclohexane  
Concen: 18.953 ug/l  
RT: 7.98 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 69      | 39.9 | 28.2  | 42.4  |       |
| 84      | 95.8 | 73.4  | 110.0 |       |

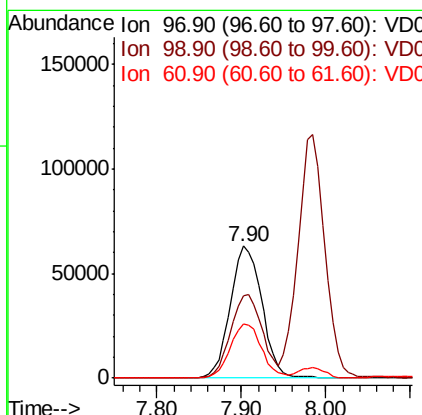
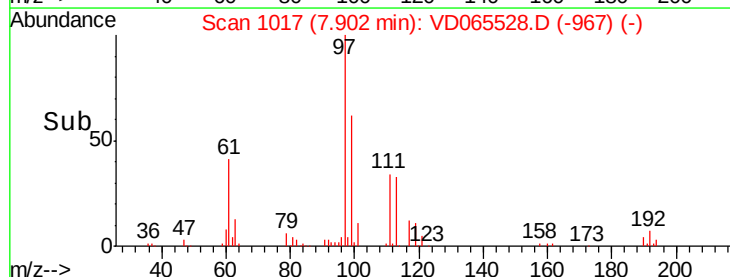
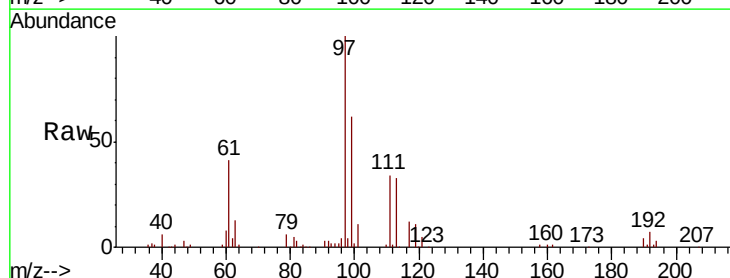
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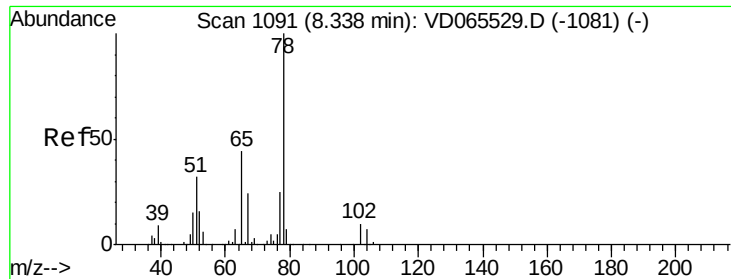
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#32  
1,1,1-Trichloroethane  
Concen: 20.357 ug/l  
RT: 7.90 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 97      | 100  |       |       |       |
| 99      | 63.4 | 51.2  | 76.8  |       |
| 61      | 41.1 | 33.4  | 50.2  |       |





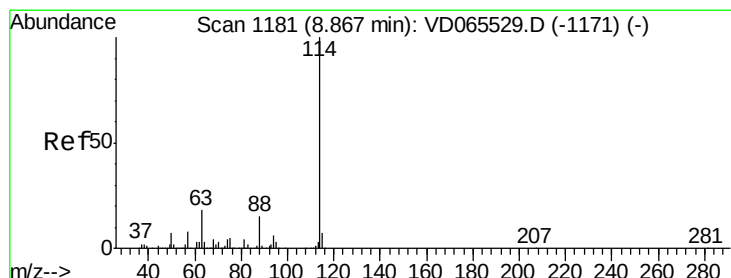
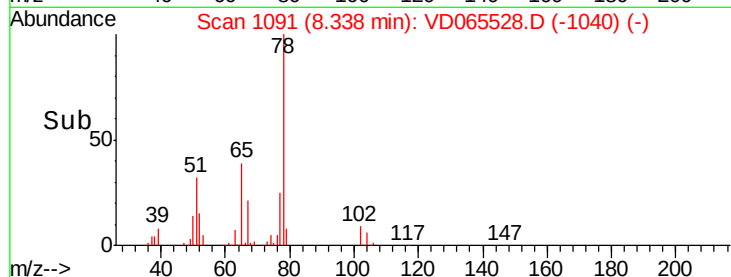
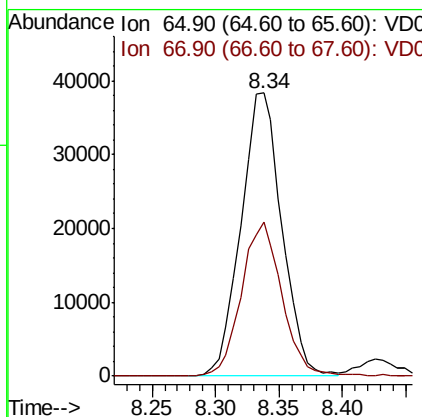
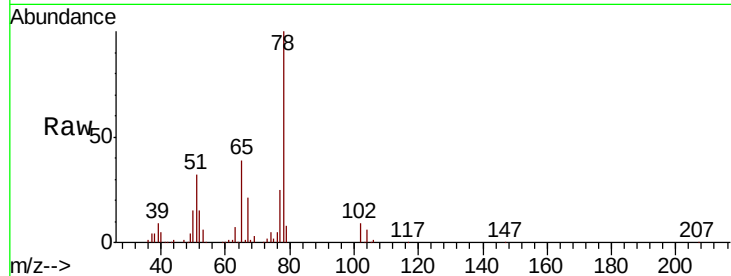
#33  
 1,2-Dichloroethane-d4  
 Concen: 19.553 ug/l  
 RT: 8.34 min Scan# 1091  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.6  | 0.0   | 107.6 |

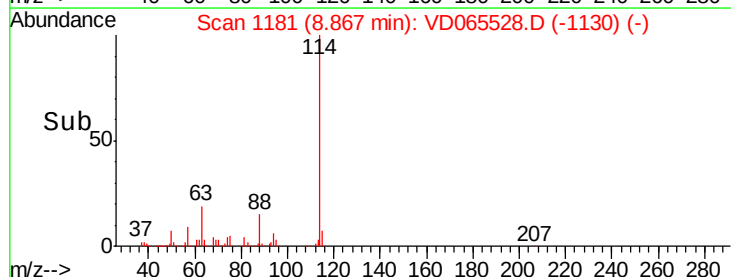
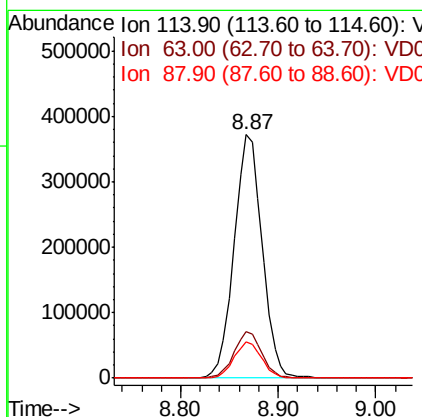
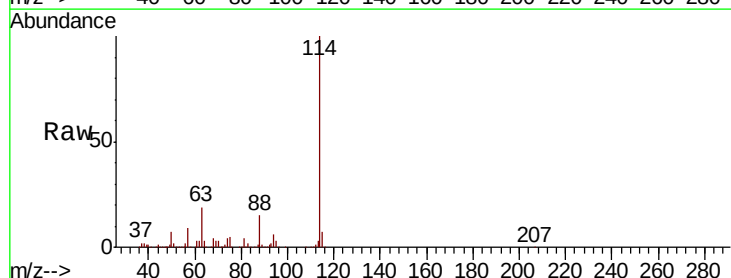
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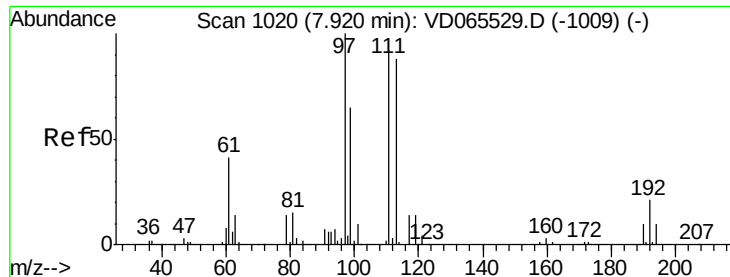
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.3  | 0.0   | 37.0  |
| 88      | 14.7  | 0.0   | 30.4  |





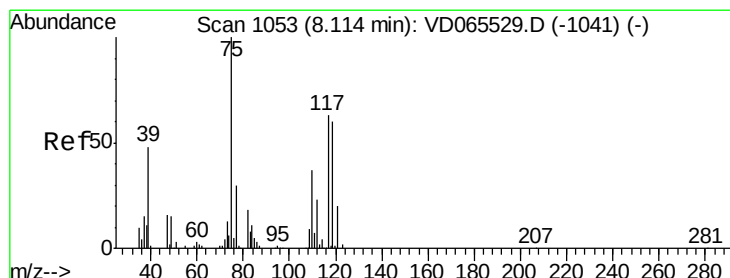
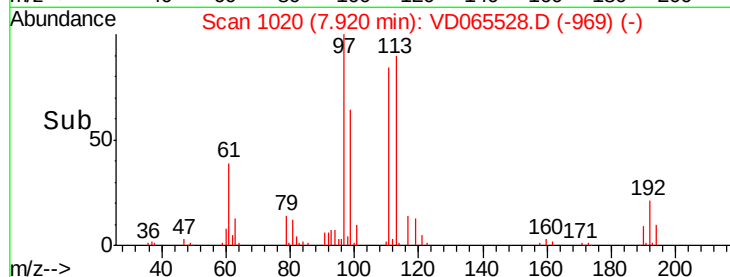
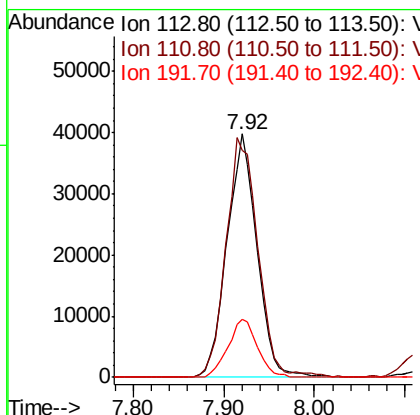
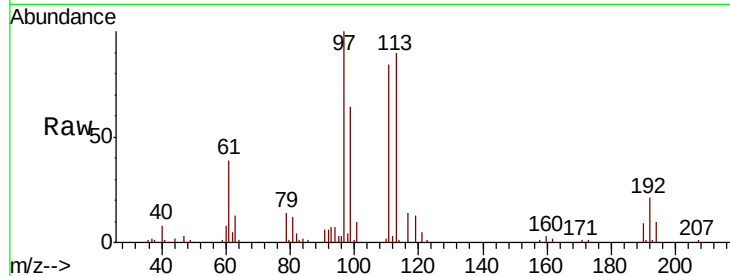
#35  
 Dibromofluoromethane  
 Concen: 20.024 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC020

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 91375 |       |       |
| 111     | 104.9 | 83.3  | 124.9 |       |
| 192     | 23.4  | 18.5  | 27.7  |       |

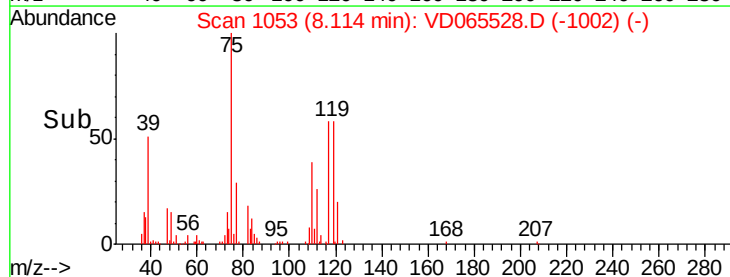
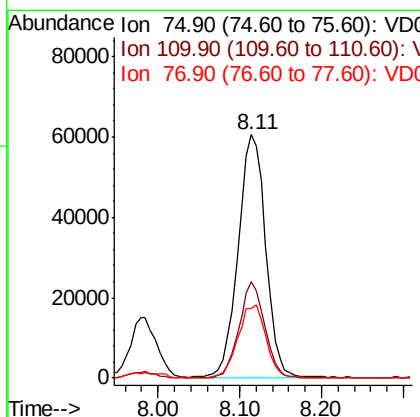
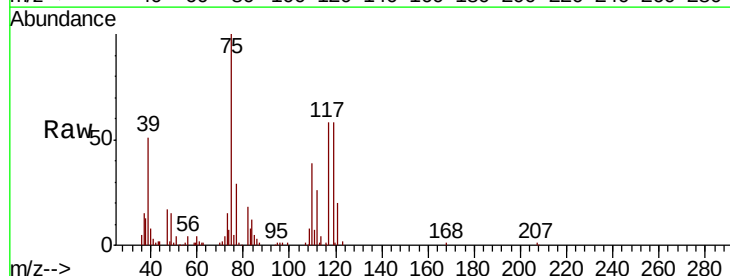
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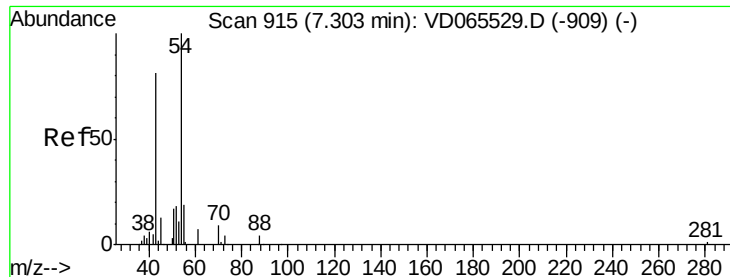
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#36  
 1,1-Dichloropropene  
 Concen: 20.398 ug/l  
 RT: 8.11 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 142939 |       |       |
| 110     | 36.6  | 18.8   | 56.4  |       |
| 77      | 30.6  | 25.1   | 37.7  |       |





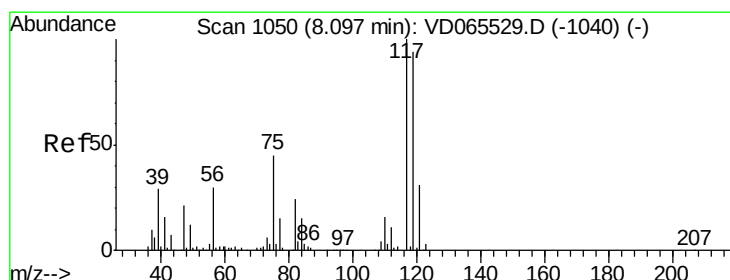
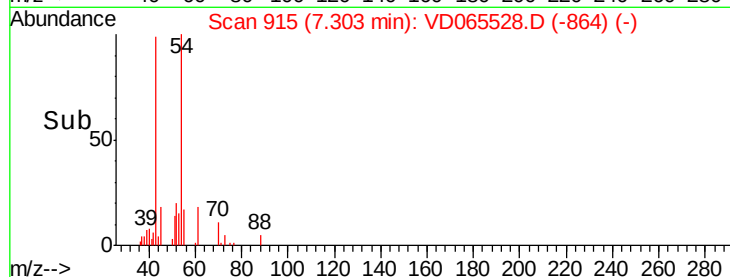
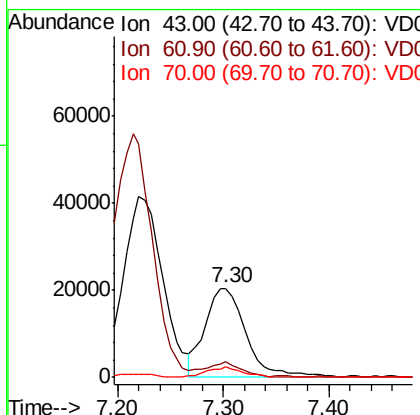
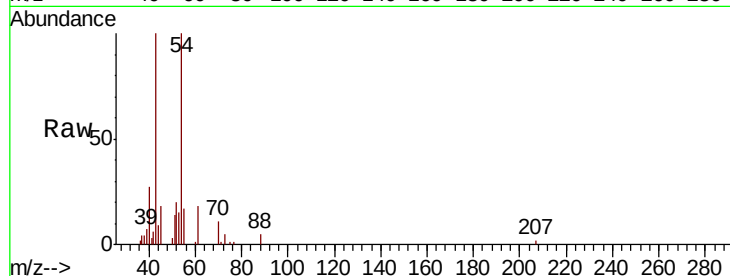
#37  
Ethyl Acetate  
Concen: 20.315 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 11.6  | 12.2  | 18.4# |
| 70      | 10.4  | 8.4   | 12.6  |

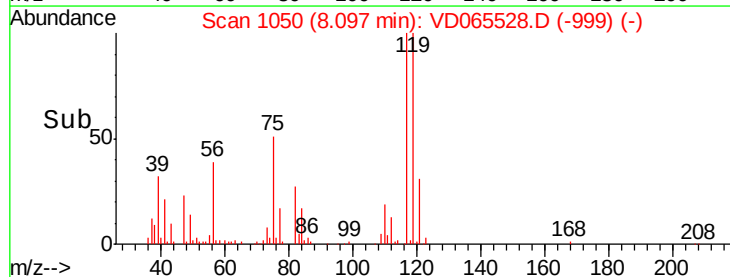
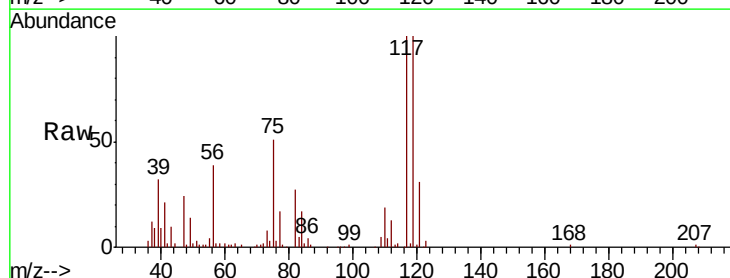
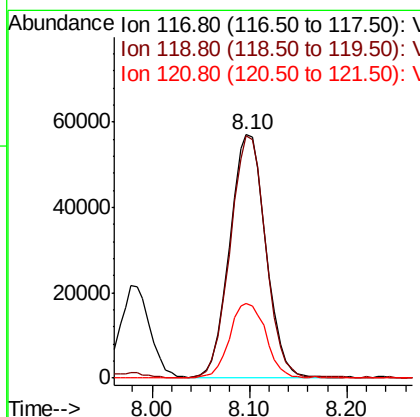
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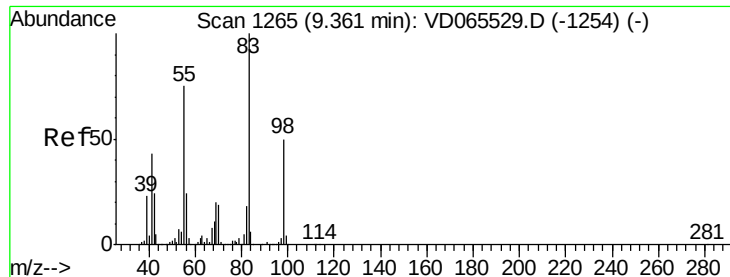


#38  
Carbon Tetrachloride  
Concen: 20.184 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.2  | 75.2  | 112.8 |
| 121     | 30.7  | 24.5  | 36.7  |







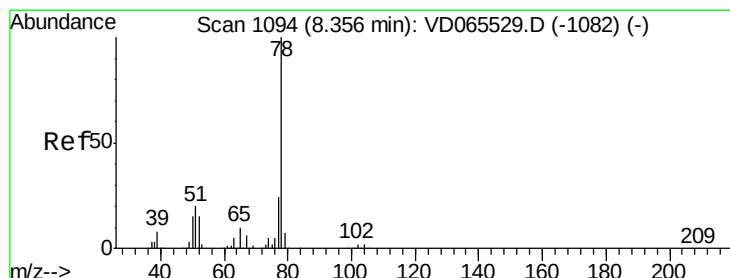
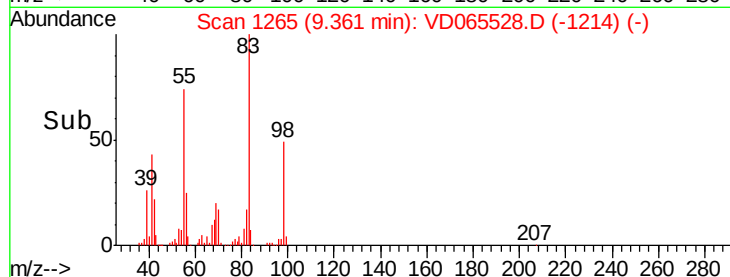
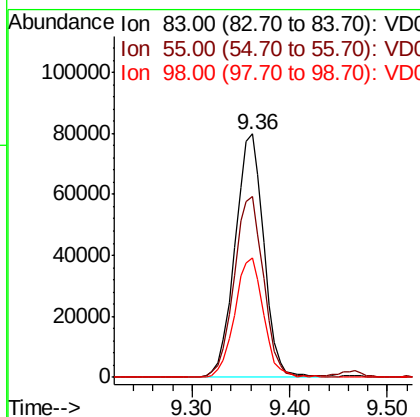
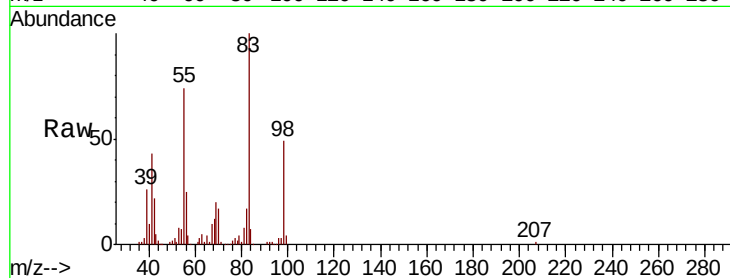
#39  
Methylvlcyclohexane  
Concen: 19.452 ug/l  
RT: 9.36 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion   | 83    | Resp  | 163912 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 74.1  | 59.7  | 89.5   |
| 98        | 49.2  | 40.2  | 60.2   |

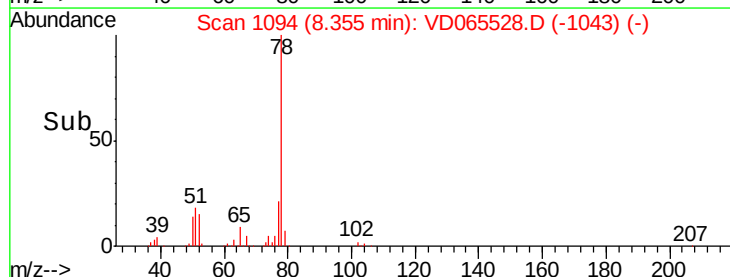
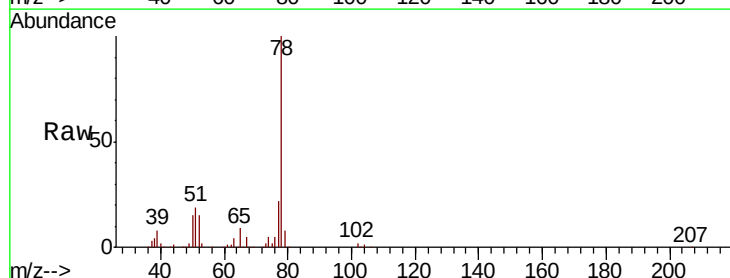
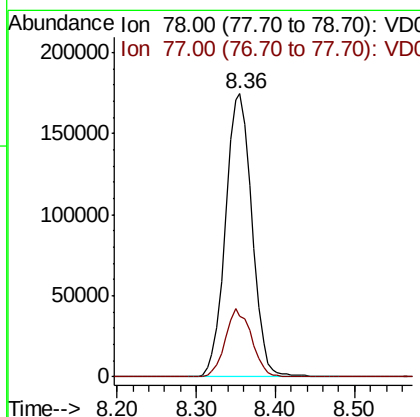
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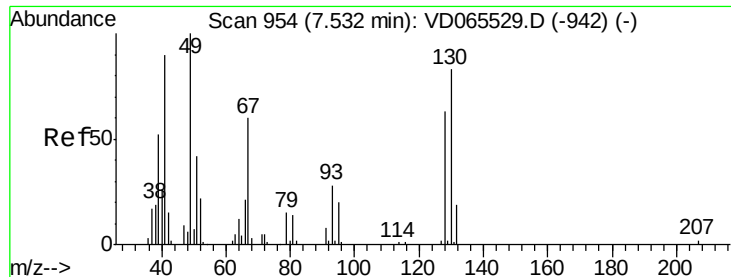
apatel  
3/27/2020 10:12:18 AM



#40  
Benzene  
Concen: 20.547 ug/l  
RT: 8.36 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion   | 78    | Resp  | 403368 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 21.5  | 19.1  | 28.7   |





#41

Methacrylonitrile

Concen: 21.902 ug/l

RT: 7.54 min Scan# 955

Delta R.T. 0.01 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 32324  
Ion Ratio Lower Upper

41 100

39 39.8 42.9 64.3#

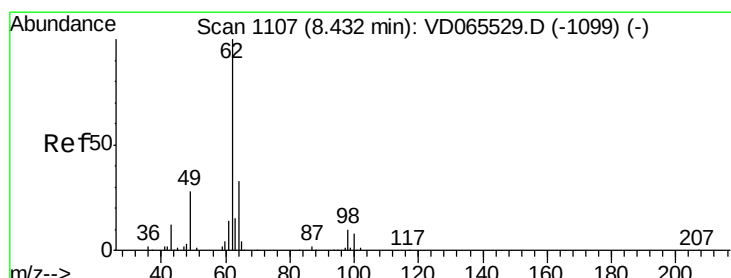
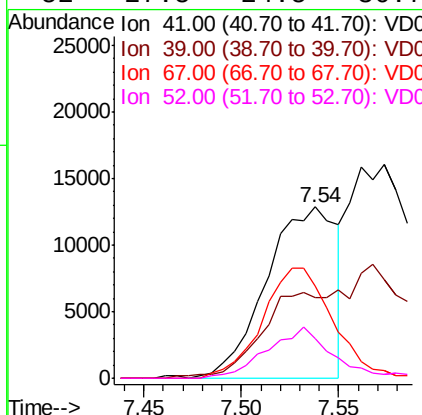
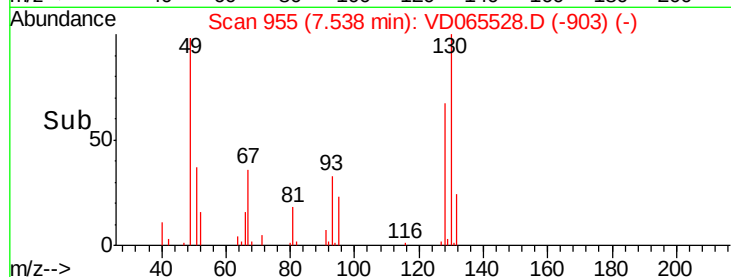
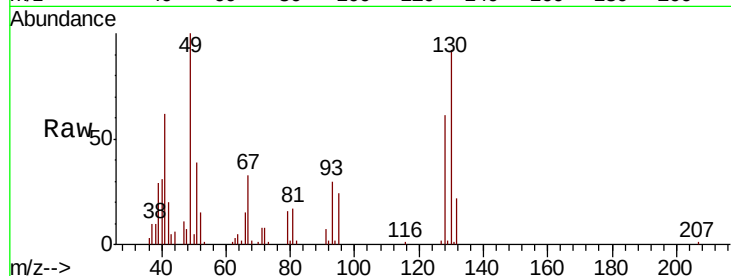
67 64.2 60.5 90.7

52 27.5 24.5 36.7

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#42

1,2-Dichloroethane

Concen: 20.883 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

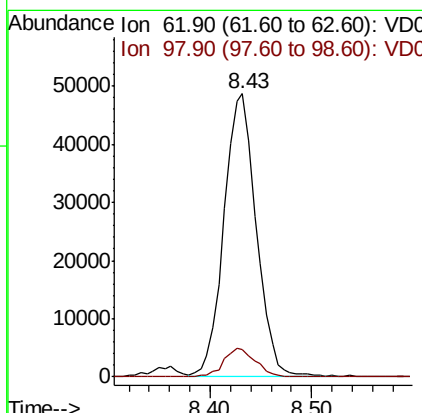
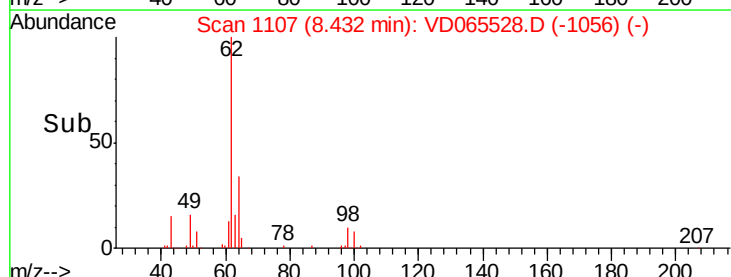
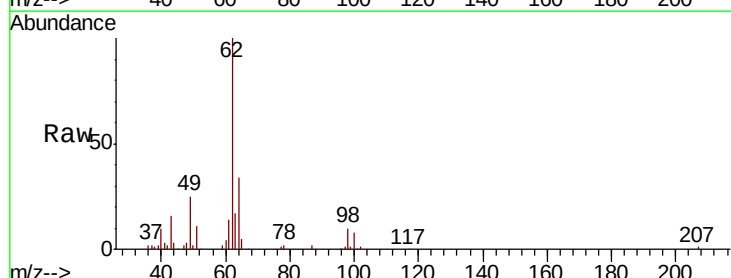
Lab File: VD065528.D

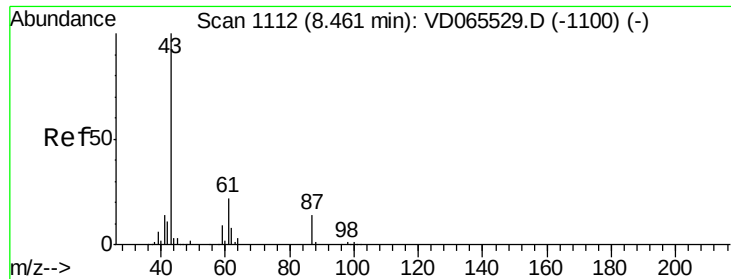
Acq: 26 Mar 2020 16:34

Tgt Ion: 62 Resp: 107747  
Ion Ratio Lower Upper

62 100

98 9.9 0.0 21.8





#43

Isopropyl Acetate

Concen: 18.968 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

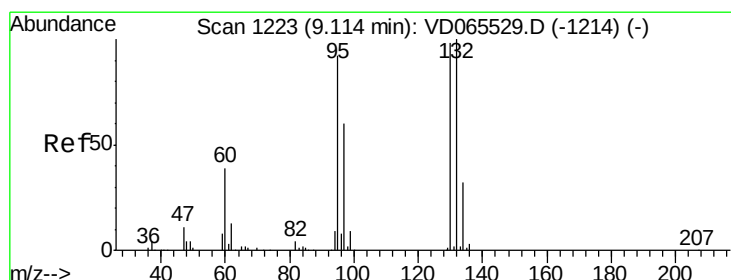
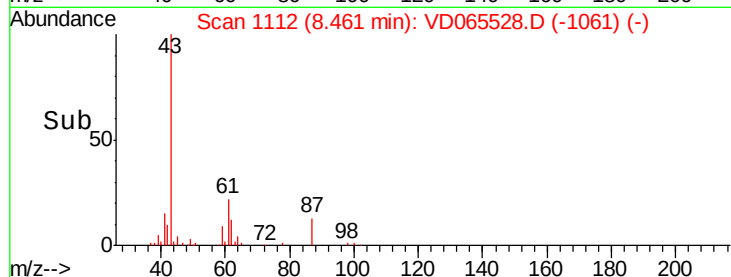
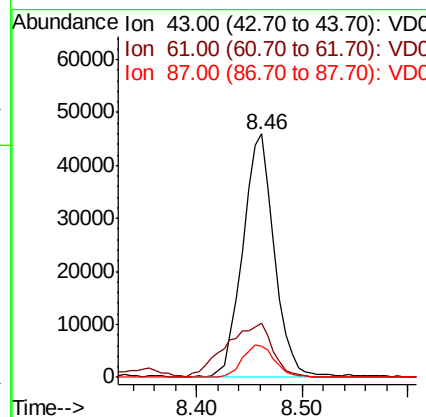
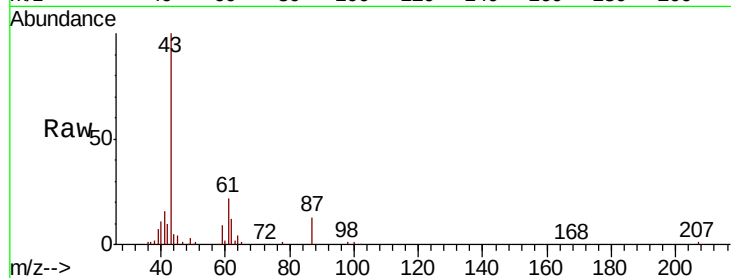
ClientSampleId :

VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 95168 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 32.7  | 25.0  | 37.4  |
| 87       | 13.5  | 11.0  | 16.4  |

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#44

Trichloroethene

Concen: 20.628 ug/l

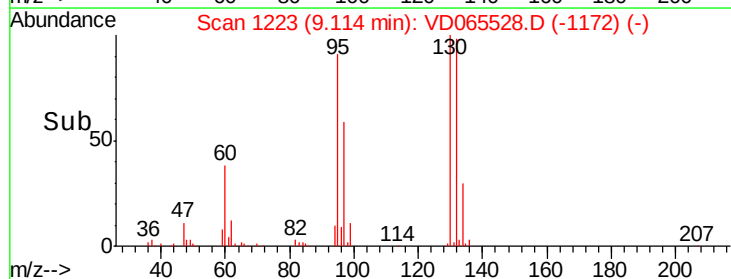
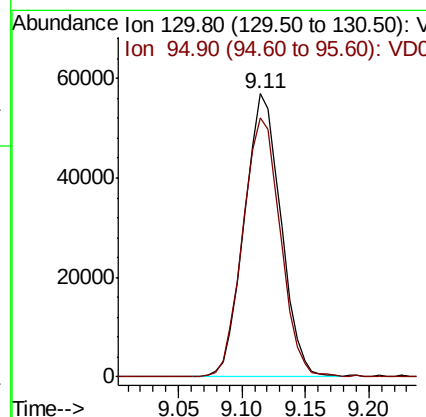
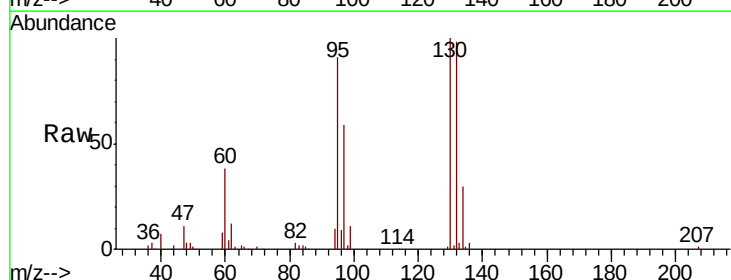
RT: 9.11 min Scan# 1223

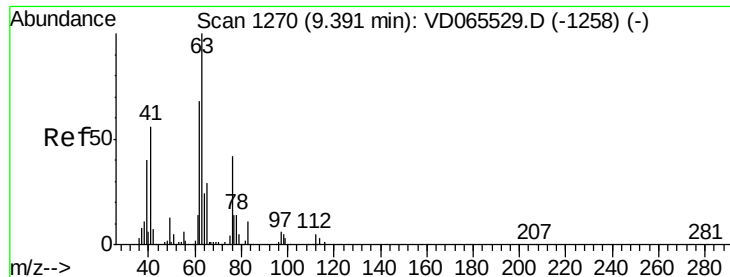
Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 114655 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 91.3  | 0.0   | 187.0  |





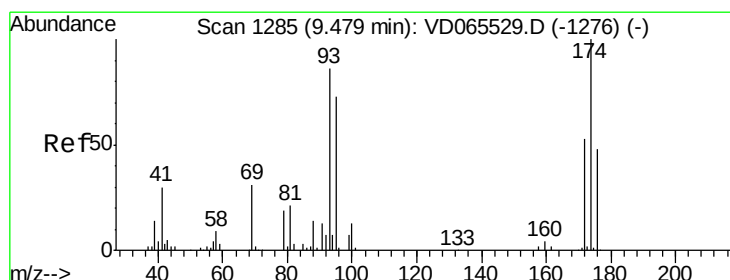
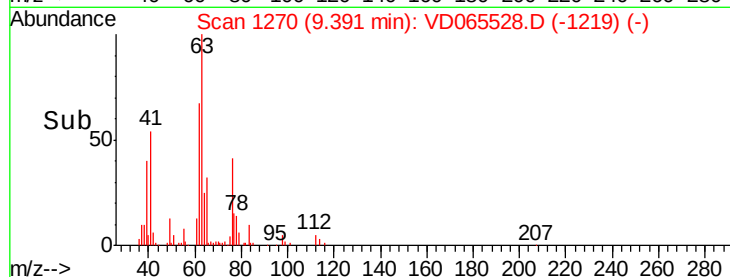
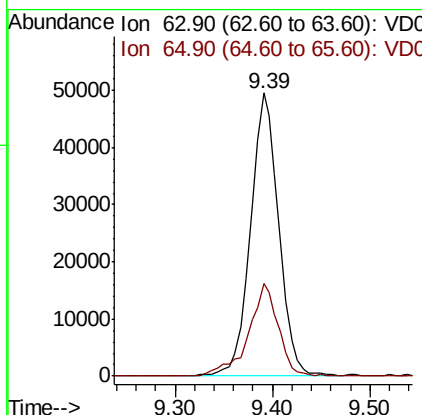
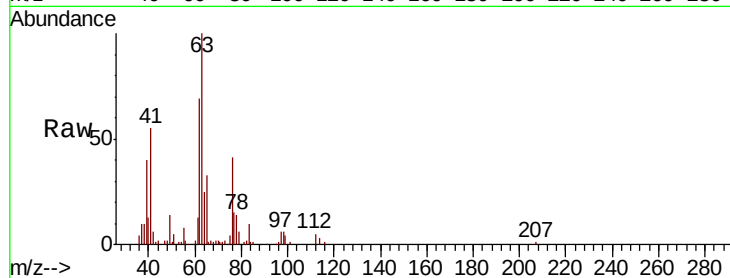
#45  
 1,2-Dichloropropane  
 Concen: 21.054 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

Tot Ion: 63 Resp: 100307  
 Ion Ratio Lower Upper  
 63 100  
 65 32.5 23.5 35.3

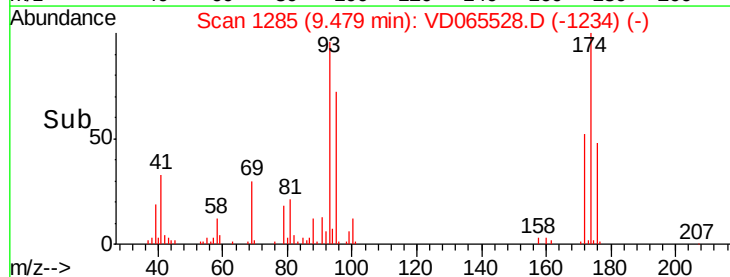
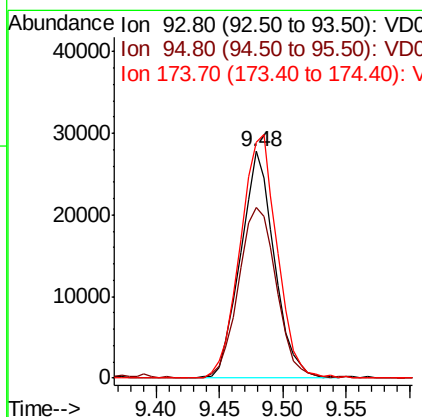
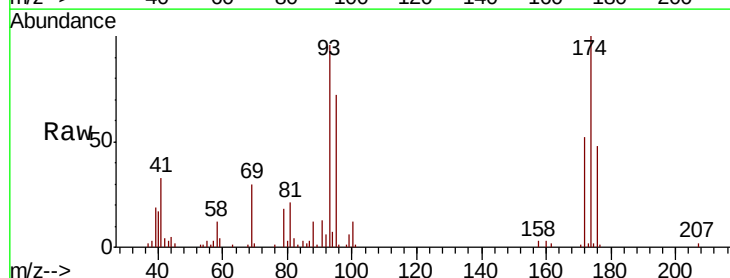
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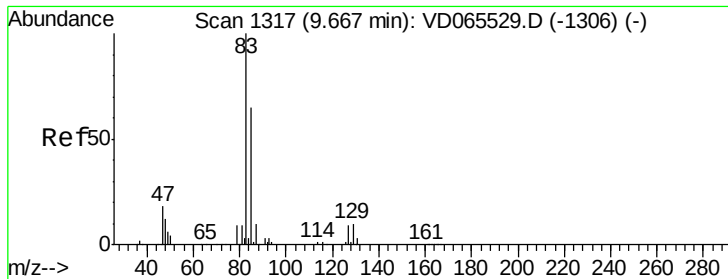
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#46  
 Dibromomethane  
 Concen: 20.903 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Tgt Ion: 93 Resp: 51733  
 Ion Ratio Lower Upper  
 93 100  
 95 83.6 67.3 100.9  
 174 116.4 92.5 138.7





#47

Bromodichloromethane

Concen: 21.399 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

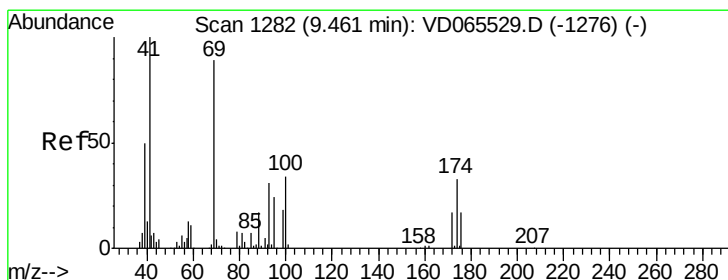
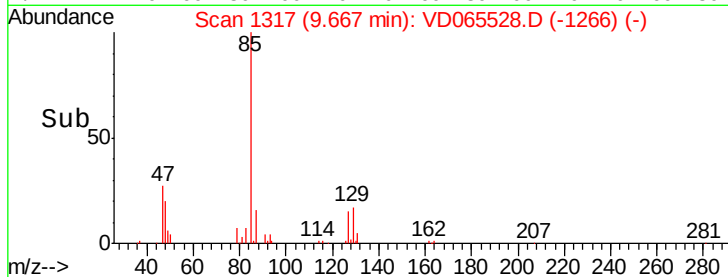
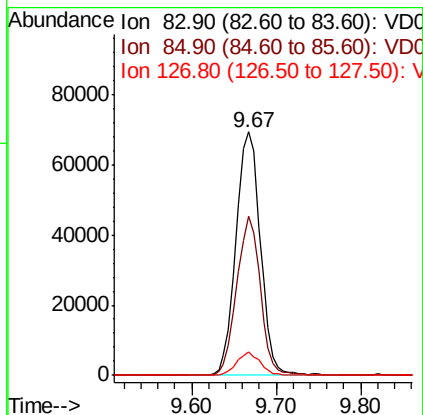
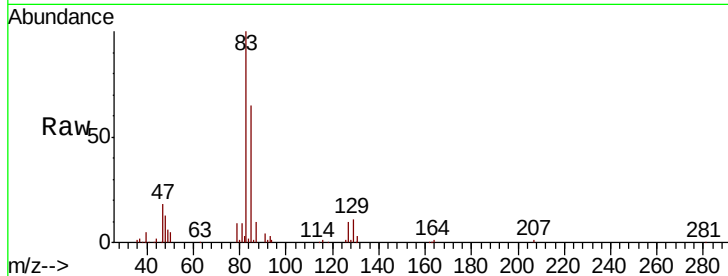
ClientSampleId :

VSTDIC020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 137826 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.3  | 52.2  | 78.2   |
| 127      | 9.6   | 7.1   | 10.7   |

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#48

Methyl methacrylate

Concen: 20.919 ug/l

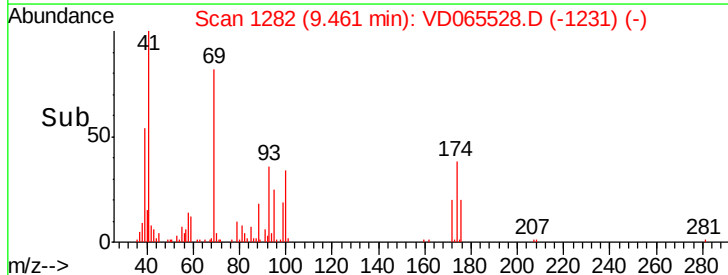
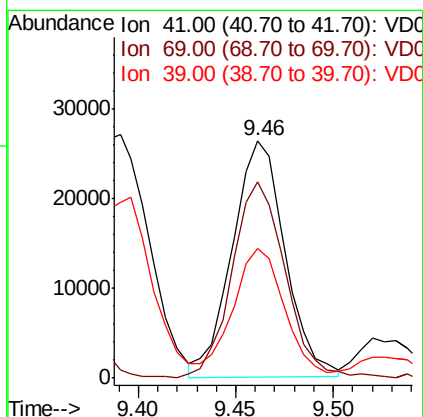
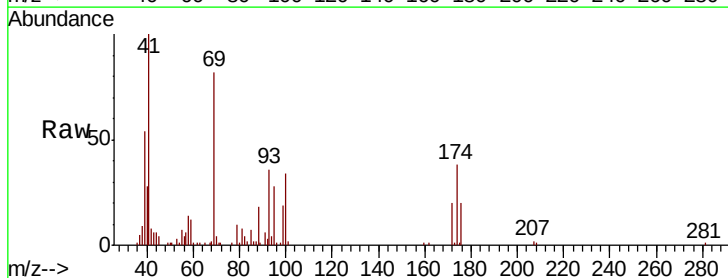
RT: 9.46 min Scan# 1282

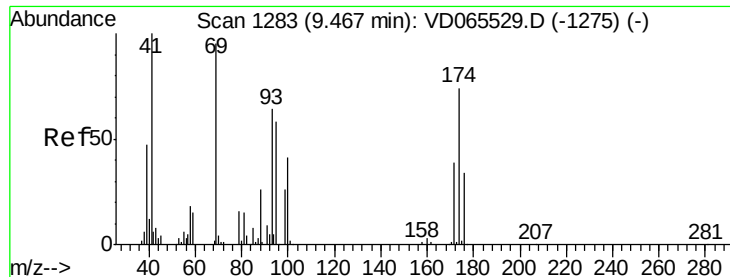
Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 49555 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 83.6  | 71.8  | 107.6 |
| 39       | 54.6  | 42.2  | 63.4  |





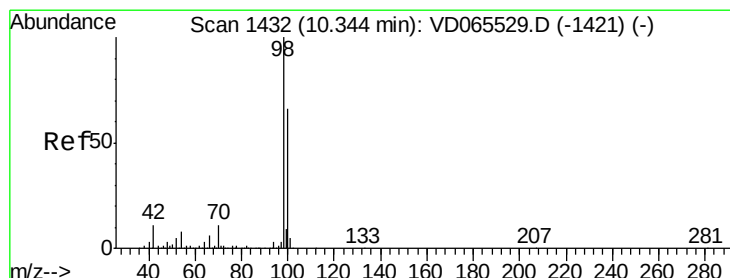
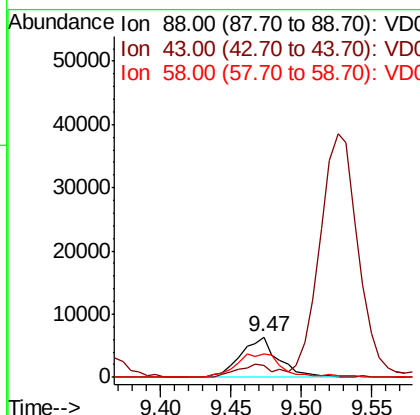
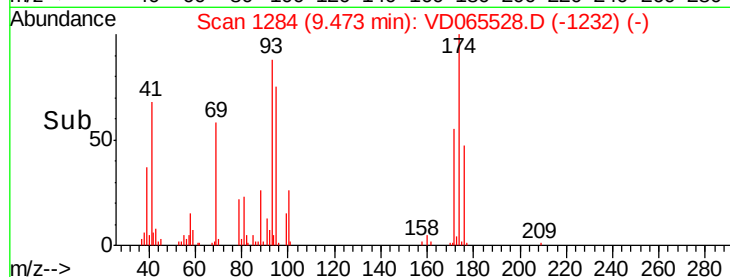
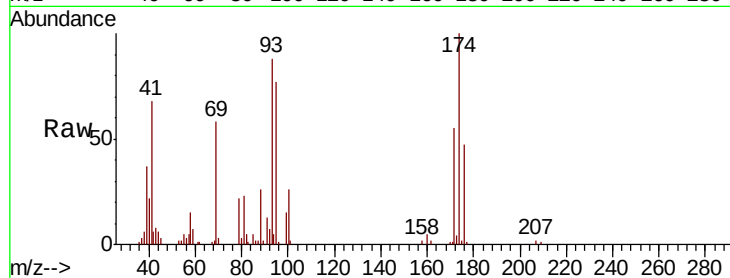
#49  
1,4-Dioxane  
Concen: 413.725 ug/l  
RT: 9.47 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | 88    | Resp  | 11789 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 33.5  | 26.0  | 39.0  |
| 58      | 69.8  | 54.6  | 82.0  |

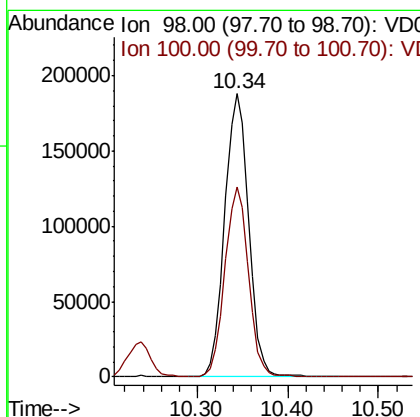
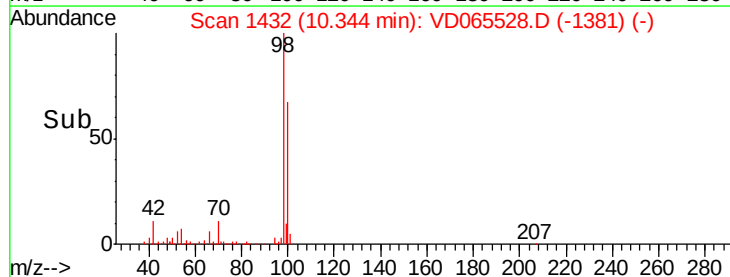
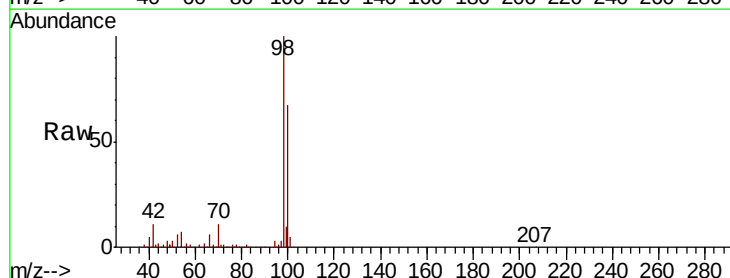
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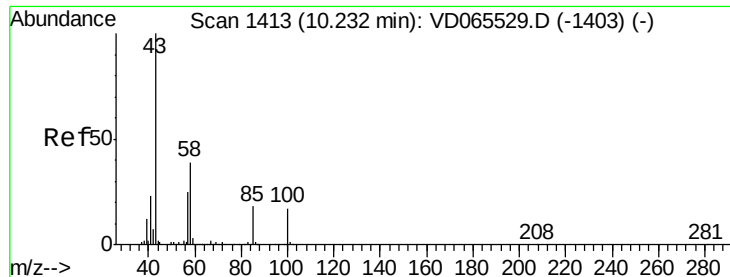
apatel  
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#50  
Toluene-d8  
Concen: 19.808 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | 98    | Resp  | 345738 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.2  | 52.2  | 78.2   |





#51

4-Methyl-2-Pentanone

Concen: 98.008 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 248276

Ion Ratio Lower Upper

43 100

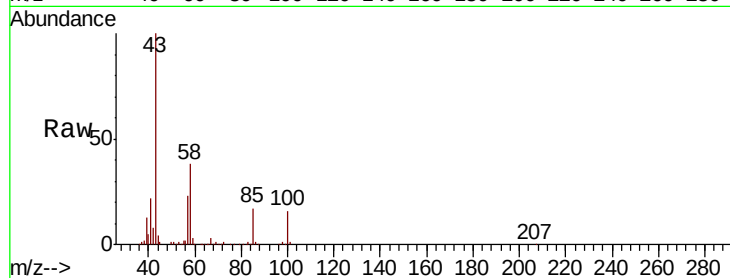
58 38.4 31.4 47.2

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

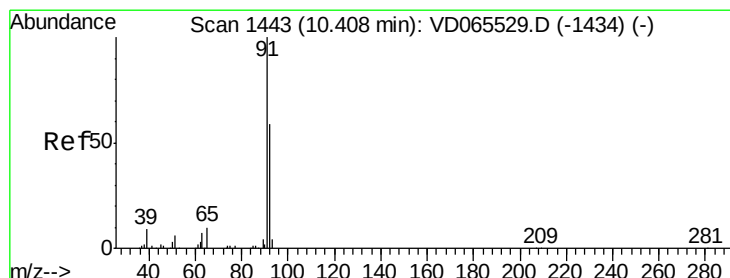
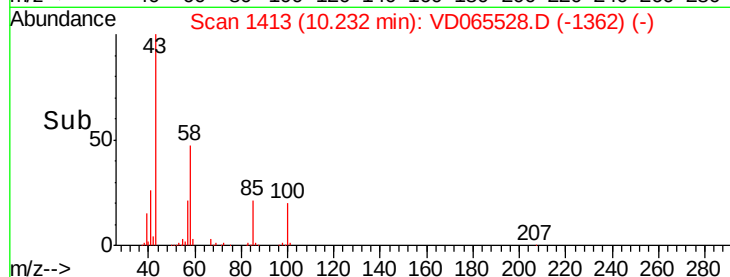
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.703 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065528.D

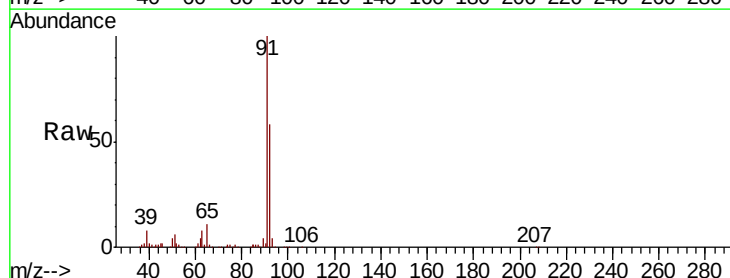
Acq: 26 Mar 2020 16:34

Tgt Ion: 92 Resp: 256509

Ion Ratio Lower Upper

92 100

91 172.4 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.41

250000

200000

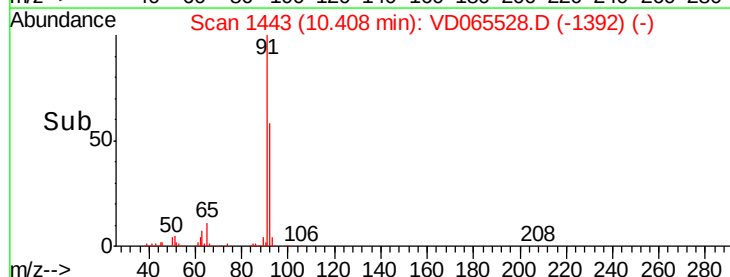
150000

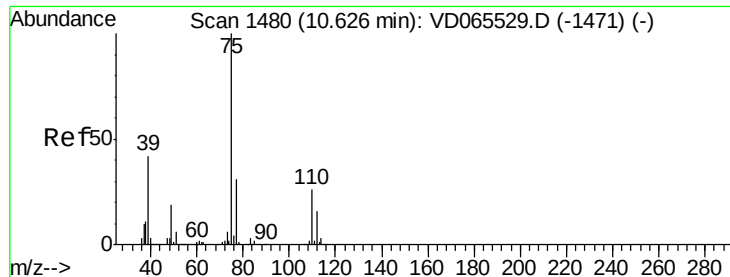
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.357 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 122652

Ion Ratio Lower Upper

75 100

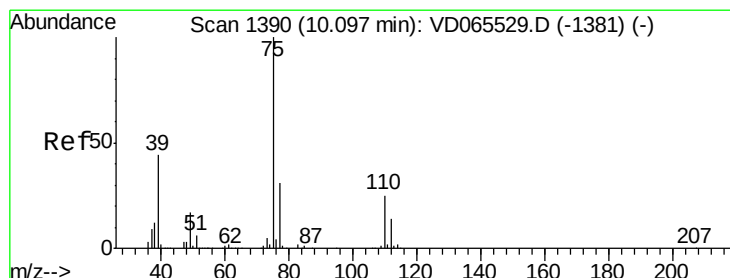
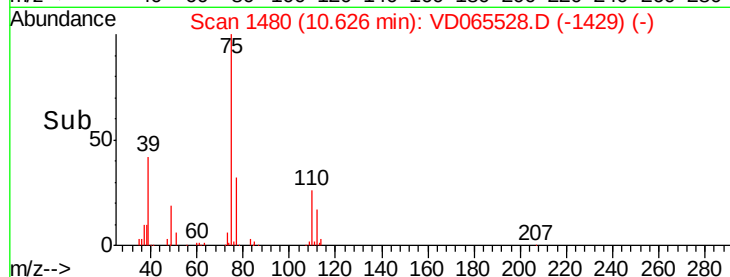
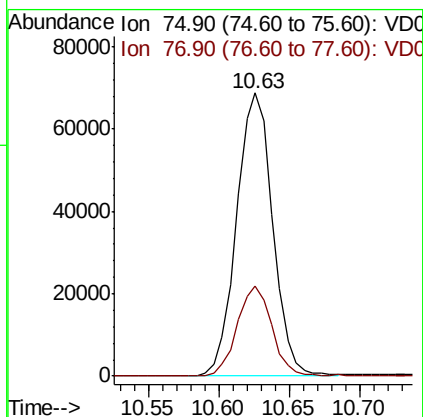
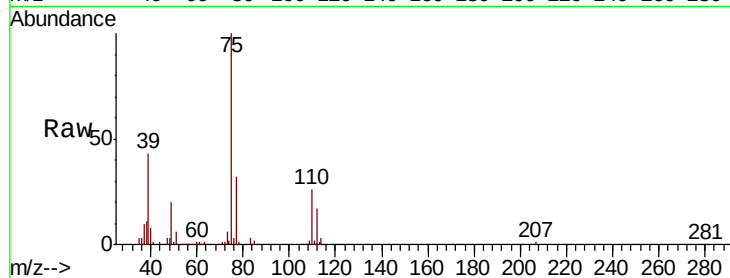
77 32.0 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 20.739 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.01 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

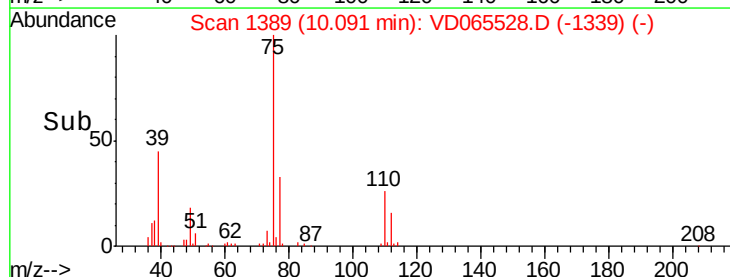
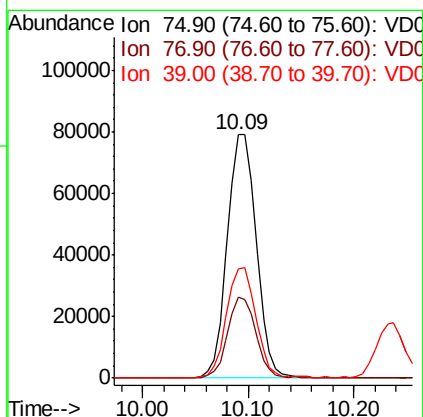
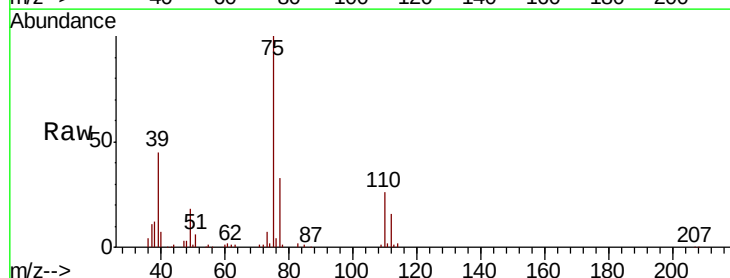
Tgt Ion: 75 Resp: 151107

Ion Ratio Lower Upper

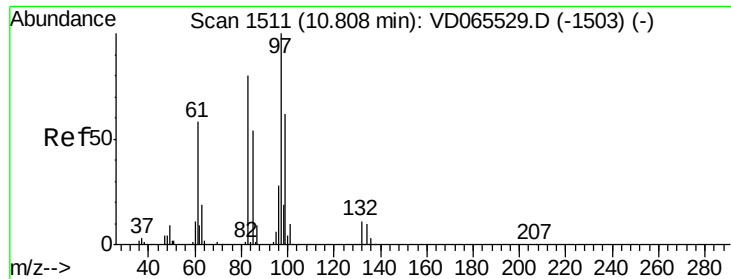
75 100

77 33.2 24.6 36.8

39 44.4 35.4 53.2







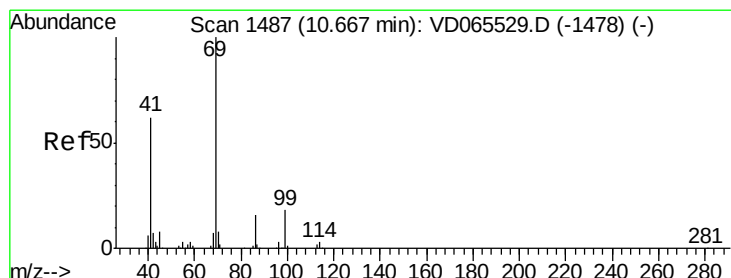
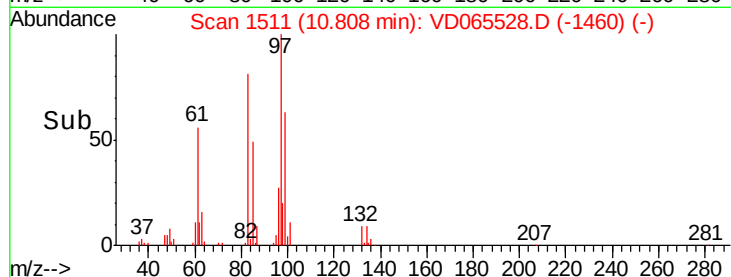
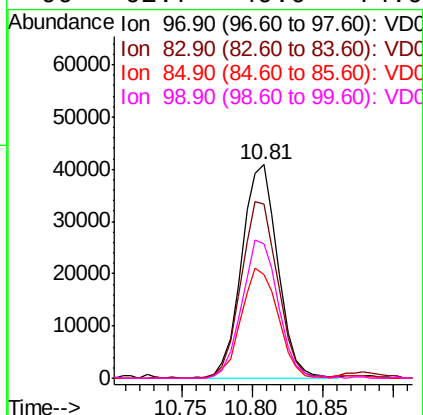
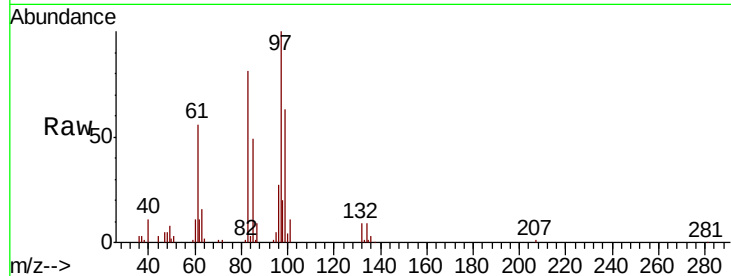
#55  
 1,1,2-Trichloroethane  
 Concen: 20.867 ug/l  
 RT: 10.81 min Scan# 1511  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 73553 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.4  | 63.8  | 95.6  |
| 85       | 48.7  | 42.9  | 64.3  |
| 99       | 62.7  | 49.9  | 74.9  |

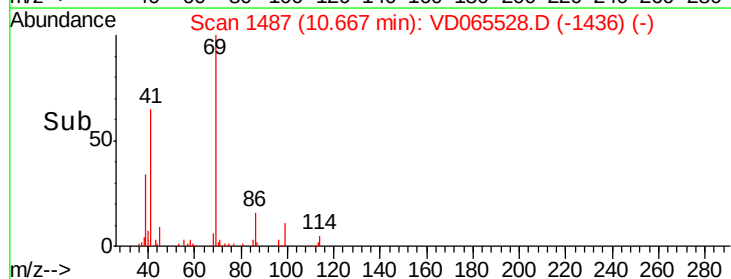
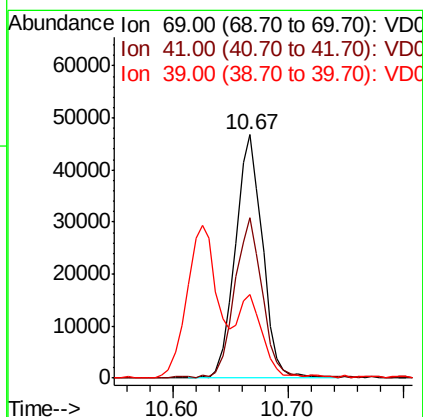
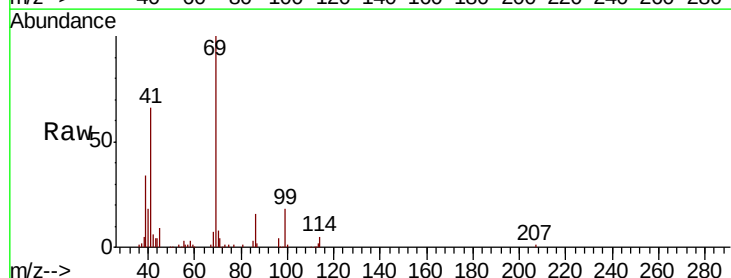
Manual Integrations  
 APPROVED

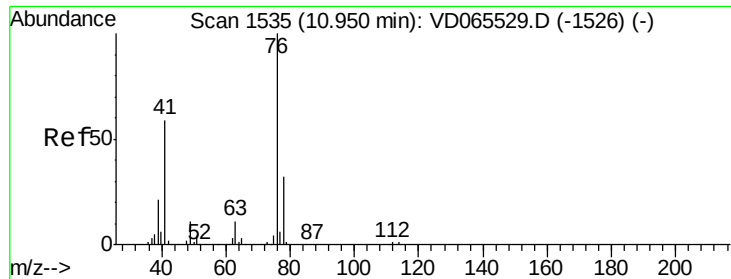
apatel  
 3/27/2020 10:12:18 AM



#56  
 Ethyl methacrylate  
 Concen: 19.108 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 75831 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 68.6  | 51.3  | 76.9  |
| 39       | 31.2  | 25.3  | 37.9  |





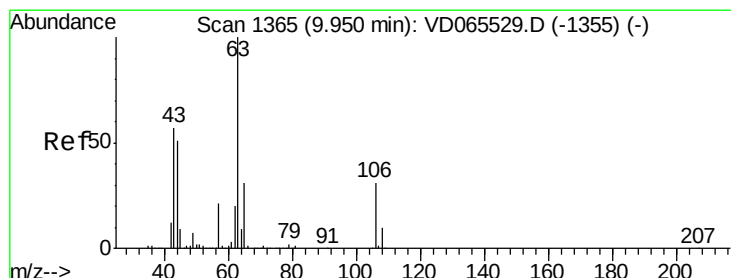
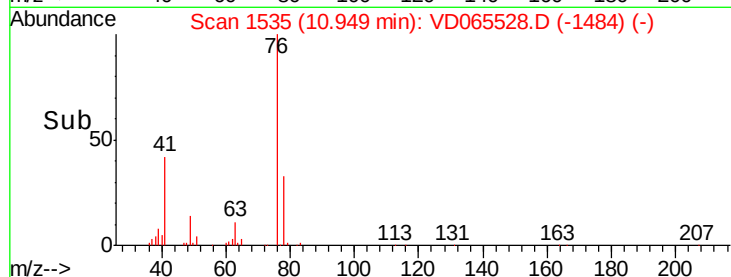
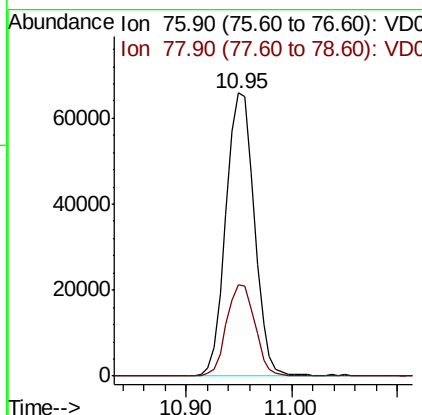
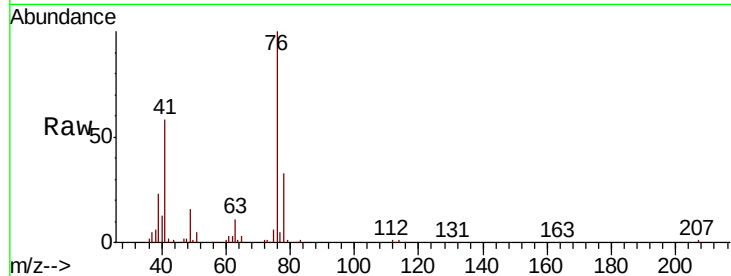
#57  
 1,3-Dichloropropane  
 Concen: 20.633 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.2  | 25.7  | 38.5  |

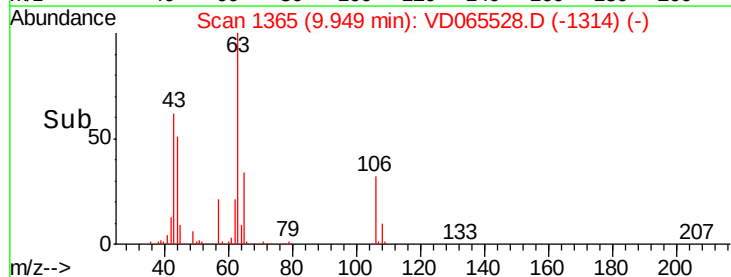
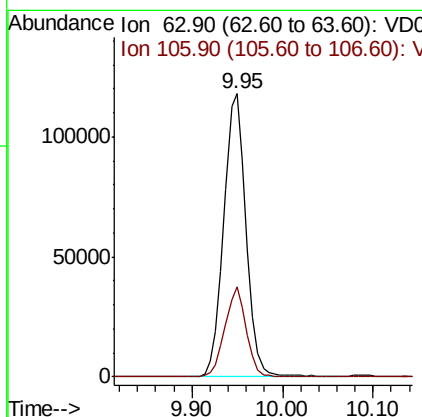
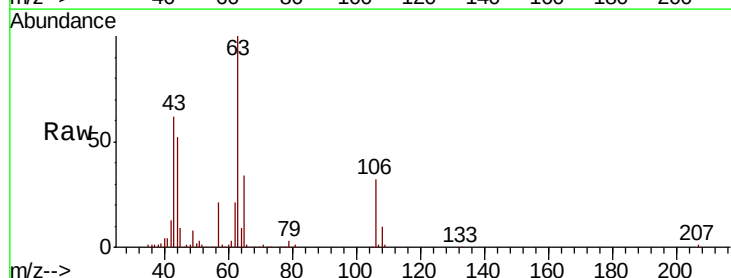
Manual Integrations  
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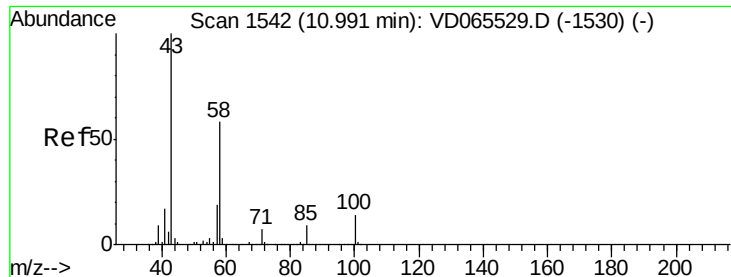
apatel  
 3/27/2020 10:12:18 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 138.601 ug/l  
 RT: 9.95 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.3  | 24.3  | 36.5  |





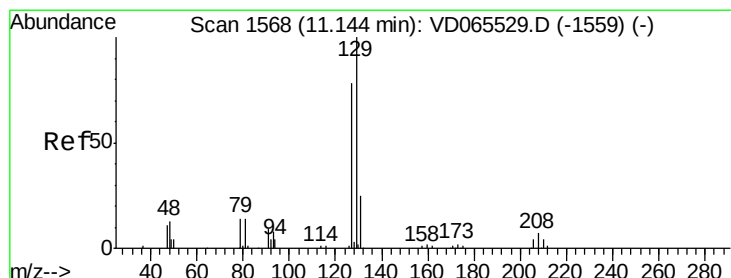
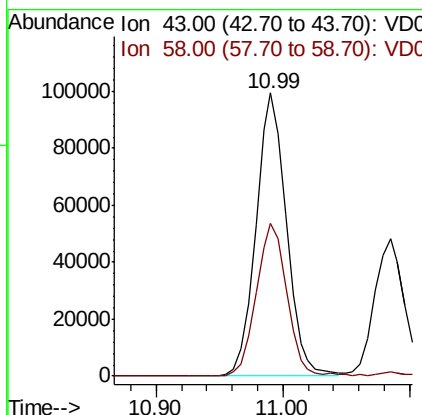
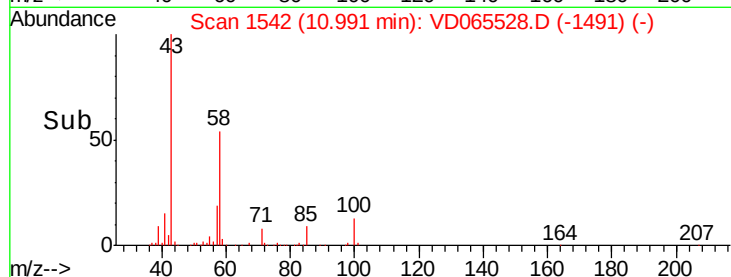
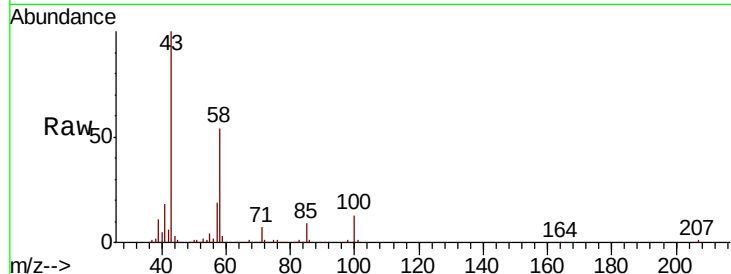
#59  
2-Hexanone  
Concen: 95.280 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampled :  
VSTDIC020

Tot Ion: 43 Resp: 166615  
Ion Ratio Lower Upper  
43 100  
58 54.0 27.9 83.7

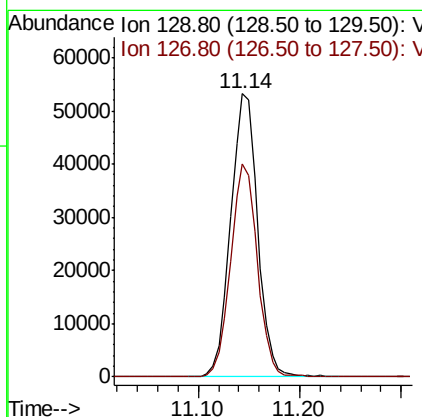
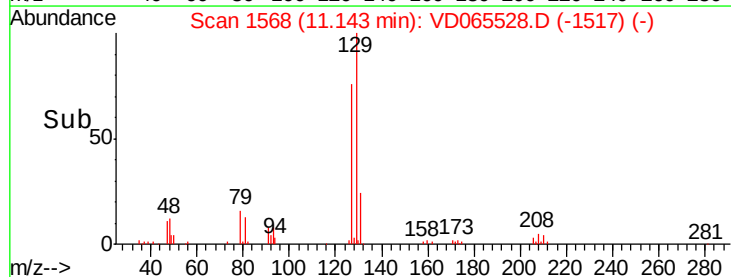
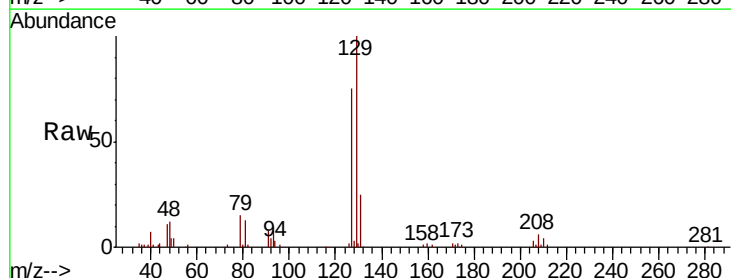
Manual Integrations  
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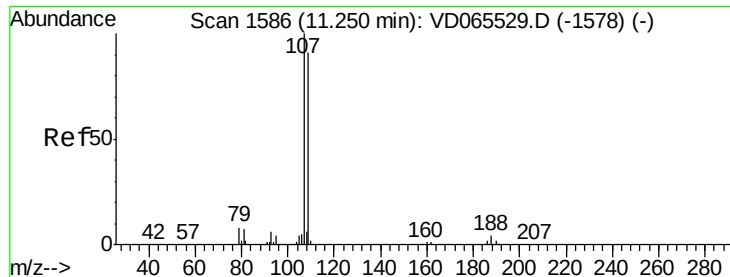
apatel  
3/27/2020 10:12:18 AM



#60  
Dibromochloromethane  
Concen: 21.679 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Tgt Ion: 129 Resp: 98144  
Ion Ratio Lower Upper  
129 100  
127 74.4 38.9 116.6





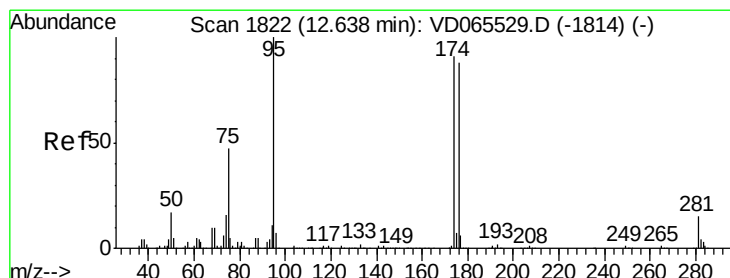
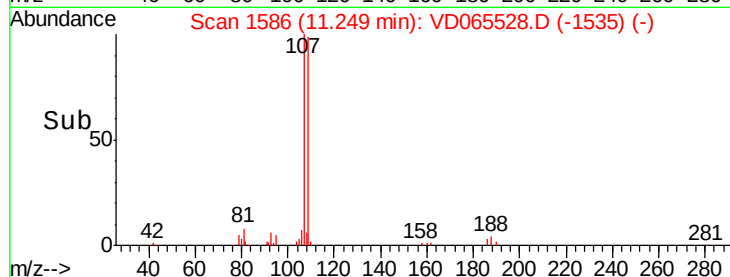
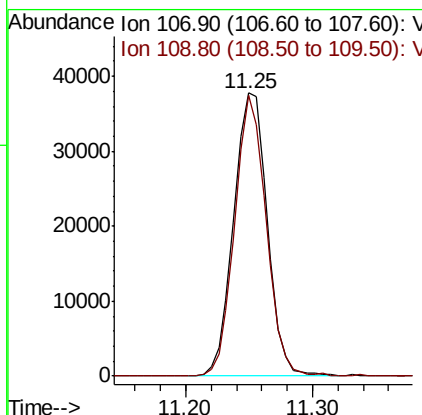
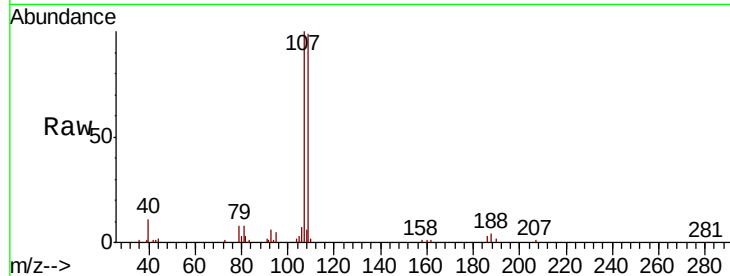
#61  
 1,2-Dibromoethane  
 Concen: 20.555 ug/l  
 RT: 11.25 min Scan# 1586  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.0  | 74.9  | 112.3 |

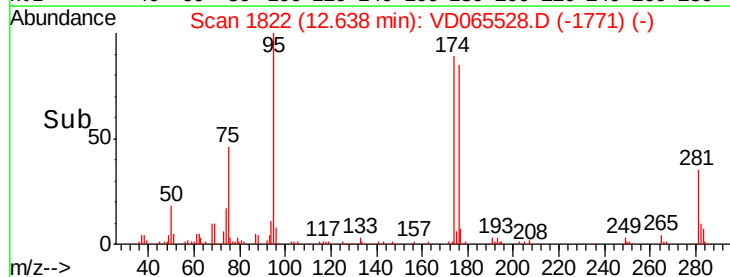
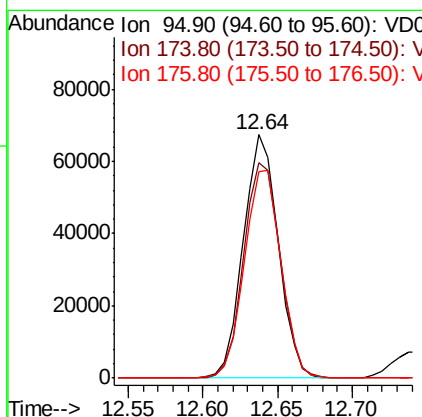
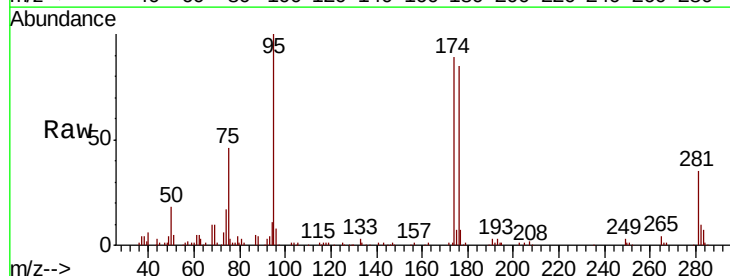
Manual Integrations  
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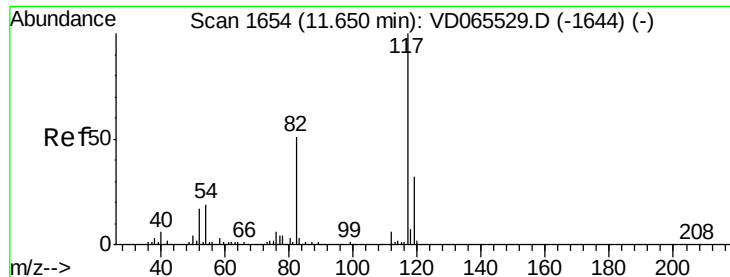
apatel  
 3/27/2020 10:12:18 AM



#62  
 4-Bromofluorobenzene  
 Concen: 20.243 ug/l  
 RT: 12.64 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 92.6  | 0.0   | 183.8 |
| 176     | 89.5  | 0.0   | 178.2 |





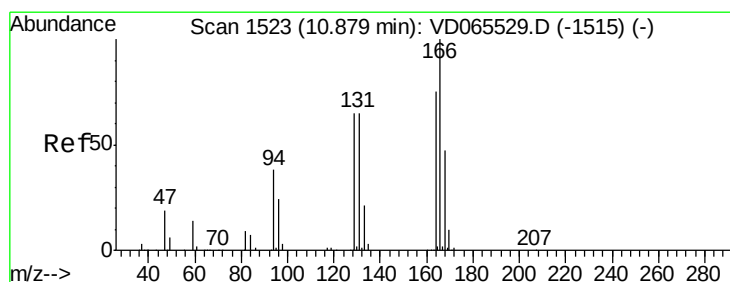
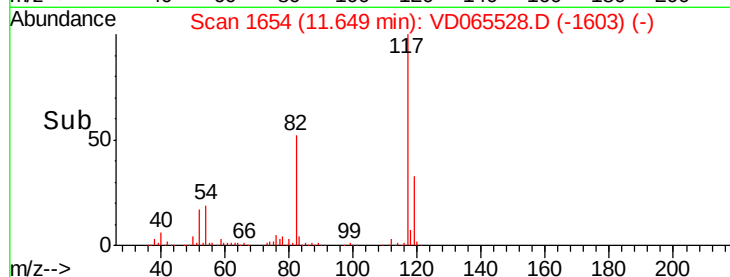
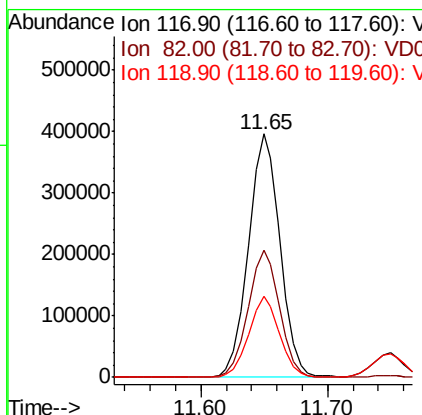
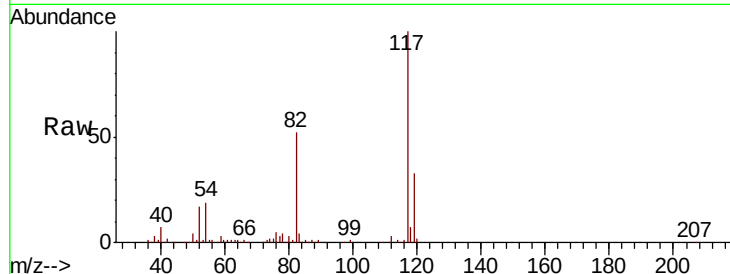
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.3  | 41.0  | 61.6  |
| 119     | 33.4  | 25.5  | 38.3  |

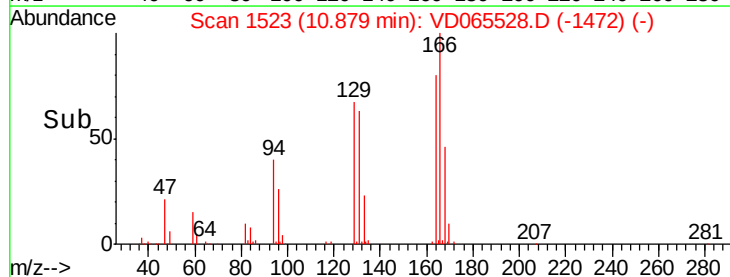
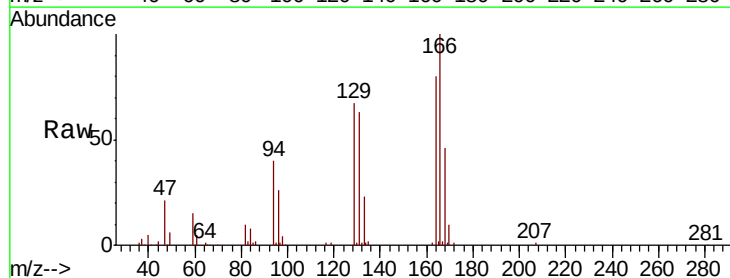
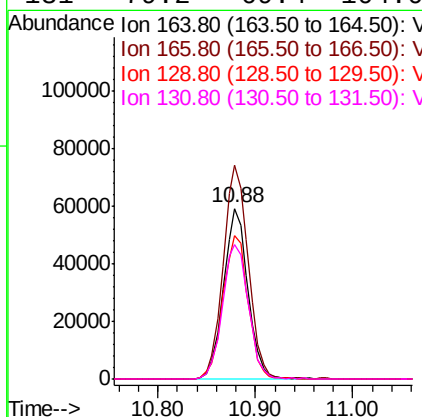
Manual Integrations  
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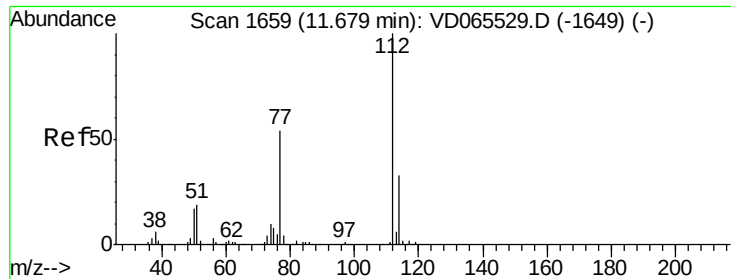
apatel  
3/27/2020 10:12:18 AM



#64  
Tetrachloroethene  
Concen: 20.873 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.4 | 107.1 | 160.7 |
| 129     | 84.0  | 69.2  | 103.8 |
| 131     | 79.2  | 69.4  | 104.0 |





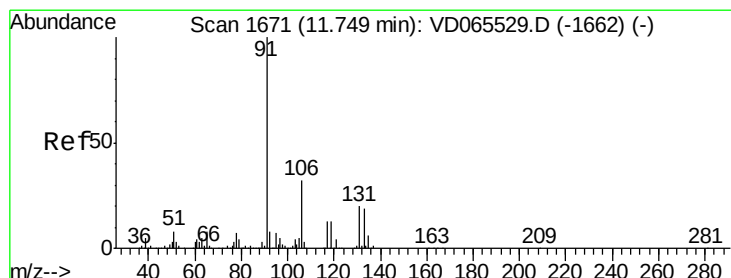
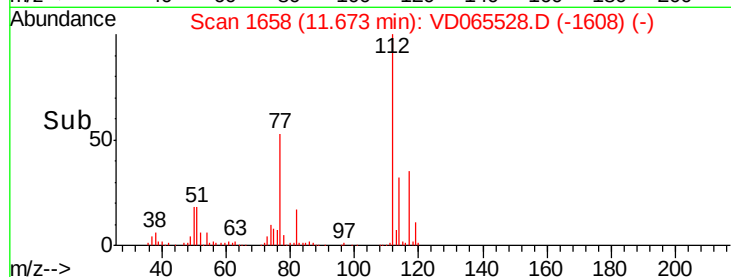
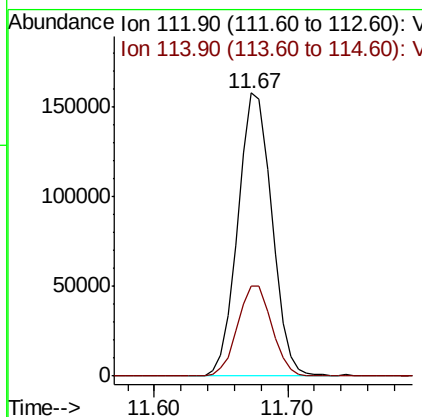
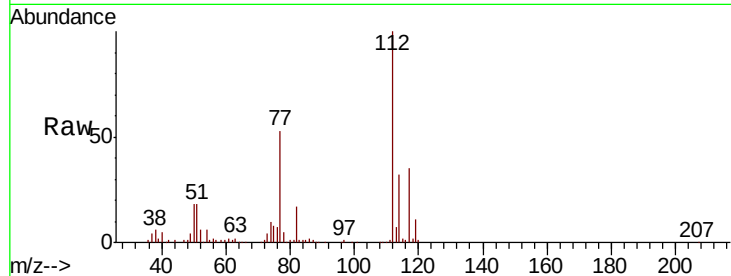
#65  
Chlorobenzene  
Concen: 20.675 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

Tot Ion:112 Resp: 278954  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.0 39.0

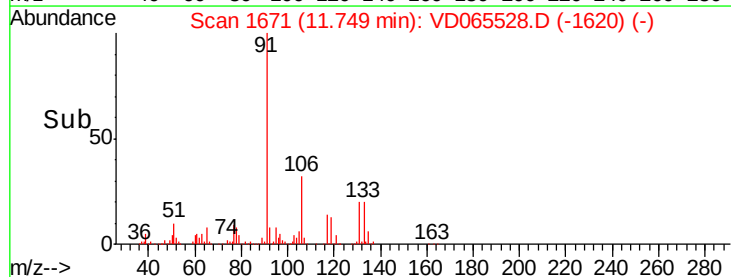
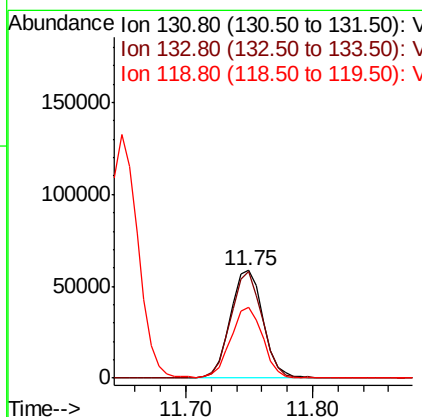
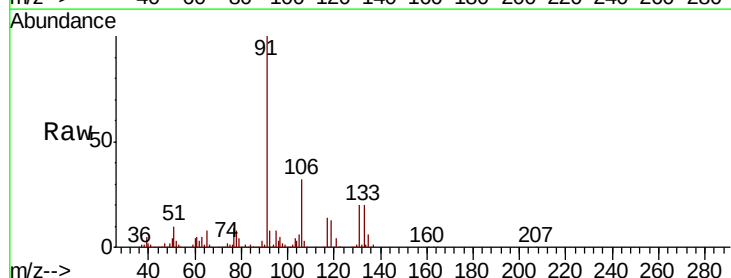
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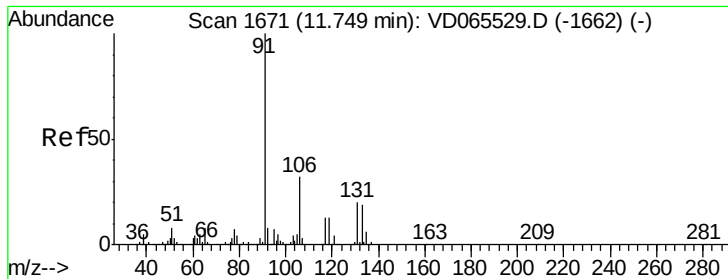
apatel  
3/27/2020 10:12:18 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.139 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Tgt Ion:131 Resp: 104465  
Ion Ratio Lower Upper  
131 100  
133 95.8 48.9 146.7  
119 64.6 32.5 97.4





#67

Ethyl Benzene

Concen: 20.081 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 466460

Ion Ratio Lower Upper

91 100

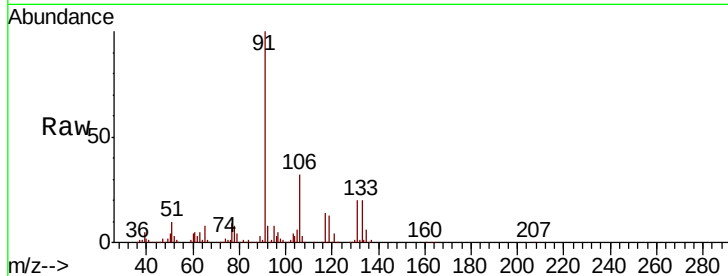
106 31.6 25.4 38.0

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

400000

300000

200000

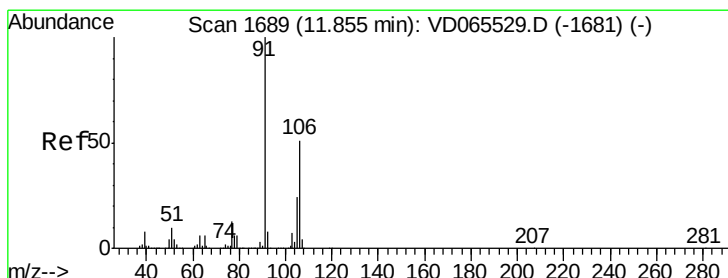
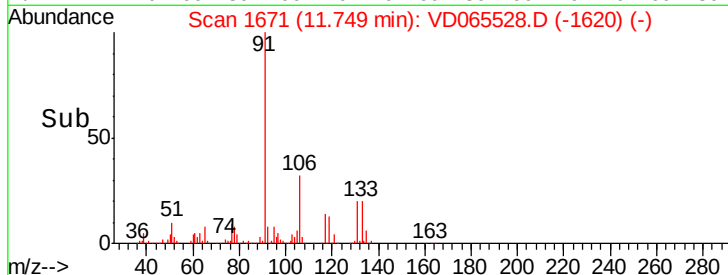
100000

0

11.75

11.80

Time-->



#68

m/p-Xylenes

Concen: 41.595 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065528.D

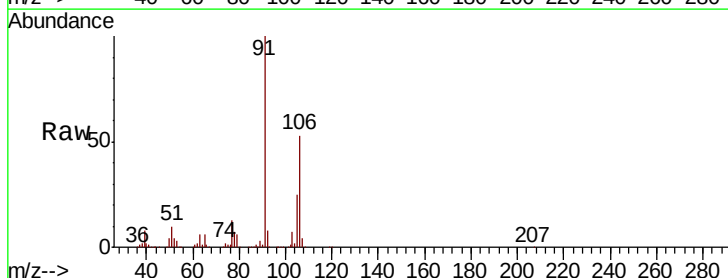
Acq: 26 Mar 2020 16:34

Tgt Ion: 106 Resp: 372885

Ion Ratio Lower Upper

106 100

91 194.7 155.4 233.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

400000

300000

200000

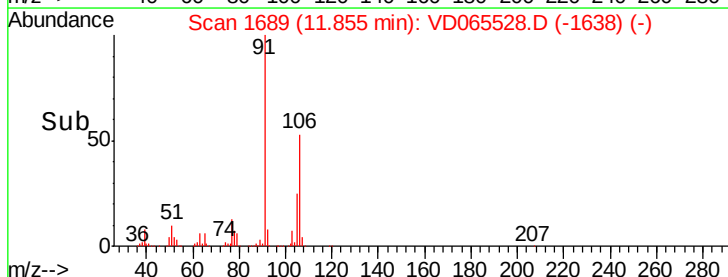
100000

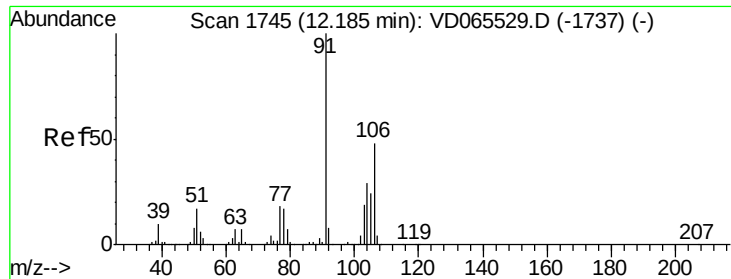
0

11.86

11.90

Time-->





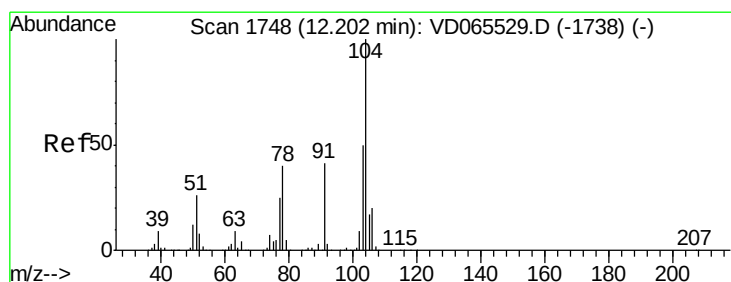
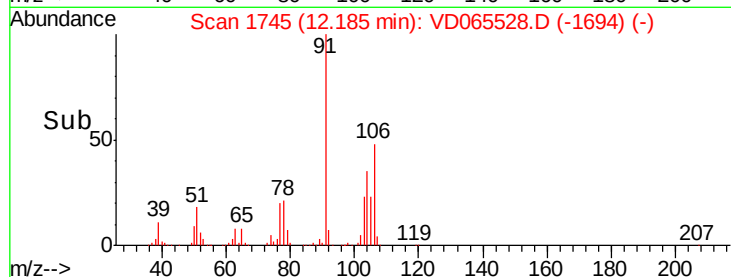
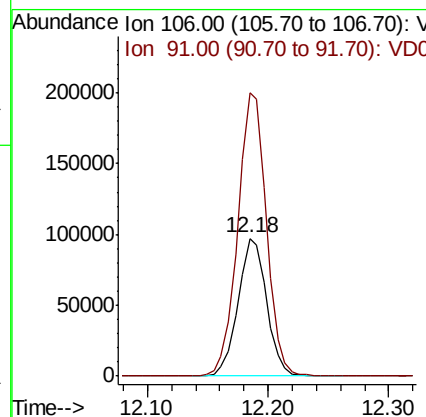
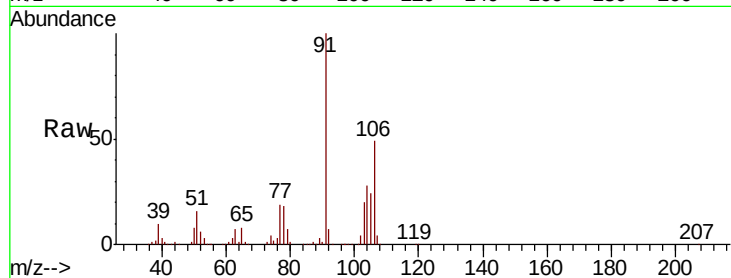
#69  
o-Xylene  
Concen: 20.306 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 206.3 | 102.8 | 308.4 |

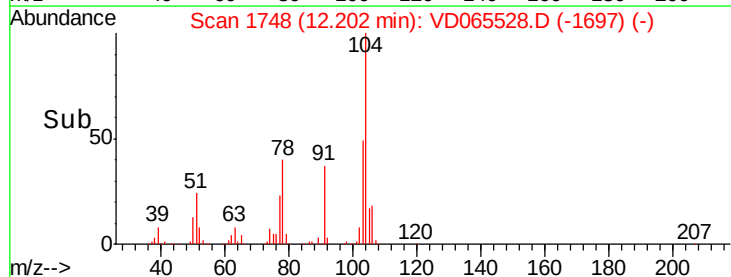
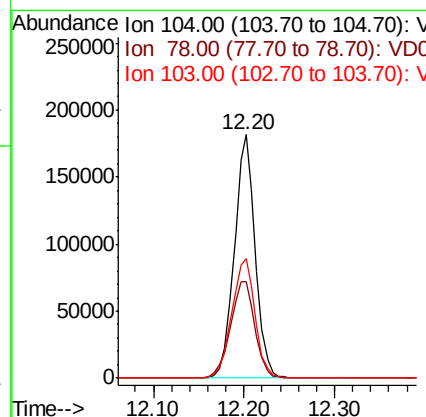
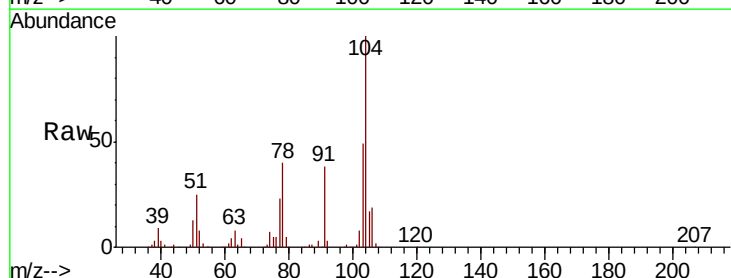
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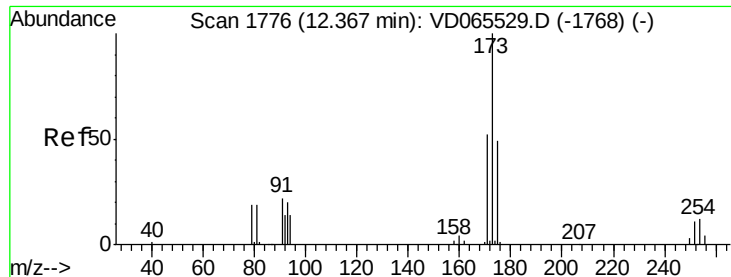


#70  
Styrene  
Concen: 20.797 ug/l  
RT: 12.20 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 46.0  | 36.6  | 55.0  |
| 103     | 54.5  | 43.8  | 65.6  |







#71

Bromoform

Concen: 20.711 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 57620

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

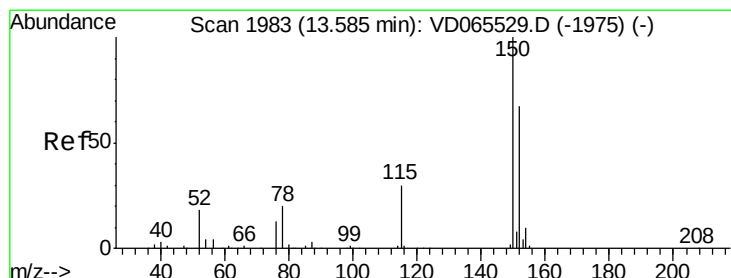
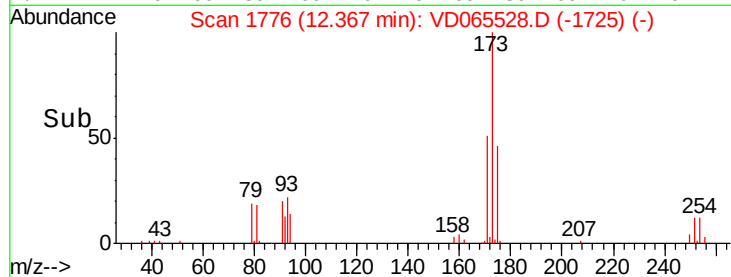
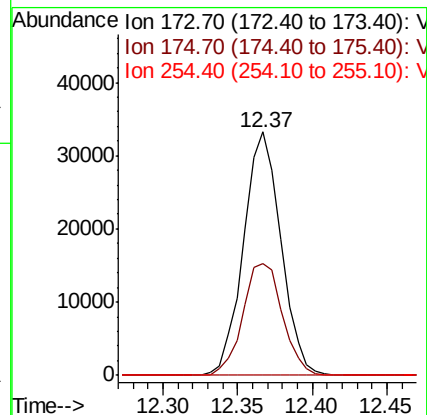
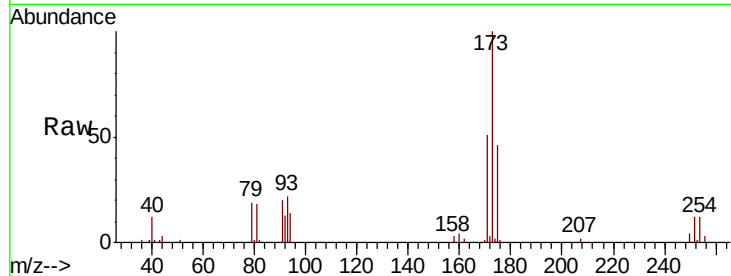
254 0.0 0.0 0.0

Manual Integrations

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apatel

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

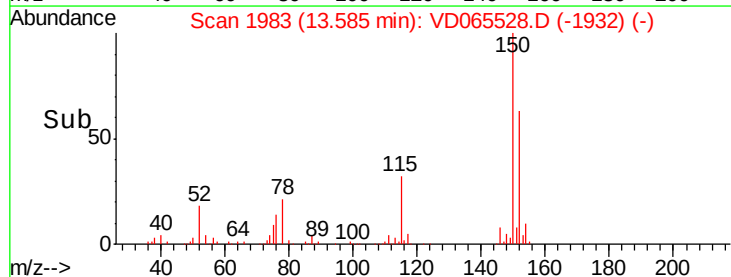
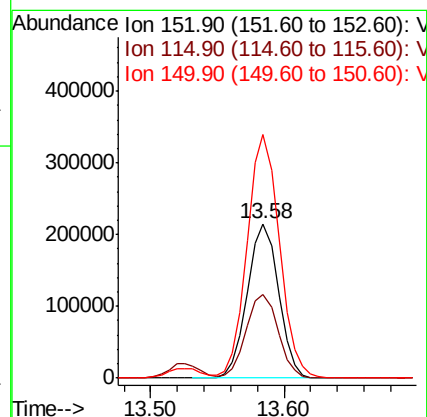
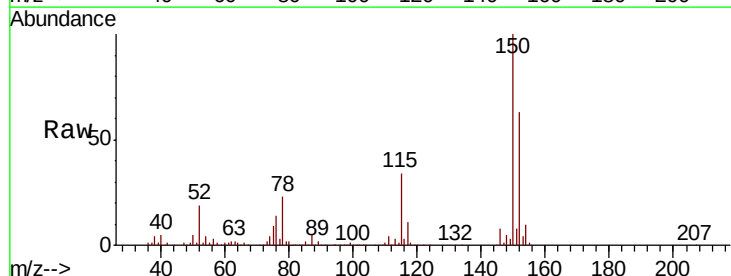
Tgt Ion:152 Resp: 347162

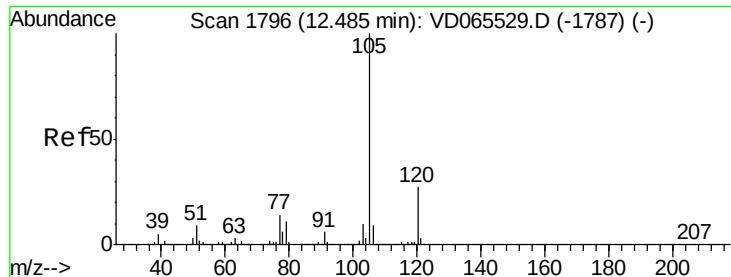
Ion Ratio Lower Upper

152 100

115 55.9 27.2 81.6

150 163.1 0.0 340.2





#73

Isopropylbenzene

Concen: 19.790 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 442691

Ion Ratio Lower Upper

105 100

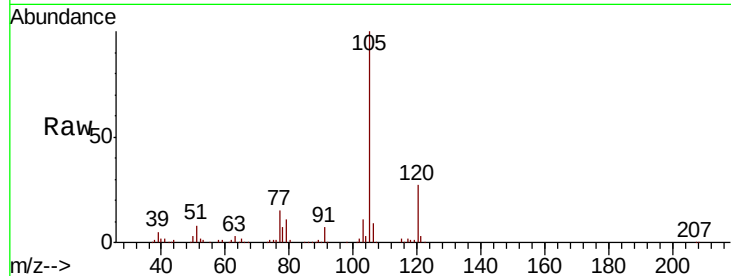
120 26.9 13.7 41.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

300000

250000

200000

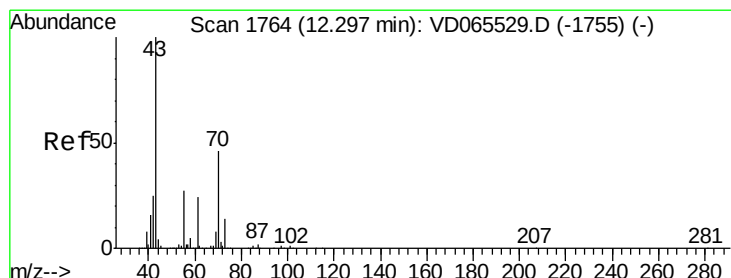
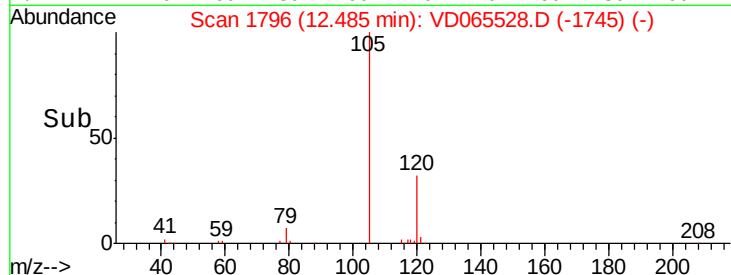
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.456 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Tgt Ion: 43 Resp: 84622

Ion Ratio Lower Upper

43 100

70 44.6 36.2 54.2

55 28.7 22.2 33.4

61 25.1 19.5 29.3

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

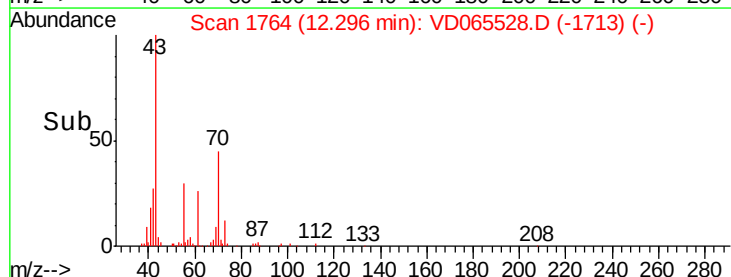
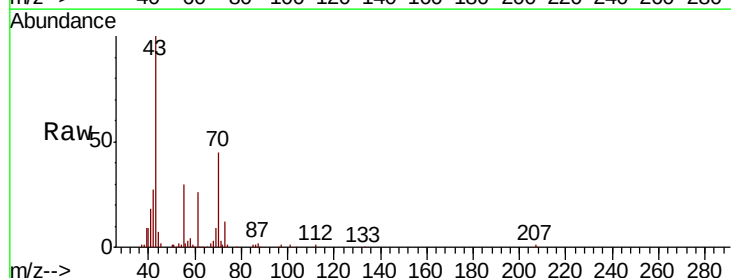
60000

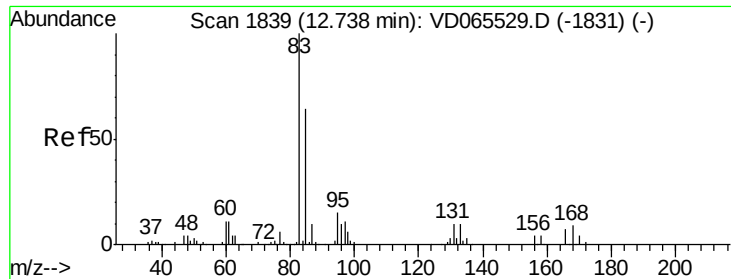
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.694 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

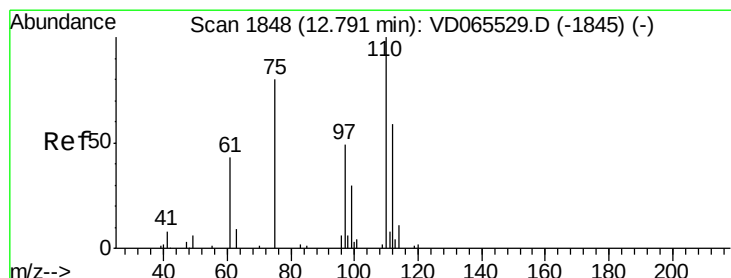
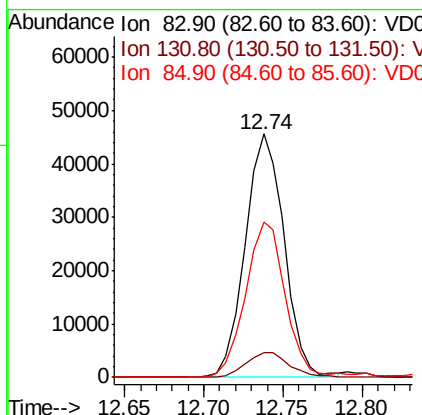
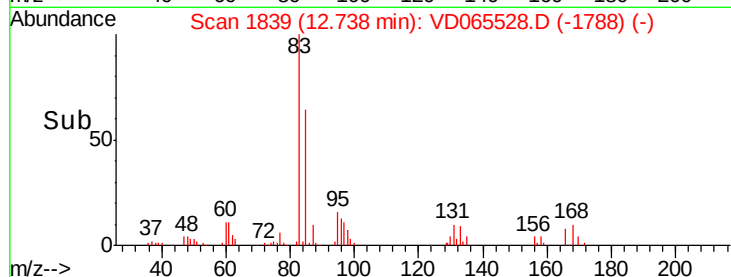
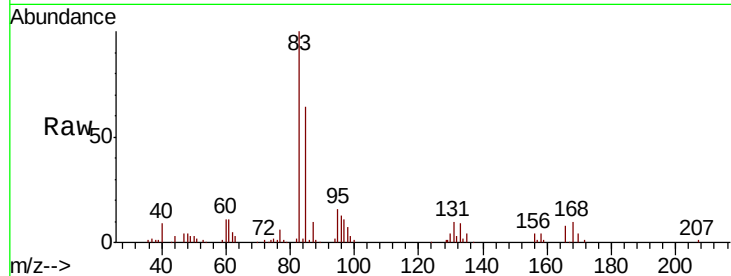
ClientSampleId :

VSTDIC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 77835 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.4  | 5.6   | 16.8  |
| 85        | 66.3  | 32.6  | 98.0  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 18.496 ug/l m

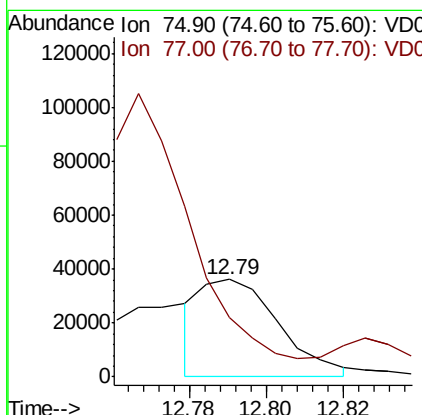
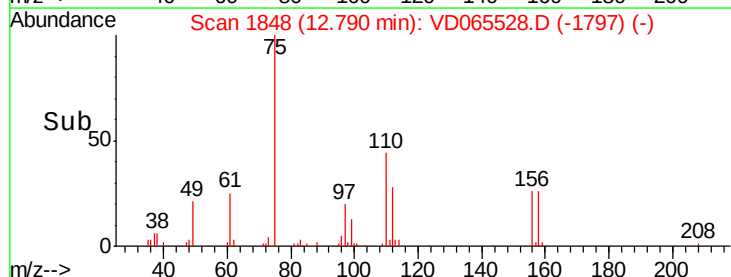
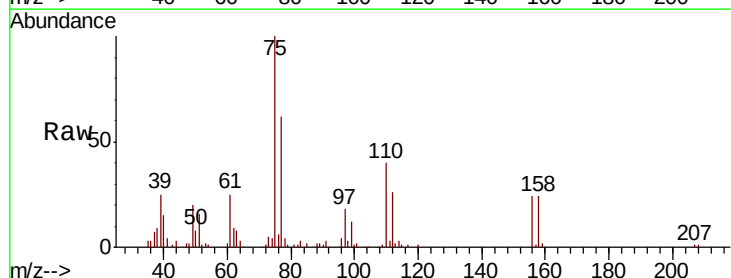
RT: 12.79 min Scan# 1848

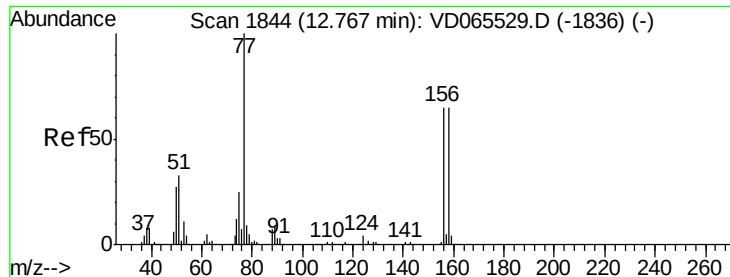
Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 51055 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.508 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

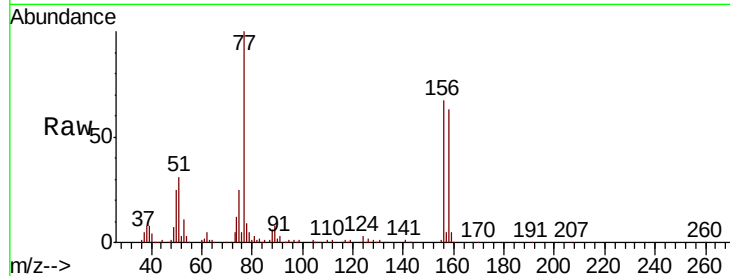
ClientSampleId :

VSTDIC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 115144 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 163.3 | 81.8  | 245.3  |
| 158       | 96.6  | 49.1  | 147.4  |

Manual Integrations  
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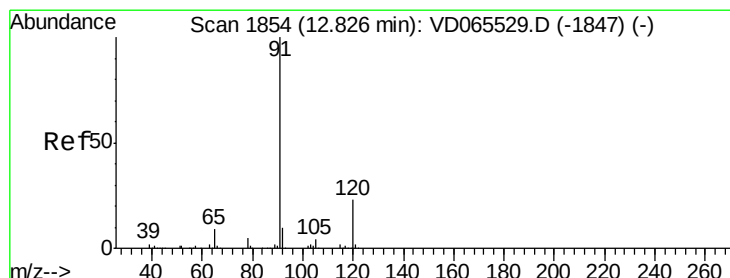
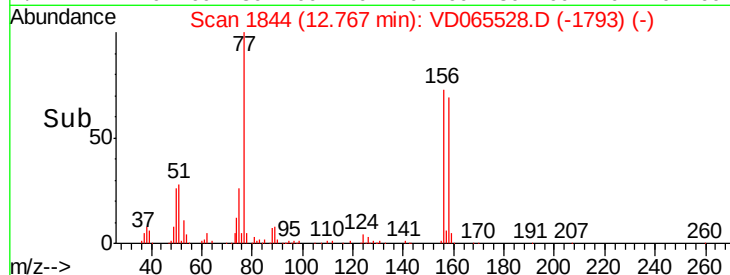
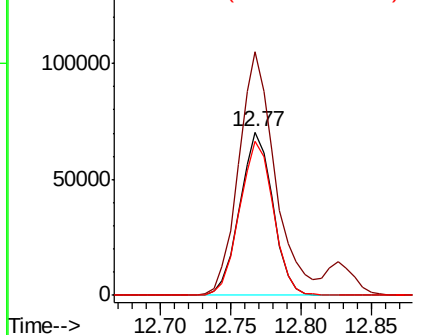
apatel  
3/27/2020 10:12:18 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.805 ug/l

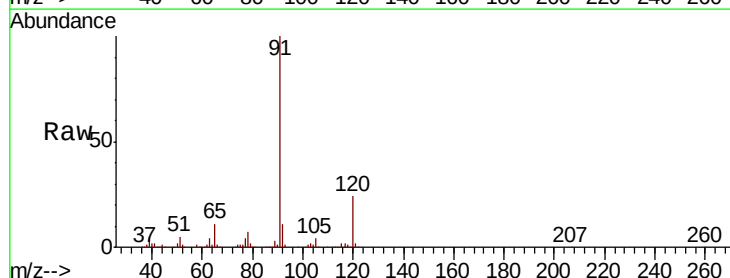
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065528.D

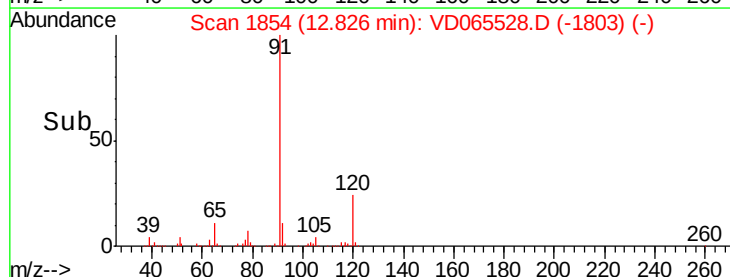
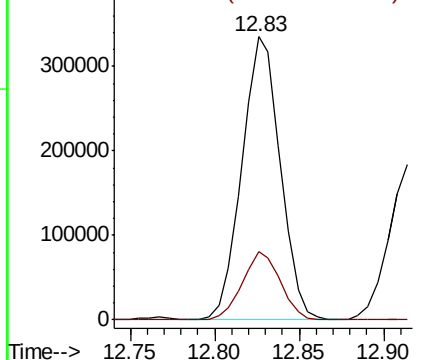
Acq: 26 Mar 2020 16:34

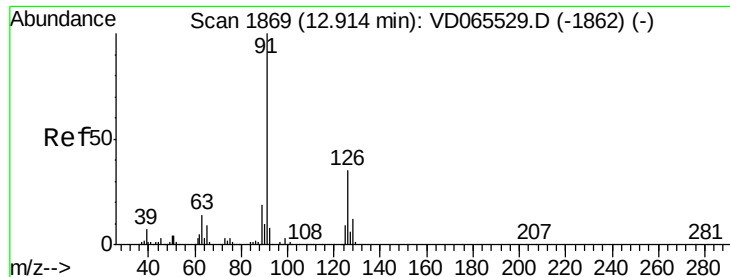
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 527531 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.9  | 11.8  | 35.4   |



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.042 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 301501

Ion Ratio Lower Upper

91 100

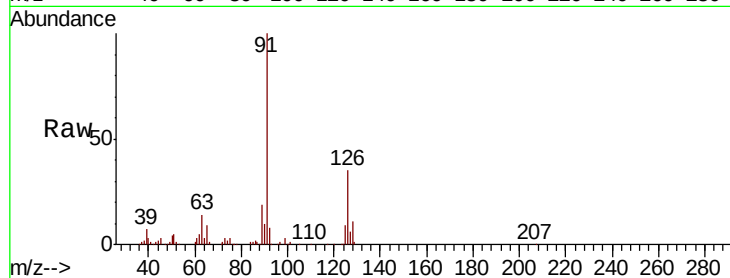
126 35.4 17.8 53.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VD065529.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065529.D (-1862) (-)

12.91

200000

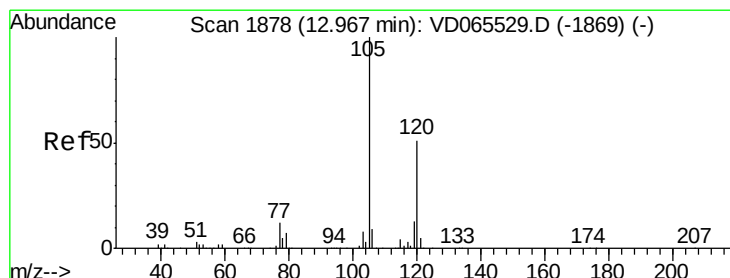
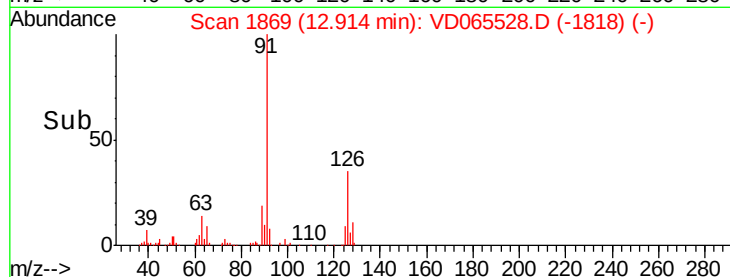
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.395 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065528.D

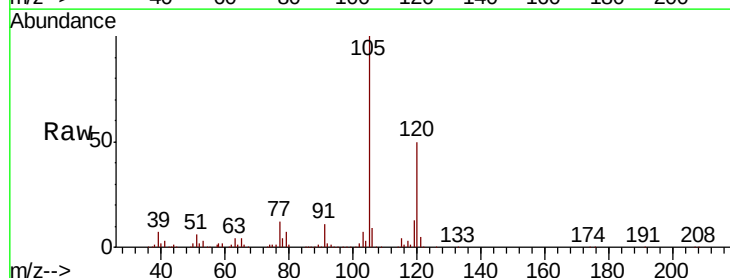
Acq: 26 Mar 2020 16:34

Tgt Ion:105 Resp: 375382

Ion Ratio Lower Upper

105 100

120 50.8 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD065529.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065529.D (-1869) (-)

12.97

250000

200000

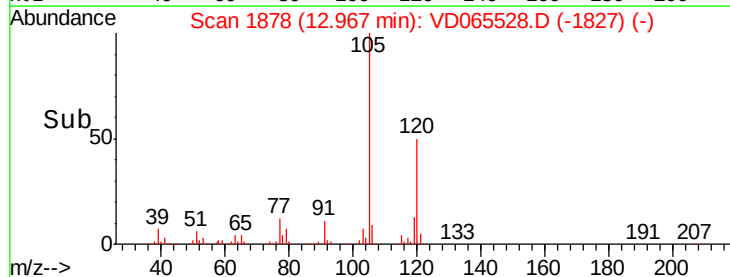
150000

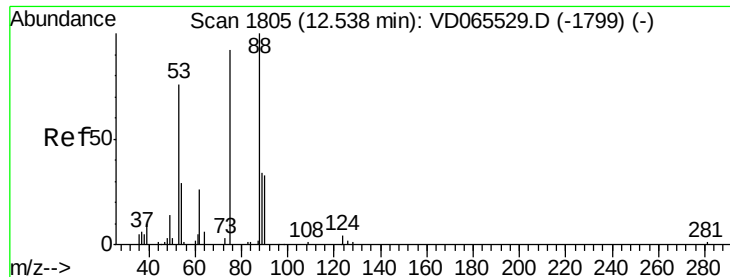
100000

50000

0

Time-->





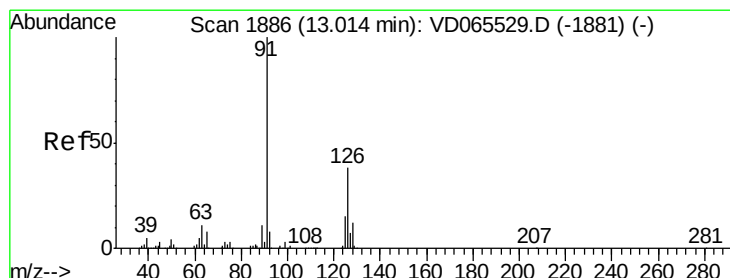
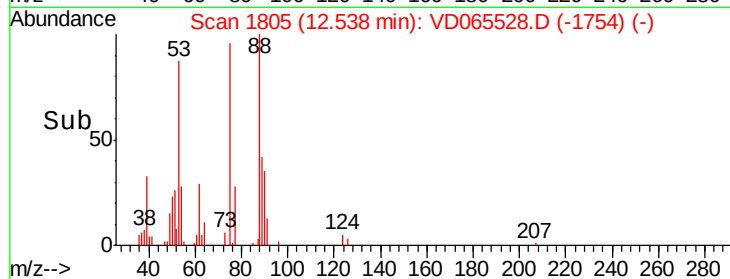
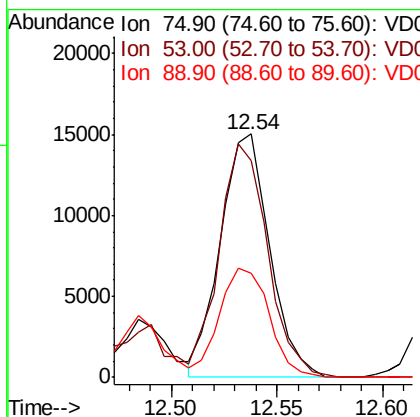
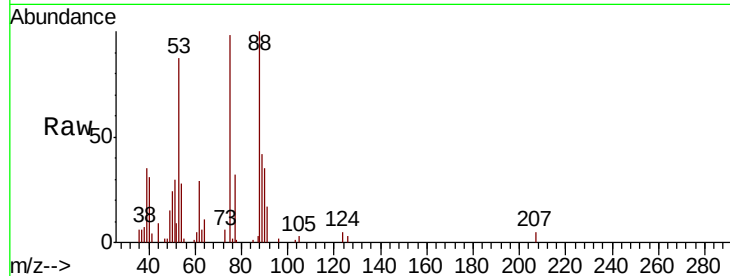
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.982 ug/l  
RT: 12.54 min Scan# 1805  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 94.6  | 72.4  | 108.6 |
| 89      | 45.3  | 36.9  | 55.3  |

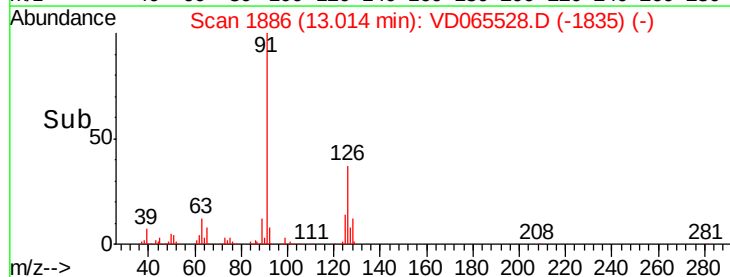
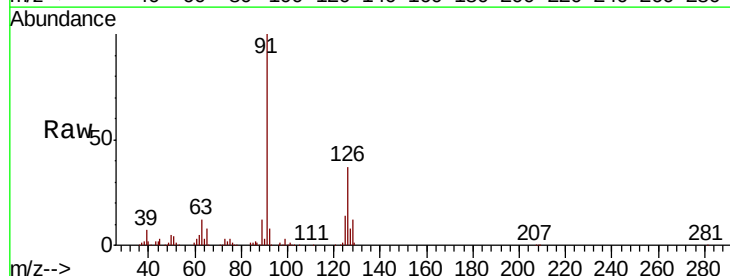
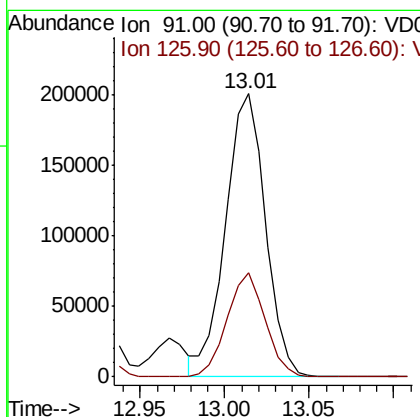
Manual Integrations  
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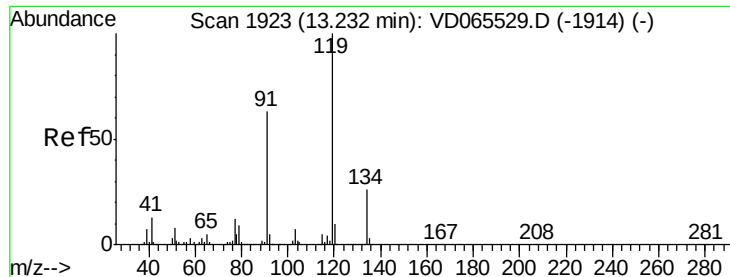
apatel  
3/27/2020 10:12:18 AM



#82  
4-Chlorotoluene  
Concen: 20.853 ug/l  
RT: 13.01 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.3  | 17.9  | 53.7  |





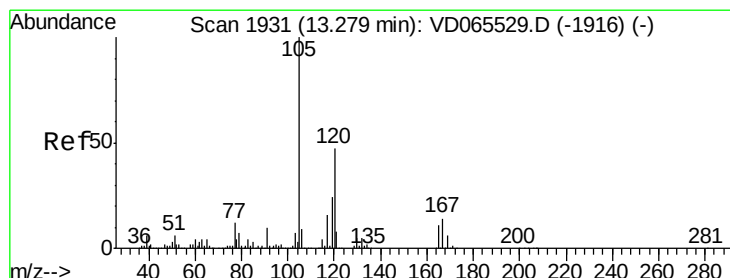
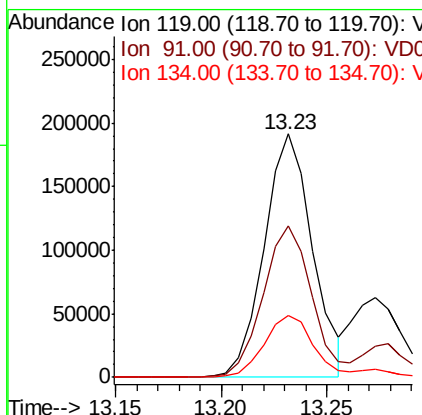
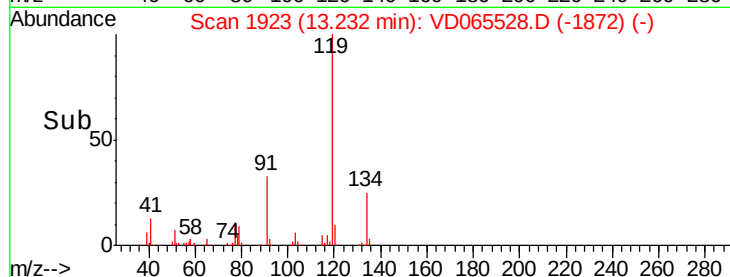
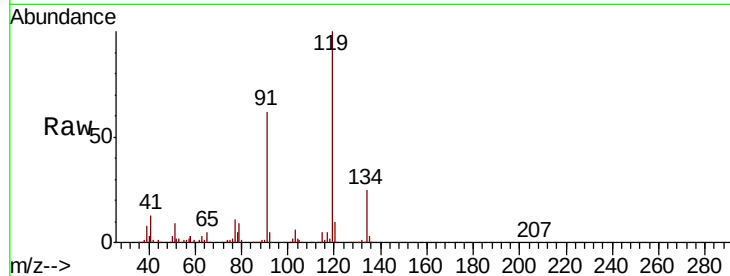
#83  
 tert-Butylbenzene  
 Concen: 19.510 ug/l  
 RT: 13.23 min Scan# 1923  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.4  | 31.4  | 94.0  |
| 134     | 25.9  | 13.9  | 41.6  |

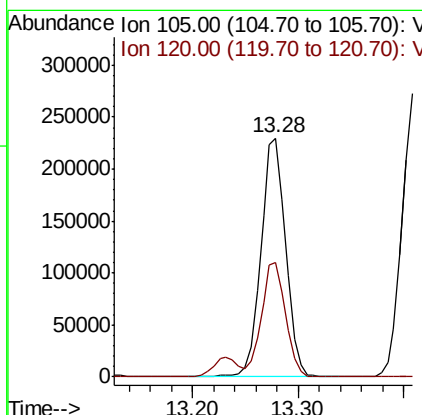
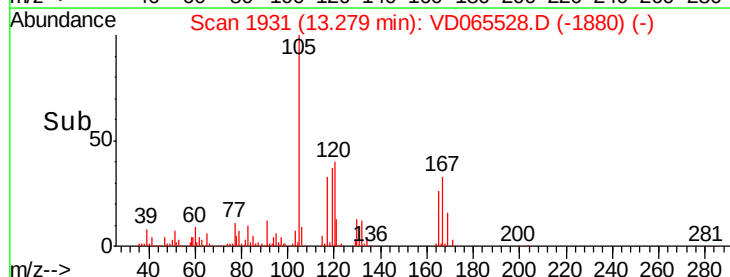
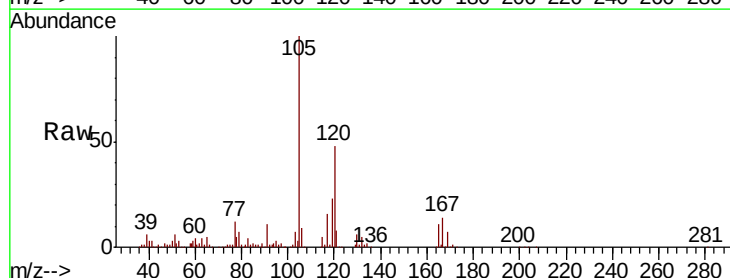
Manual Integrations  
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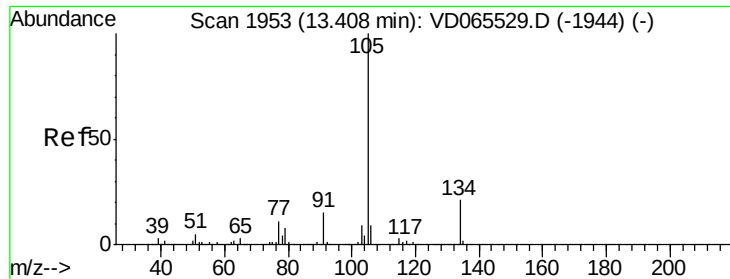
apatel  
 3/27/2020 10:12:18 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.564 ug/l  
 RT: 13.28 min Scan# 1931  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.5  | 23.5  | 70.5  |





#85

sec-Butylbenzene

Concen: 19.768 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 438599

Ion Ratio Lower Upper

105 100

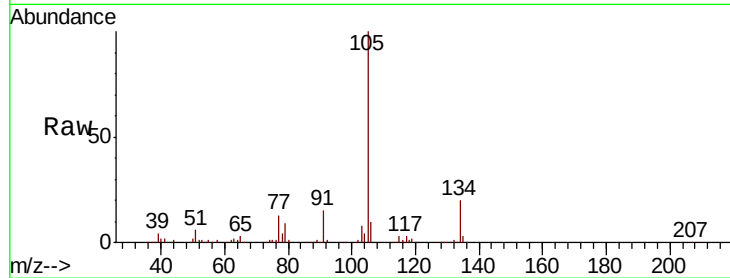
134 20.7 10.6 31.8

Manual Integrations

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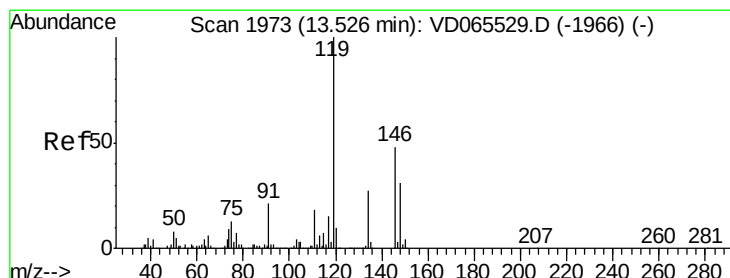
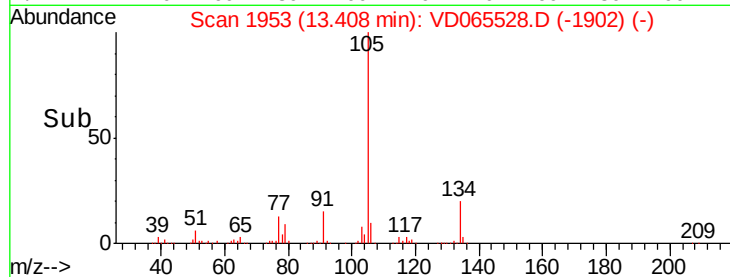
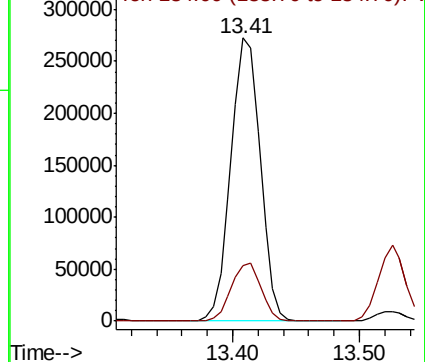
apatel

3/27/2020 10:12:18 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.273 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065528.D

Acq: 26 Mar 2020 16:34

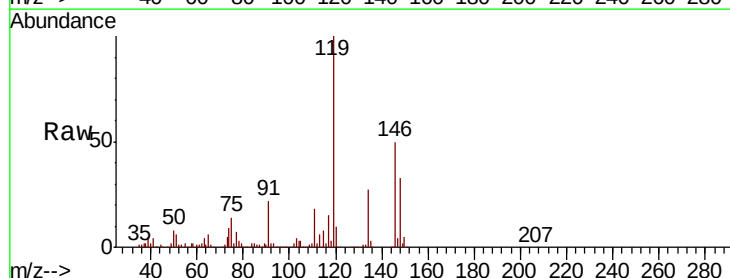
Tgt Ion:119 Resp: 410926

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

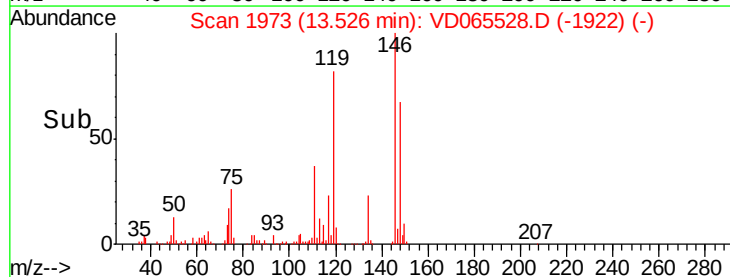
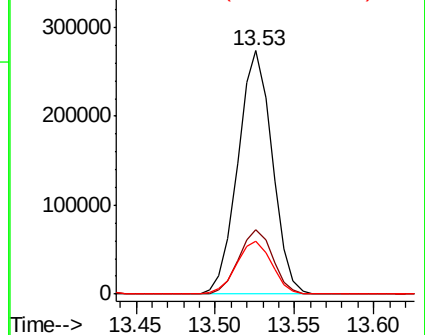
91 22.4 10.8 32.3



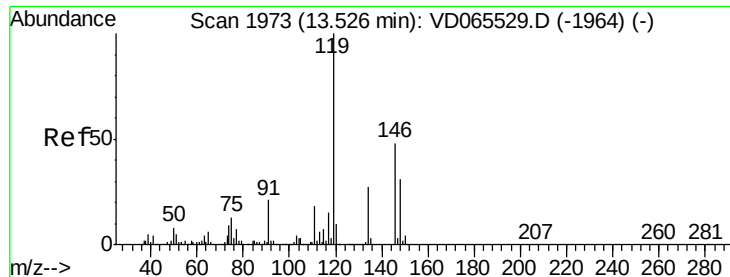
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







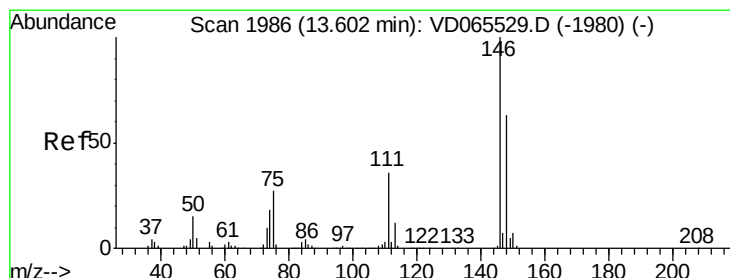
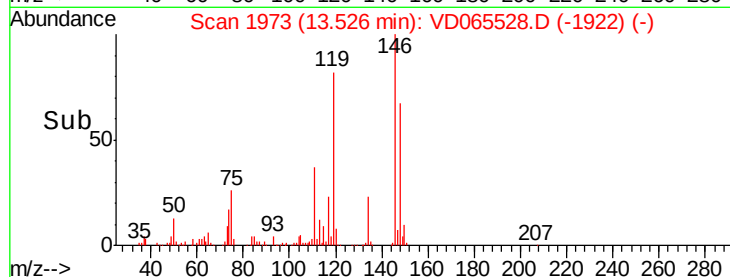
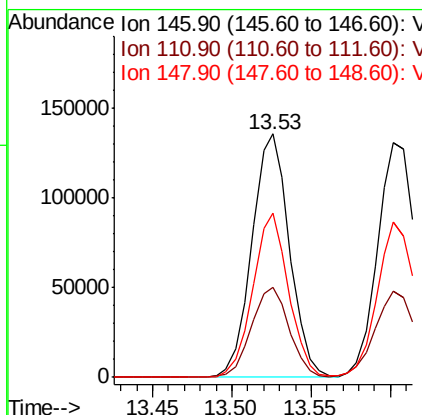
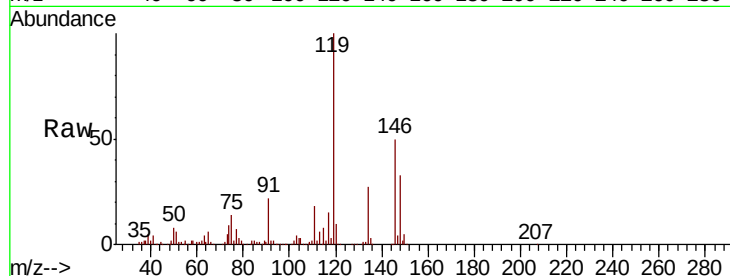
#87  
 1,3-Dichlorobenzene  
 Concen: 20.632 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 18.5  | 55.5  |
| 148     | 64.3  | 31.8  | 95.4  |

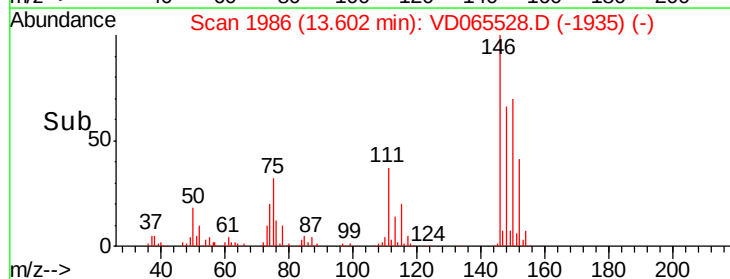
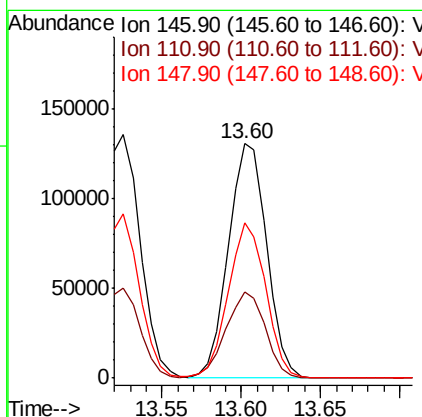
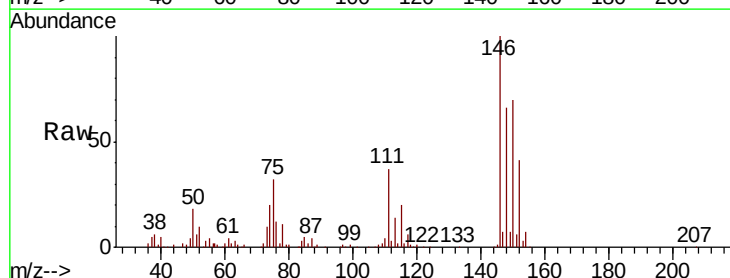
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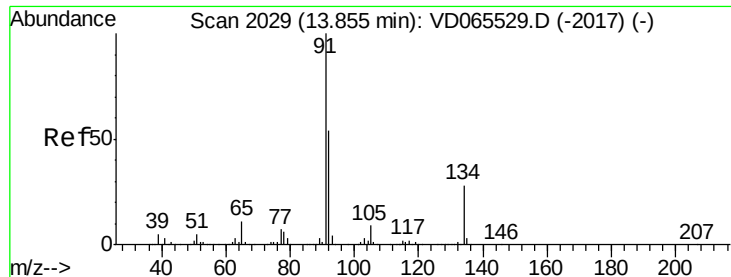
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.351 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 18.0  | 54.0  |
| 148     | 64.9  | 31.6  | 94.8  |





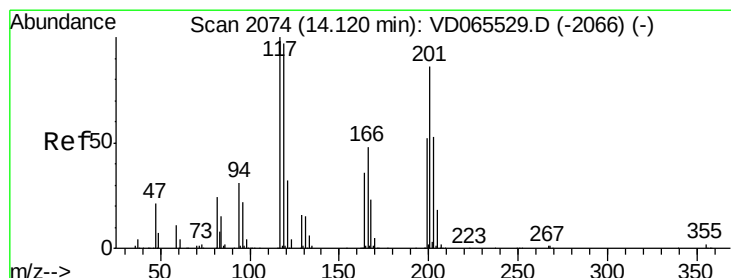
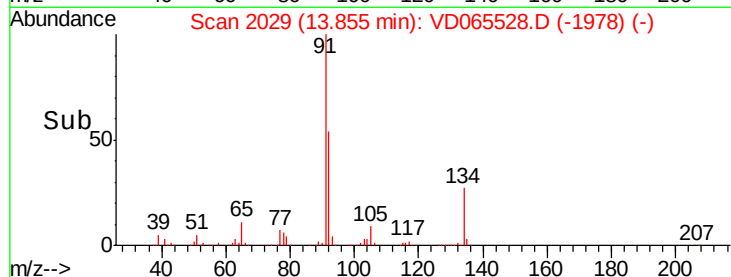
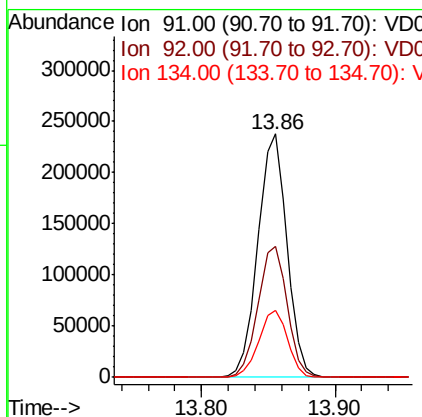
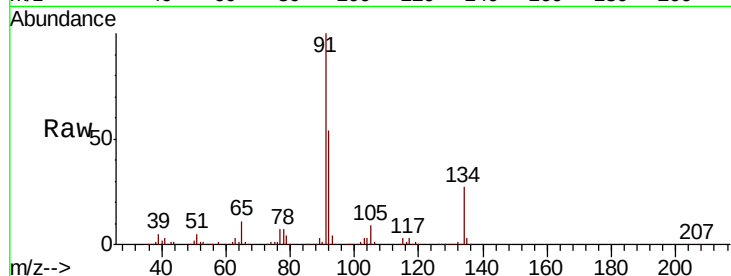
#89  
n-Butylbenzene  
Concen: 19.113 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.1  | 26.8  | 80.4  |
| 134     | 27.3  | 13.7  | 41.0  |

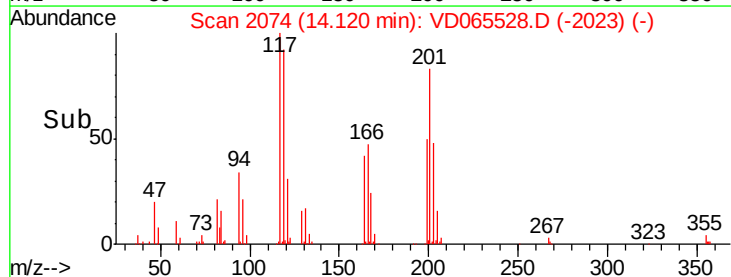
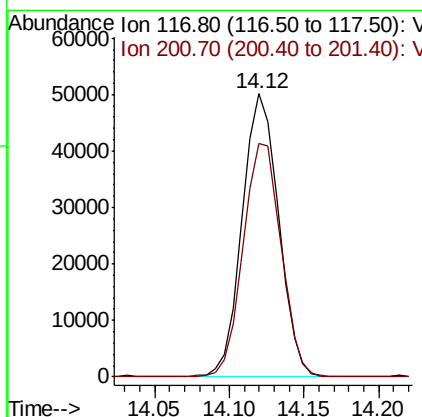
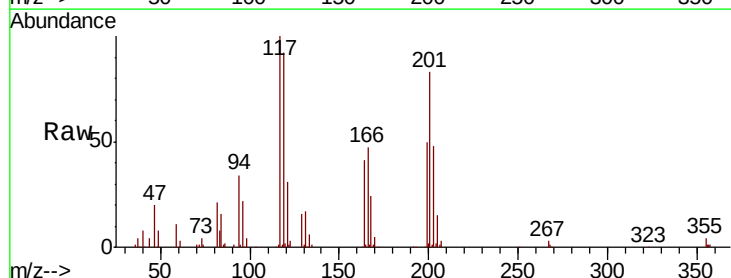
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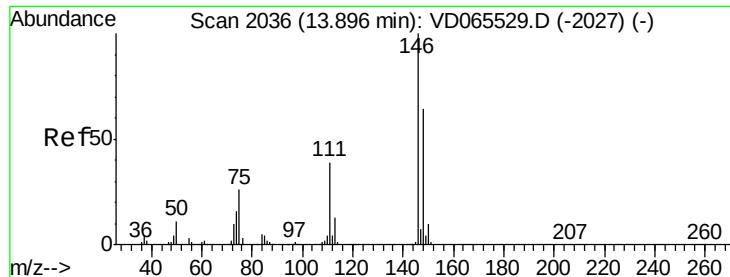
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#90  
Hexachloroethane  
Concen: 20.333 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 85.6  | 43.9  | 131.6 |





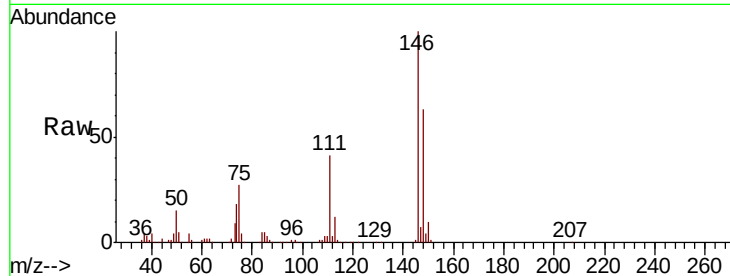
#91  
 1,2-Dichlorobenzene  
 Concen: 20.617 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.4  | 58.4  |
| 148     | 64.0  | 32.1  | 96.5  |

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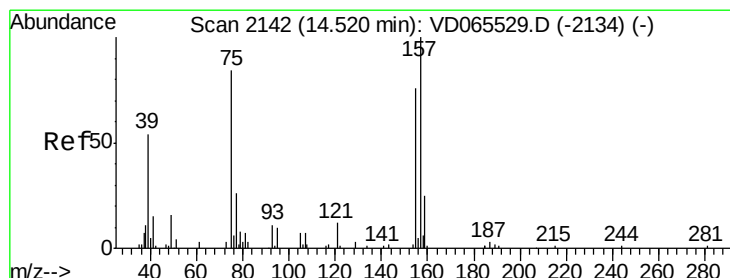
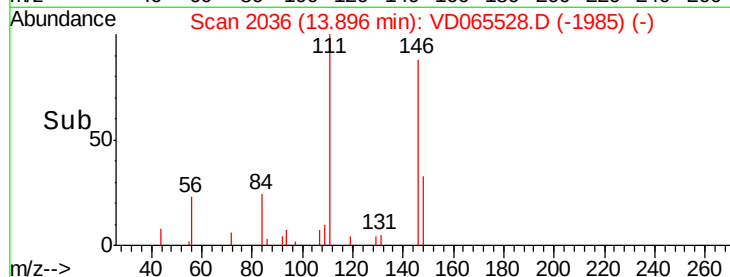
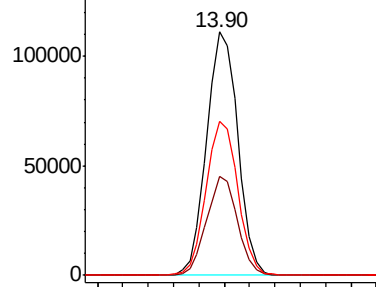


Abundance

Ion 145.90 (145.60 to 146.60): V

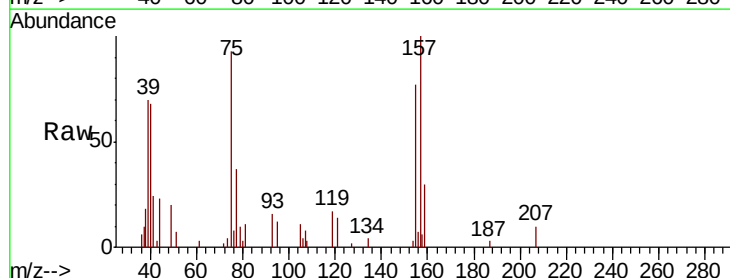
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.507 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: VD065528.D  
 Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 95.8  | 46.2  | 138.6 |
| 157     | 122.0 | 57.9  | 173.7 |

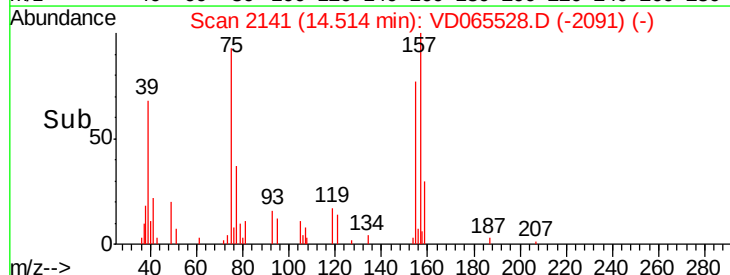
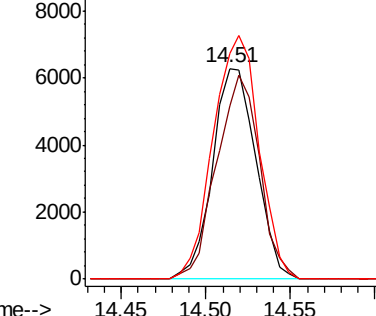


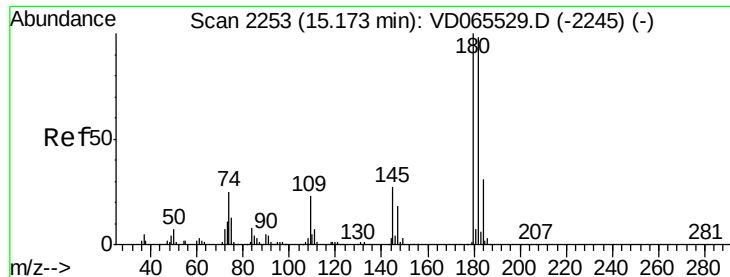
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





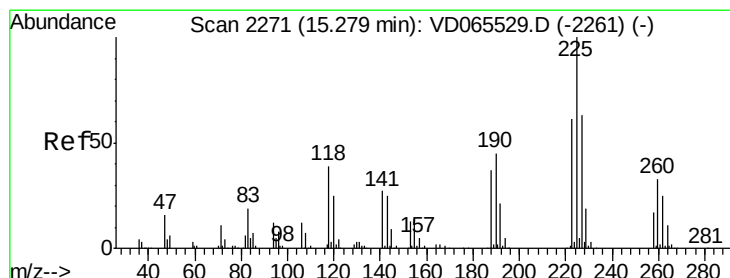
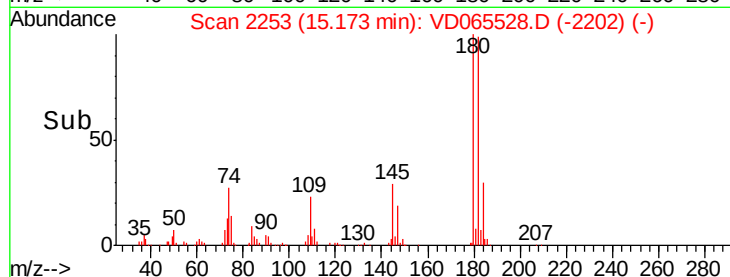
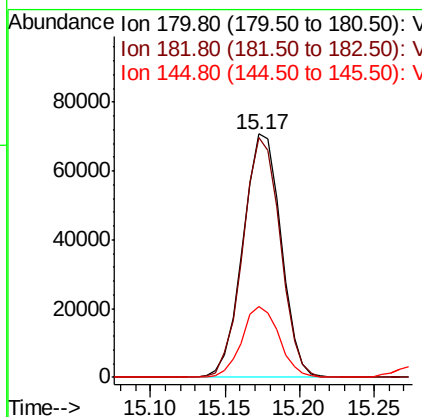
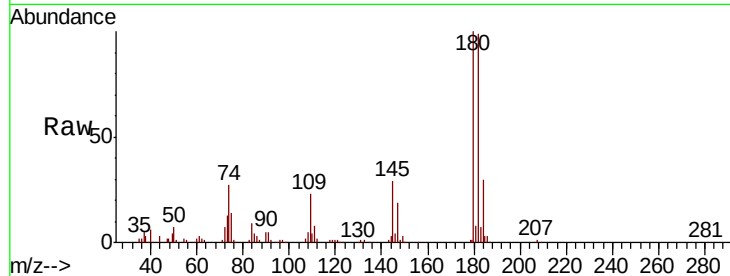
#93  
1,2,4-Trichlorobenzene  
Concen: 20.011 ug/l  
RT: 15.17 min Scan# 2253  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 124860 |       |       |
| 182     | 96.8  | 48.1   | 144.3 |       |
| 145     | 28.4  | 13.9   | 41.6  |       |

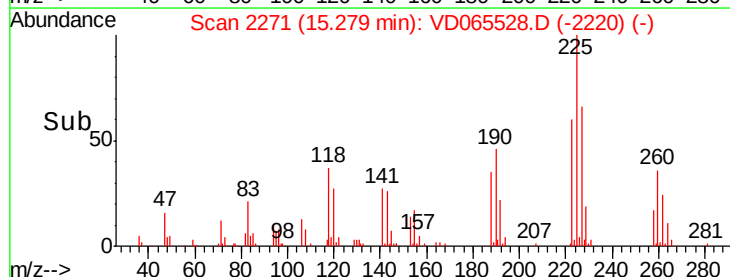
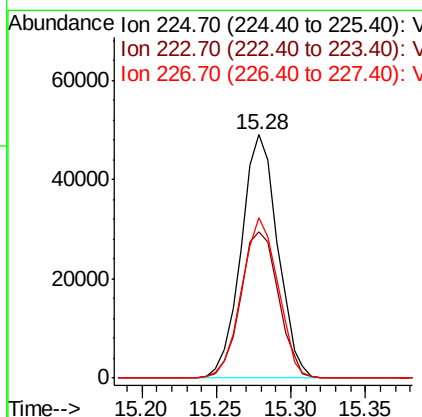
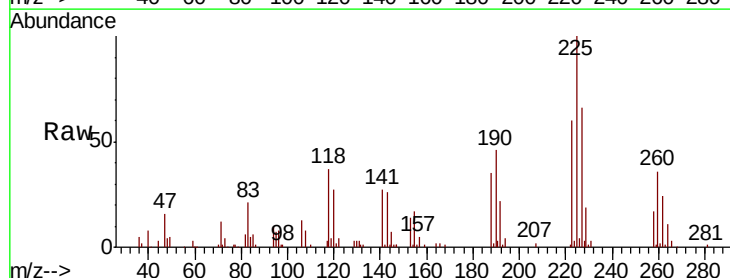
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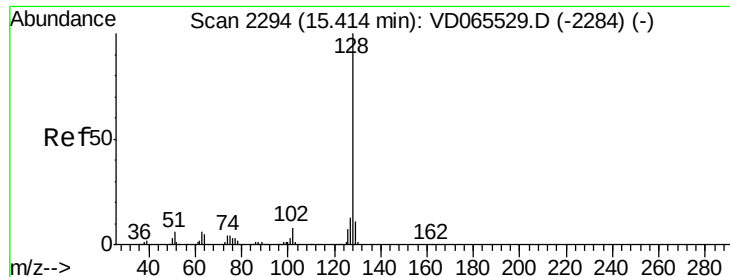
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#94  
Hexachlorobutadiene  
Concen: 20.389 ug/l  
RT: 15.28 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 83064 |       |       |
| 223     | 62.8  | 31.2  | 93.6  |       |
| 227     | 65.4  | 32.3  | 96.9  |       |





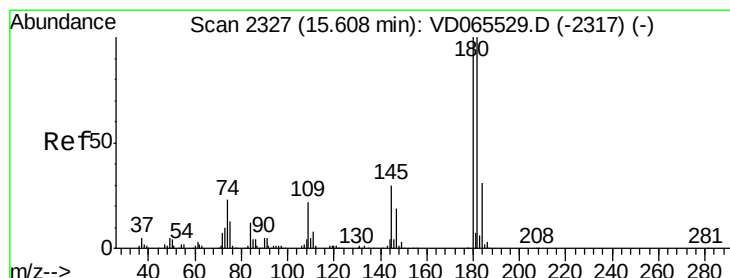
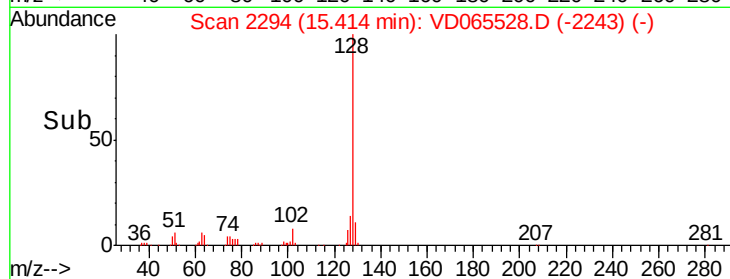
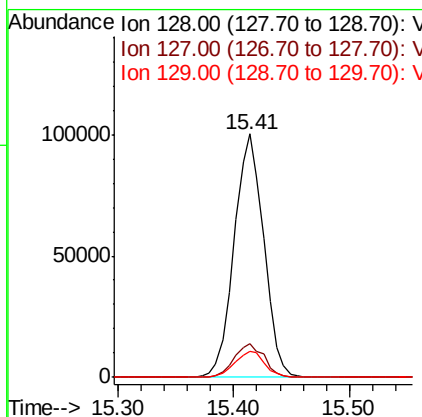
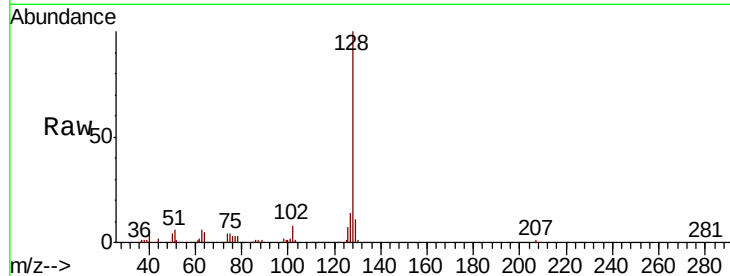
#95  
Naphthalene  
Concen: 17.886 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.9  | 10.4  | 15.6  |
| 129     | 10.8  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.808 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. -0.00 min  
Lab File: VD065528.D  
Acq: 26 Mar 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.9  | 48.1  | 144.3 |
| 145     | 30.8  | 15.0  | 45.0  |

