

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081321\  
 Data File : VD070050.D  
 Acq On : 13 Aug 2021 15:22  
 Operator : VA/SY  
 Sample : VD0813SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0813SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 8/16/2021 5:05:03 PM

Quant Time: Aug 14 02:38:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 554186     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 1029697    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638         | 117  | 958695     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 442924     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 321461     | 49.318   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 98.640%  |        |          |
| 35) Dibromofluoromethane     | 7.908          | 113  | 326228     | 49.038   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 98.080%  |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 1292454    | 49.951   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 99.900%  |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 426970     | 50.100   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 100.200% |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 146620     | 24.300   | ug/l   | 97       |
| 3) Chloromethane             | 2.209          | 50   | 192887     | 22.695   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.344          | 62   | 202982     | 21.642   | ug/l   | 99       |
| 5) Bromomethane              | 2.750          | 94   | 138982     | 24.858   | ug/l   | 97       |
| 6) Chloroethane              | 2.909          | 64   | 125333     | 20.918   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.268          | 101  | 231927     | 20.589   | ug/l   | 94       |
| 8) Diethyl Ether             | 3.709          | 74   | 69108      | 21.437   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 147839     | 20.629   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.297          | 142  | 125729     | 19.188   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 35747      | 99.222   | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 137691     | 20.913   | ug/l   | 92       |
| 13) Acrolein                 | 3.920          | 56   | 40951      | 98.680   | ug/l   | 99       |
| 14) Allyl chloride           | 4.709          | 41   | 207500     | 21.122   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.414          | 53   | 154658     | 103.461  | ug/l   | 99       |
| 16) Acetone                  | 4.156          | 43   | 111437     | 92.807   | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.409          | 76   | 501873     | 21.083   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.720          | 43   | 76250      | 21.299   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 282997     | 20.711   | ug/l   | 96       |
| 20) Methylene Chloride       | 4.962          | 84   | 188535     | 17.787   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.467          | 96   | 164505     | 21.510   | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.361          | 45   | 453047     | 21.927   | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.303          | 43   | 965535     | 103.114  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.261          | 63   | 303453     | 21.466   | ug/l   | 98       |
| 25) 2-Butanone               | 7.208          | 43   | 164396     | 100.197  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.203          | 77   | 225256     | 20.465   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.208          | 96   | 175512     | 21.610   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.544          | 49   | 110258     | 21.433   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 108660     | 101.139  | ug/l   | 99       |
| 30) Chloroform               | 7.708          | 83   | 292125     | 21.013   | ug/l   | 98       |
| 31) Cyclohexane              | 7.985          | 56   | 266680     | 20.671   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 243662     | 20.974   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 224501     | 20.267   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.291          | 43   | 83345      | 20.714   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.091          | 117  | 202231     | 20.109   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.355          | 83   | 257514     | 19.966   | ug/l   | 98       |
| 40) Benzene                  | 8.344          | 78   | 667314     | 20.769   | ug/l   | 97       |

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 Sample : VD0813SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0813SBS01

Manual Integrations  
 APPROVED

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 8/16/2021 5:05:03 PM

Quant Time: Aug 14 02:38:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 45573    | 20.950  | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 167712   | 20.367  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 148810   | 19.810  | ug/l   | 99       |
| 44) Trichloroethene           | 9.114  | 130  | 157948   | 20.350  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 175024   | 20.972  | ug/l   | 92       |
| 46) Dibromomethane            | 9.473  | 93   | 80869    | 19.950  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.661  | 83   | 211706   | 20.186  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.450  | 41   | 73013    | 20.383  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.467  | 88   | 18599    | 421.612 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 385520   | 98.703  | ug/l   | 100      |
| 52) Toluene                   | 10.397 | 92   | 410457   | 20.988  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 192131   | 20.683  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 236687   | 20.992  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 116922   | 20.358  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 126585   | 19.368  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 203894   | 20.507  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 329229   | 95.506  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 254317   | 97.225  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.138 | 129  | 132112   | 20.080  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 106645   | 20.510  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 125880   | 20.353  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.667 | 112  | 415728   | 20.755  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 146986   | 20.663  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 730363   | 20.623  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.849 | 106  | 578504   | 42.150  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 255933   | 20.667  | ug/l   | 100      |
| 70) Styrene                   | 12.191 | 104  | 455333   | 20.993  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 70214    | 20.259  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 675926   | 20.927  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.279 | 43   | 140193   | 20.131  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 132165   | 20.508  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 90438m   | 20.134  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 151714   | 21.163  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 874972   | 21.005  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 508076   | 21.200  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 577876   | 21.016  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 35695    | 20.626  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 528163   | 21.047  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 456684   | 20.433  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 578573   | 21.211  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.391 | 105  | 747460   | 20.873  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 601298   | 20.785  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 312860   | 20.540  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 309725   | 20.529  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.832 | 91   | 576770   | 20.317  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 124252   | 20.353  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 268527   | 20.574  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 17539    | 18.220  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 148701   | 20.488  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 86048    | 20.070  | ug/l   | 99       |
| 95) Naphthalene               | 15.385 | 128  | 256806   | 19.440  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 128031   | 20.207  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081321\  
Data File : VD070050.D  
Acq On : 13 Aug 2021 15:22  
Operator : VA/SY  
Sample : VD0813SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

Manual Integrations  
APPROVED

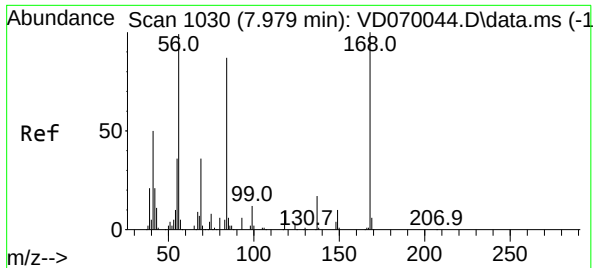
MMDadoda  
8/16/2021 5:05:03 PM

Quant Time: Aug 14 02:38:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 14 02:33:51 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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





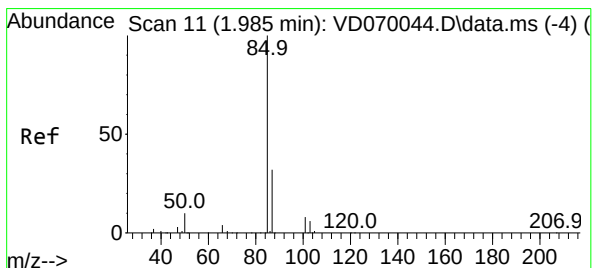
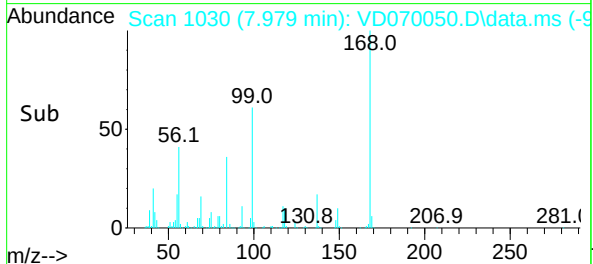
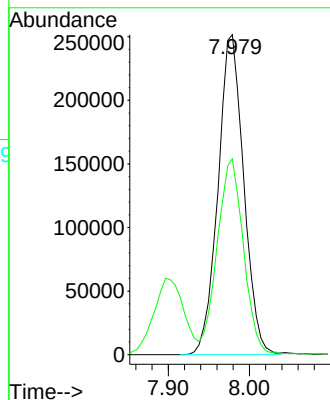
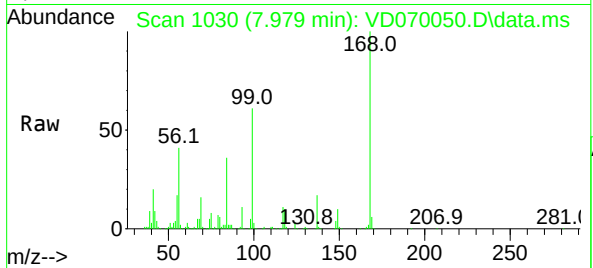
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 168 Resp: 554186  
Ion Ratio Lower Upper  
168 100  
99 61.0 50.3 75.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

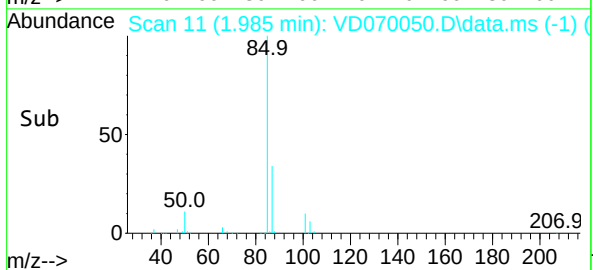
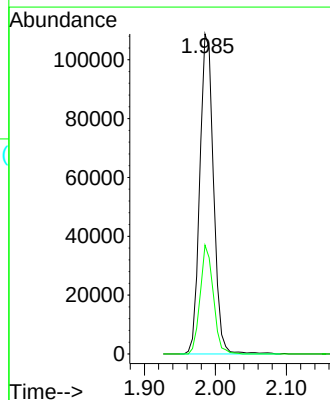
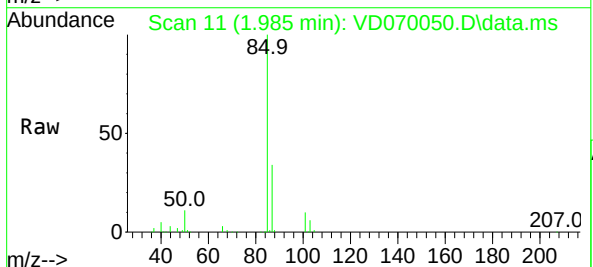
Manual Integrations  
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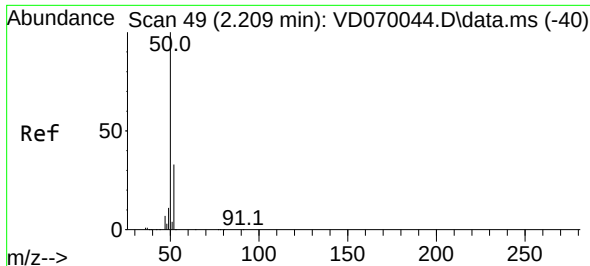
MMDadoda  
8/16/2021 5:05:03 PM



#2  
Dichlorodifluoromethane  
Concen: 24.300 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 85 Resp: 146620  
Ion Ratio Lower Upper  
85 100  
87 34.0 16.2 48.6





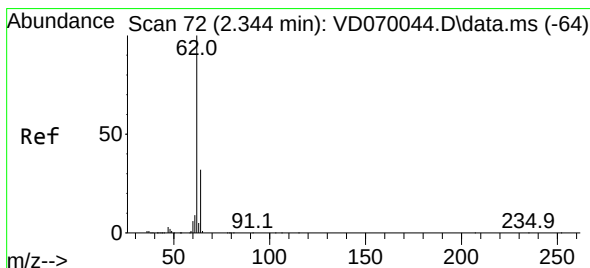
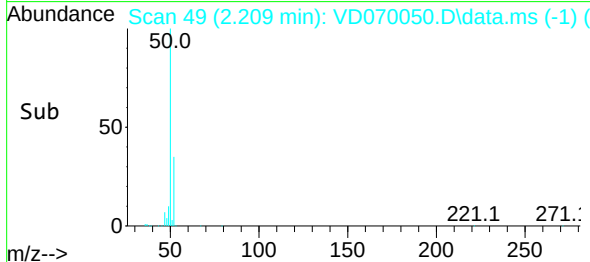
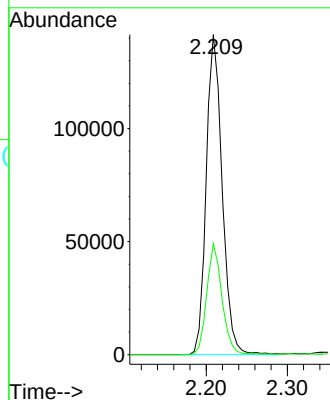
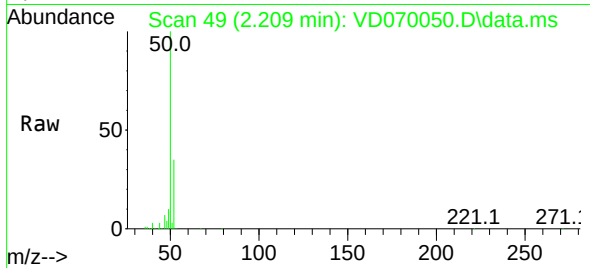
#3  
Chloromethane  
Concen: 22.695 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 50 Resp: 192887  
Ion Ratio Lower Upper  
50 100  
52 34.7 26.3 39.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

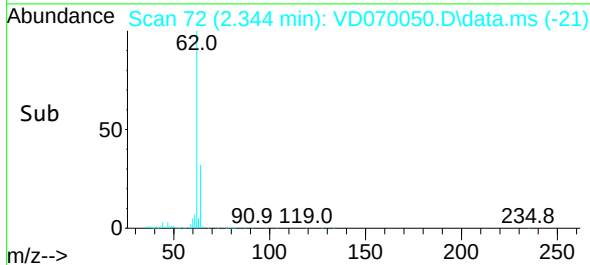
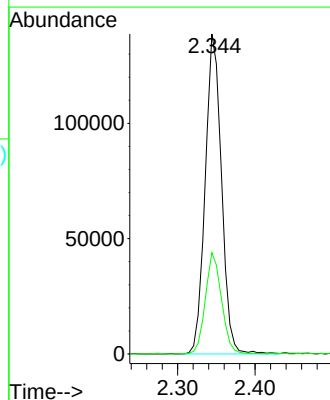
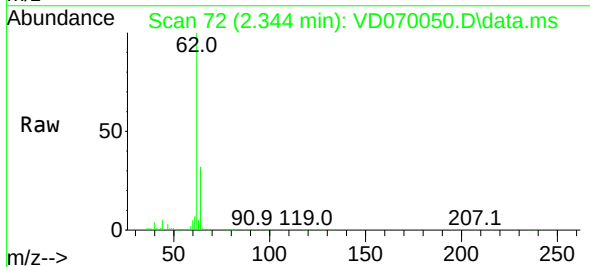
Manual Integrations  
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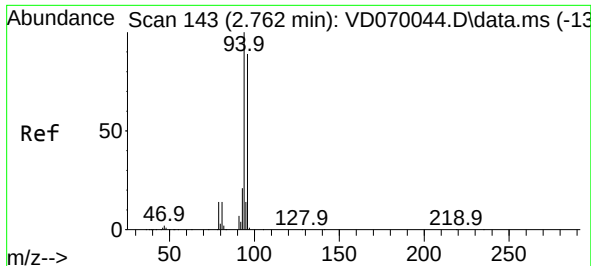
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8/16/2021 5:05:03 PM



#4  
Vinyl Chloride  
Concen: 21.642 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 62 Resp: 202982  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.7 38.5





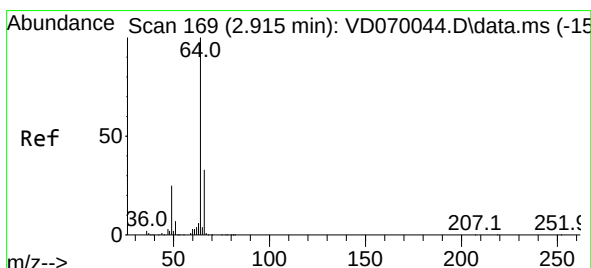
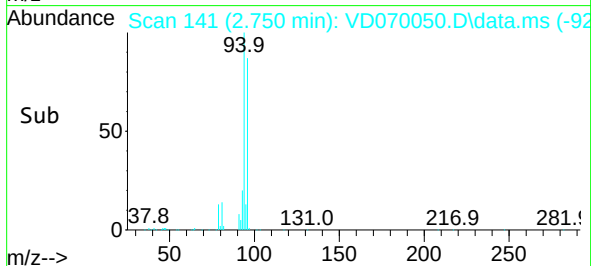
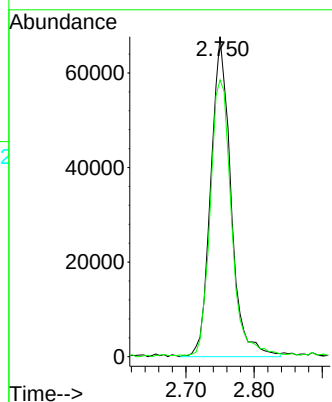
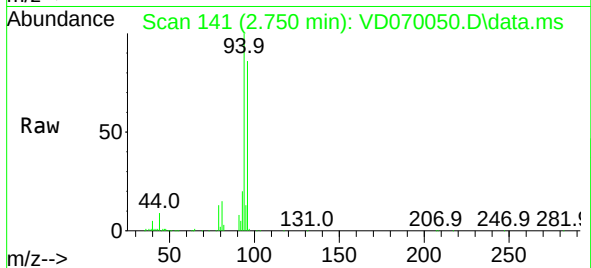
#5  
Bromomethane  
Concen: 24.858 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.012 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 94 Resp: 138982  
Ion Ratio Lower Upper  
94 100  
96 85.9 70.9 106.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

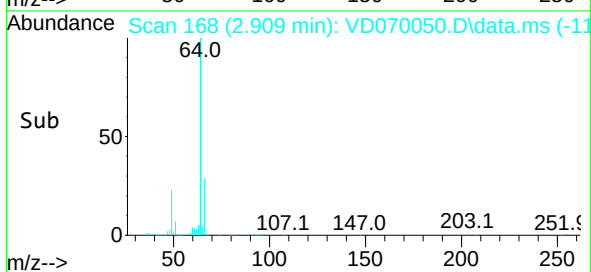
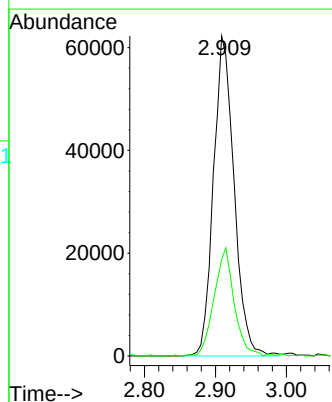
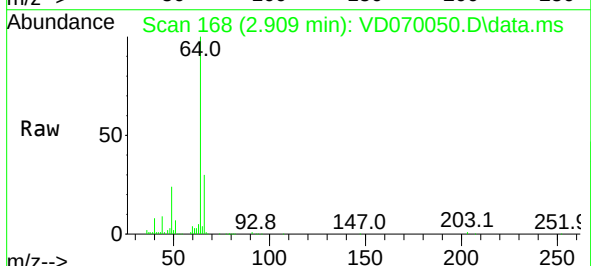
Manual Integrations  
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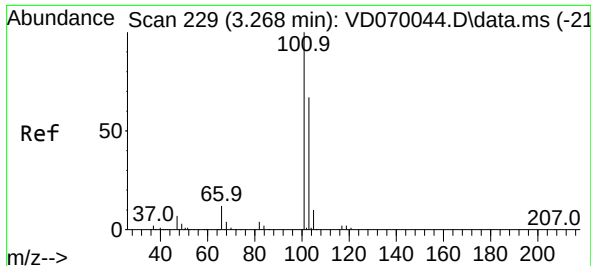
MMDadoda  
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#6  
Chloroethane  
Concen: 20.918 ug/l  
RT: 2.909 min Scan# 168  
Delta R.T. -0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 64 Resp: 125333  
Ion Ratio Lower Upper  
64 100  
66 30.2 26.0 39.0





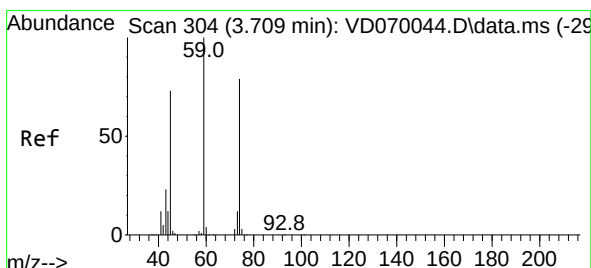
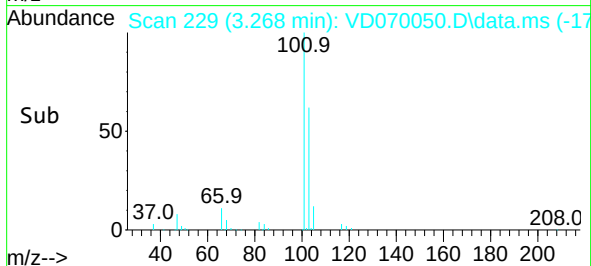
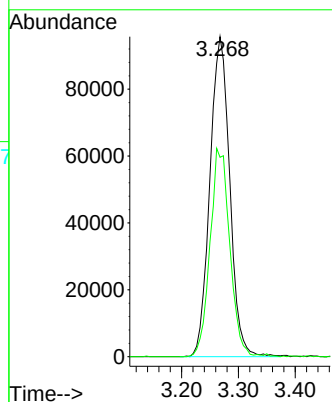
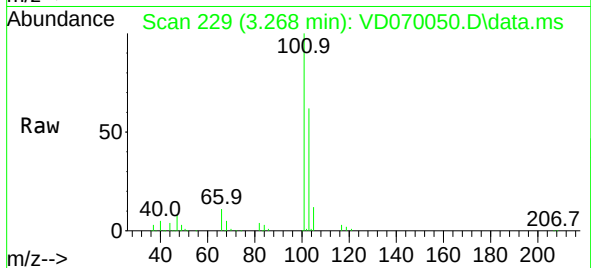
#7  
Trichlorofluoromethane  
Concen: 20.589 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion:101 Resp: 231927  
Ion Ratio Lower Upper  
101 100  
103 62.3 53.9 80.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

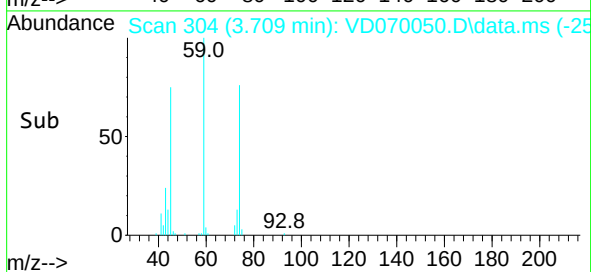
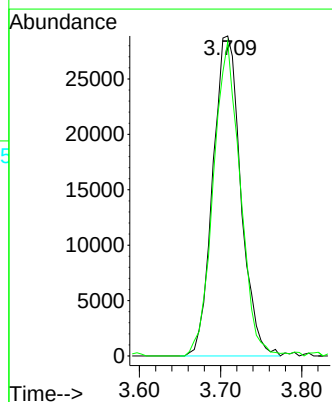
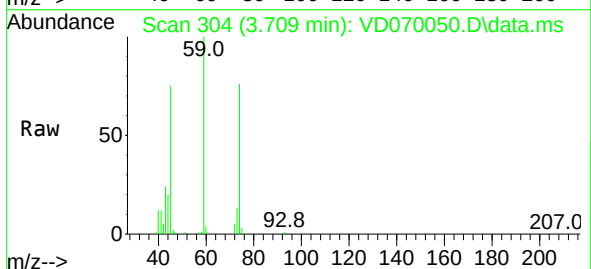
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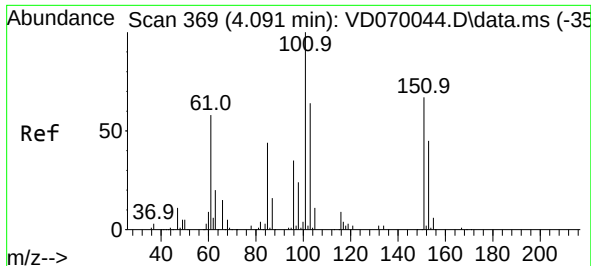


#8  
Diethyl Ether  
Concen: 21.437 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 74 Resp: 69108  
Ion Ratio Lower Upper  
74 100  
45 94.4 48.6 145.9







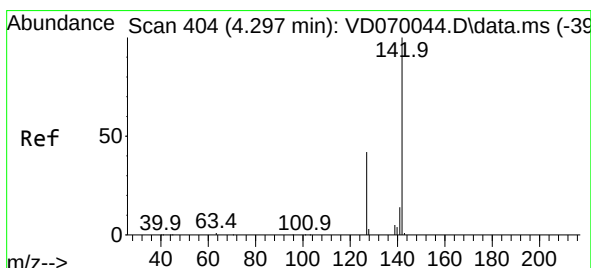
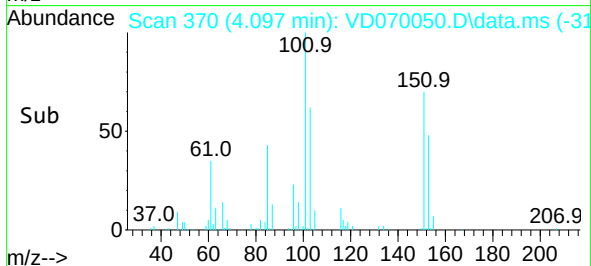
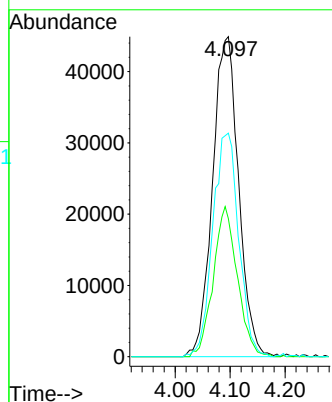
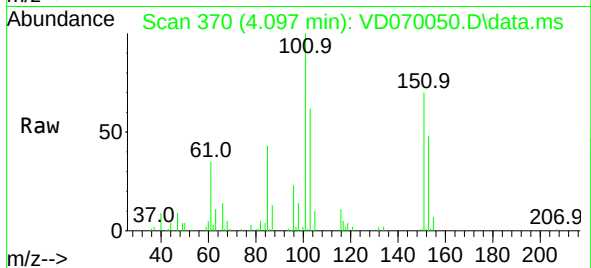
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.629 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 147839 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 43.4  | 34.6  | 52.0   |
| 151      | 69.6  | 55.0  | 82.6   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

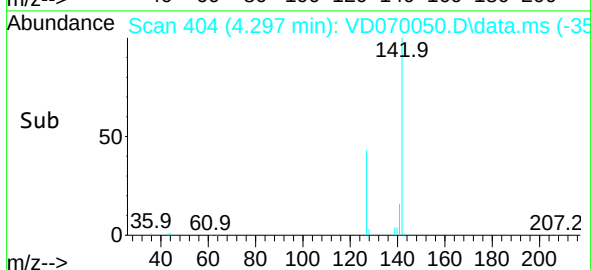
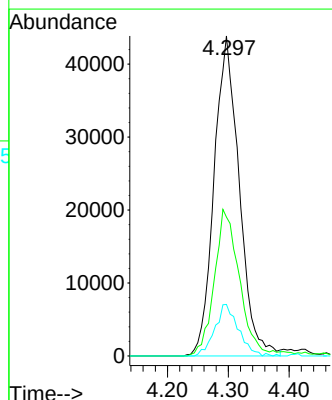
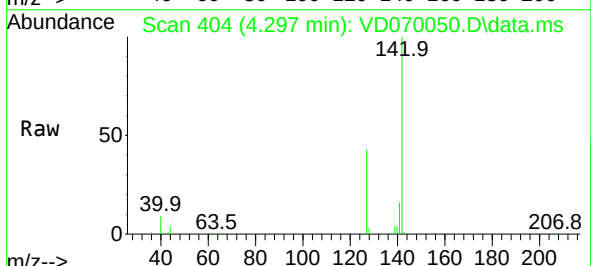
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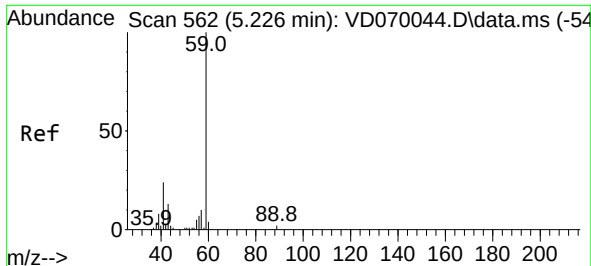
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#10  
Methyl Iodide  
Concen: 19.188 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

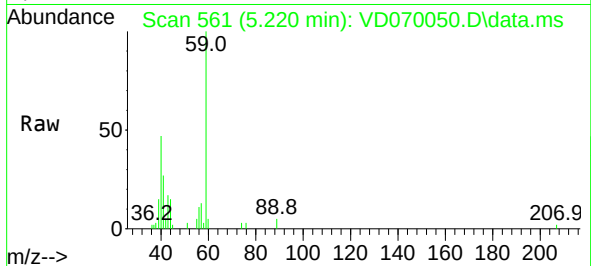
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 125729 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 45.8  | 35.4  | 53.0   |
| 141      | 15.1  | 12.1  | 18.1   |





#11  
Tert butyl alcohol  
Concen: 99.222 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

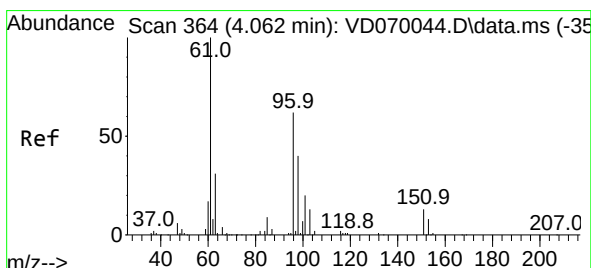
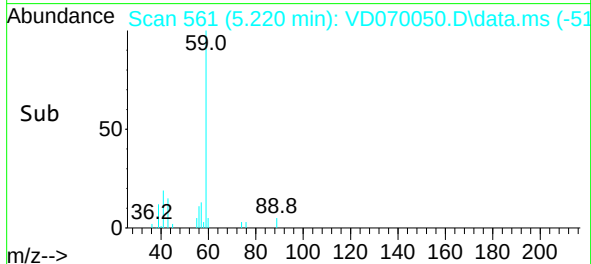
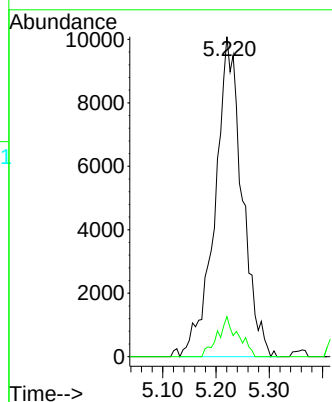
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01



Tgt Ion: 59 Resp: 35747  
Ion Ratio Lower Upper  
59 100  
57 9.4 8.8 13.2

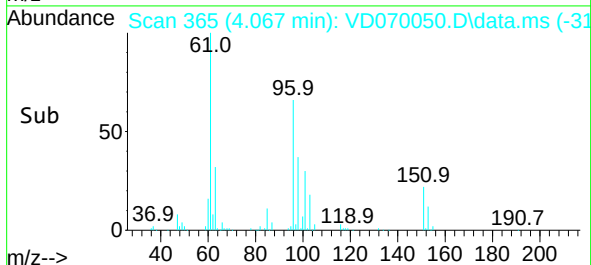
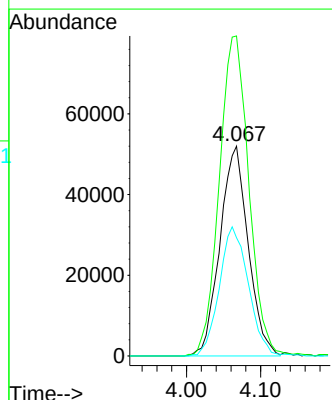
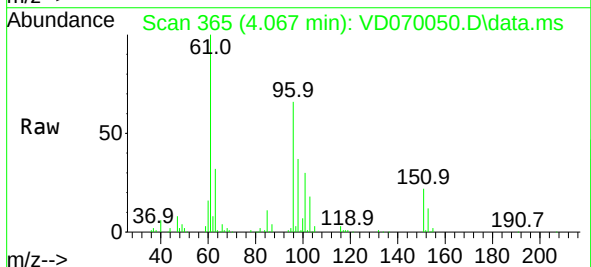
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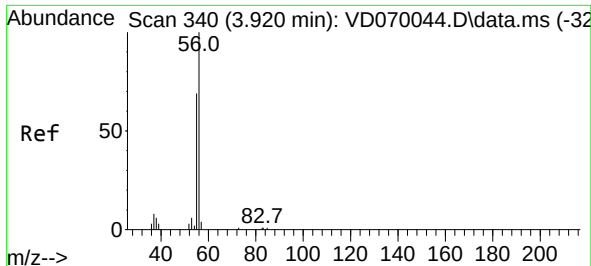
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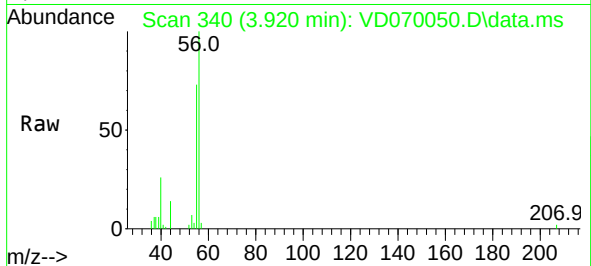
#12  
1,1-Dichloroethene  
Concen: 20.913 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 96 Resp: 137691  
Ion Ratio Lower Upper  
96 100  
61 152.6 129.1 193.7  
98 56.4 52.0 78.0

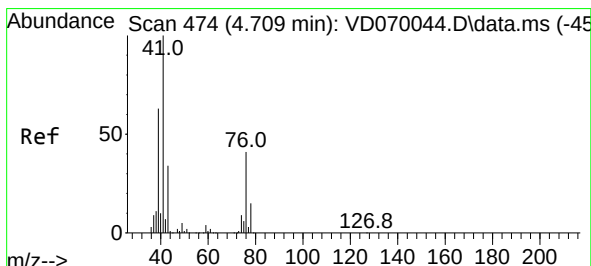
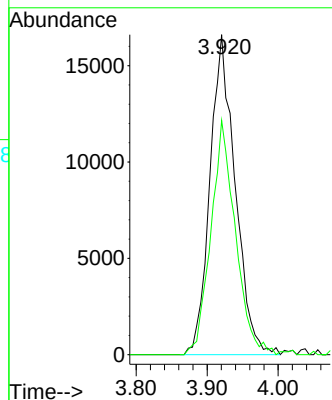
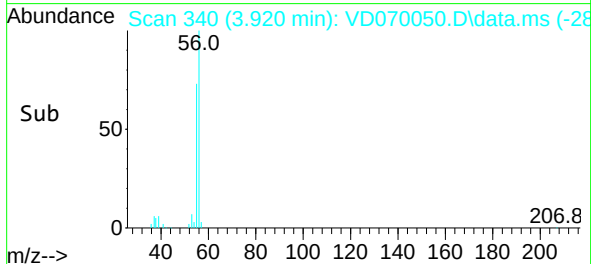




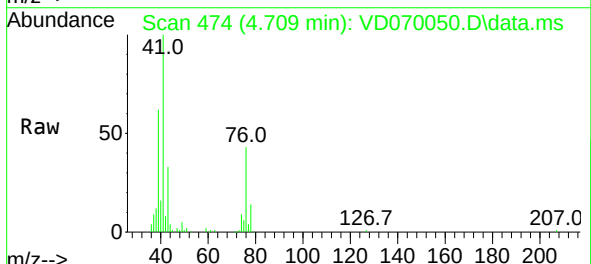
#13  
Acrolein  
Concen: 98.680 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



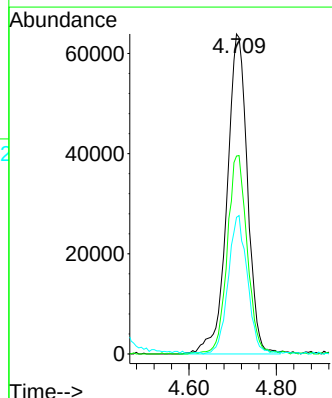
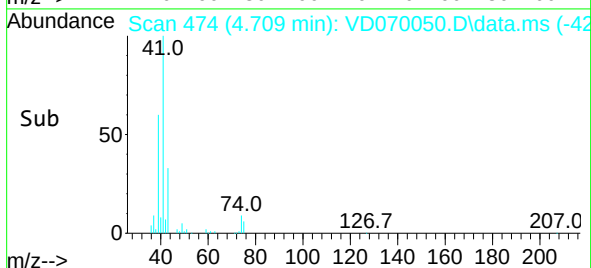
Tgt Ion: 56 Resp: 40951  
Ion Ratio Lower Upper  
56 100  
55 71.3 57.4 86.0



#14  
Allyl chloride  
Concen: 21.122 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



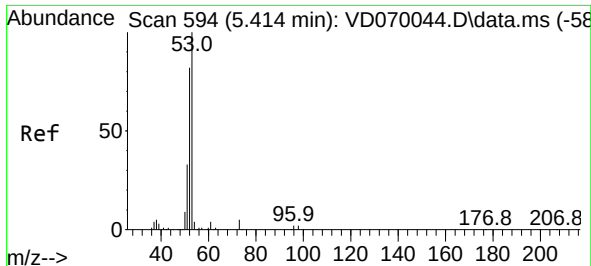
Tgt Ion: 41 Resp: 207500  
Ion Ratio Lower Upper  
41 100  
39 60.4 47.9 71.9  
76 40.9 31.6 47.4



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

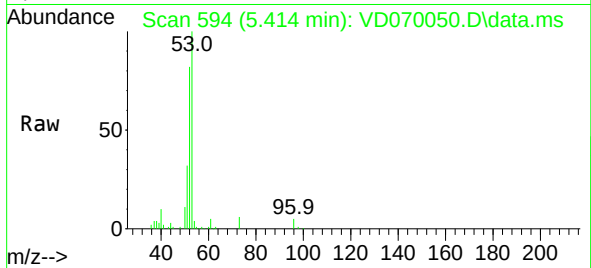
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#15  
Acrylonitrile  
Concen: 103.461 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

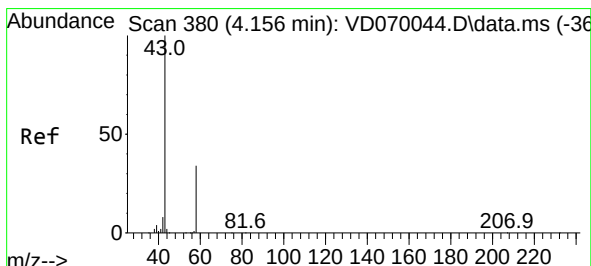
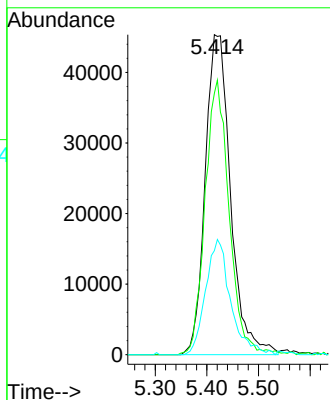
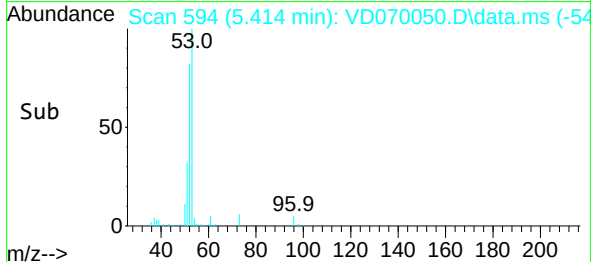
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01



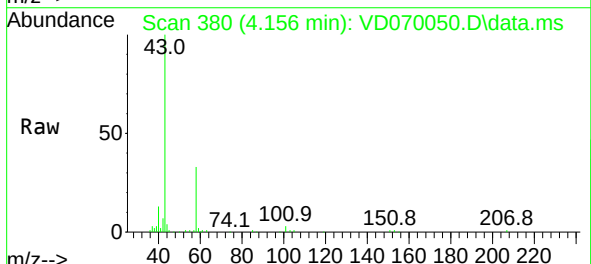
Tgt Ion: 53 Resp: 154658  
Ion Ratio Lower Upper  
53 100  
52 81.4 64.5 96.7  
51 35.5 28.2 42.4

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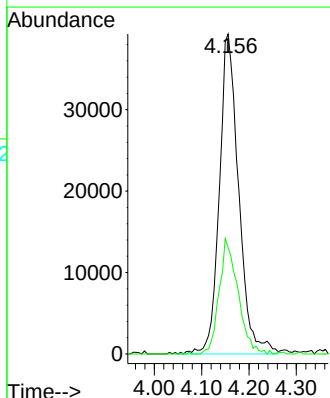
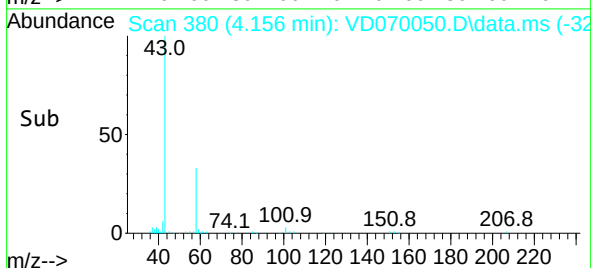
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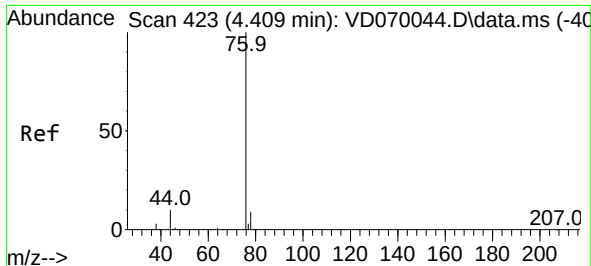


#16  
Acetone  
Concen: 92.807 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



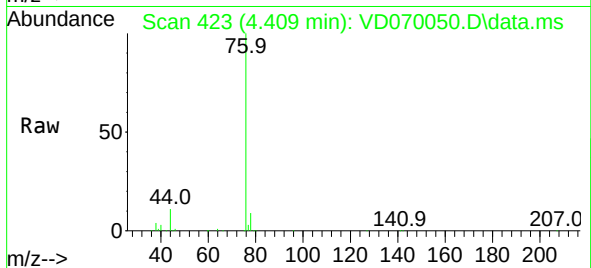
Tgt Ion: 43 Resp: 111437  
Ion Ratio Lower Upper  
43 100  
58 33.3 26.8 40.2





#17  
Carbon Disulfide  
Concen: 21.083 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

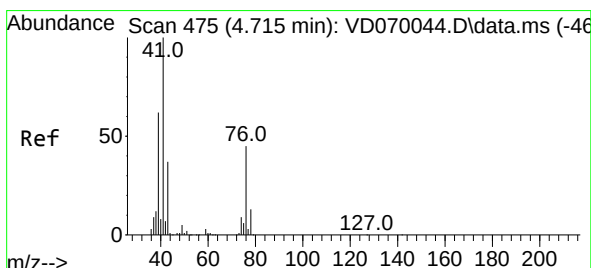
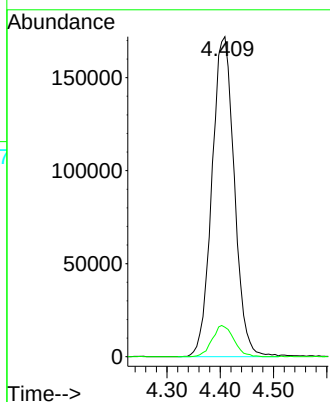
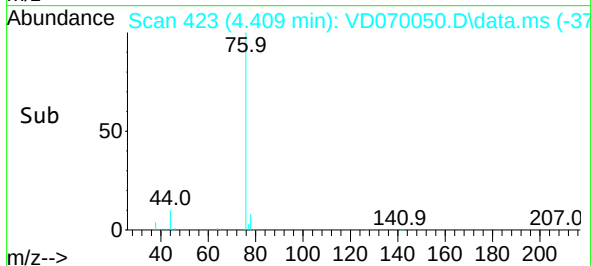
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01



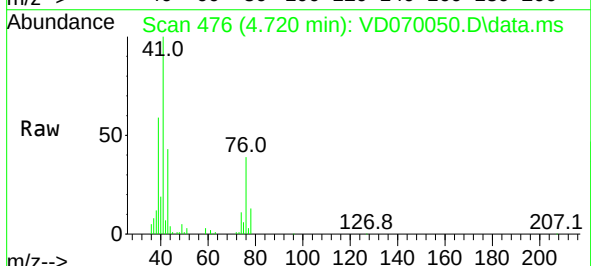
Tgt Ion: 76 Resp: 501873  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.1 10.7

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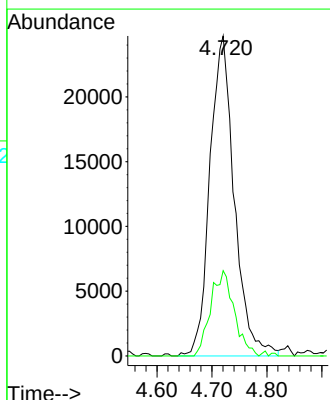
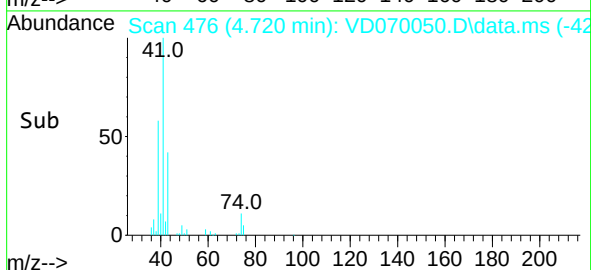
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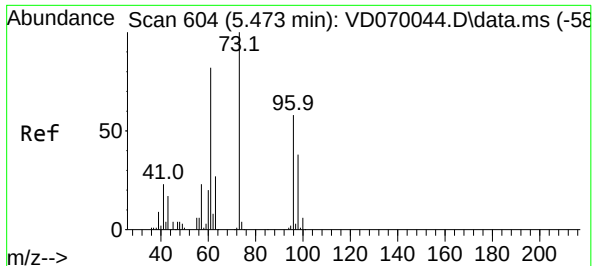


#18  
Methyl Acetate  
Concen: 21.299 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

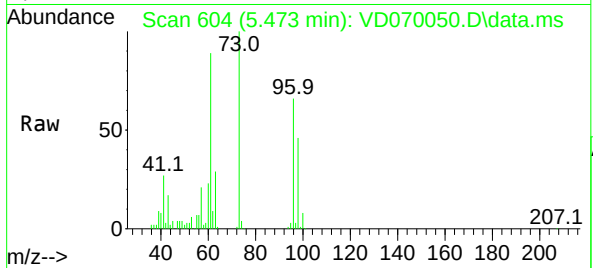


Tgt Ion: 43 Resp: 76250  
Ion Ratio Lower Upper  
43 100  
74 25.6 20.2 30.2

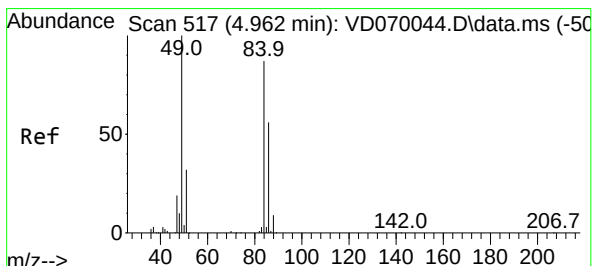
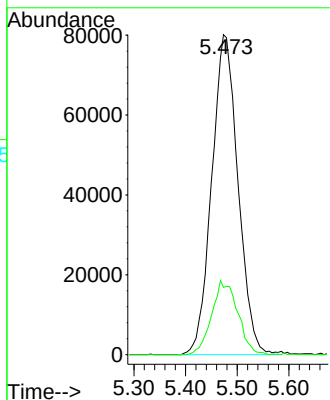
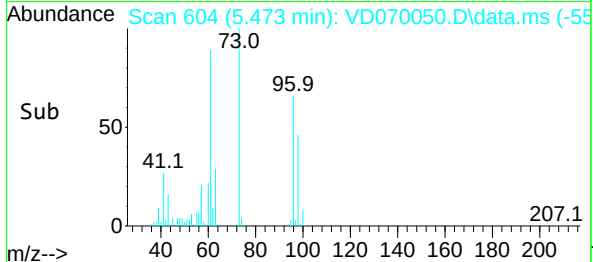




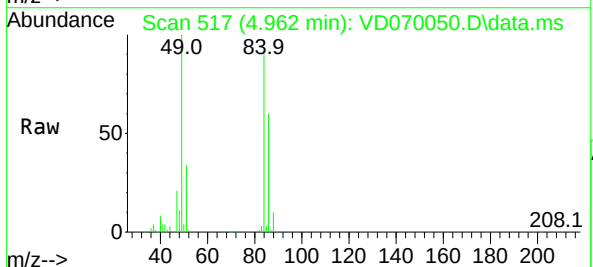
#19  
Methyl tert-butyl Ether  
Concen: 20.711 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



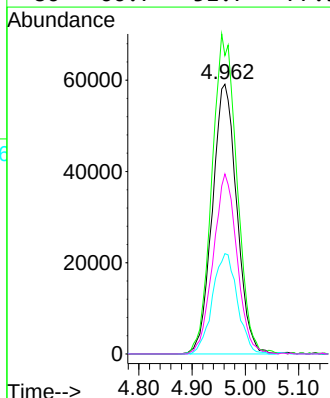
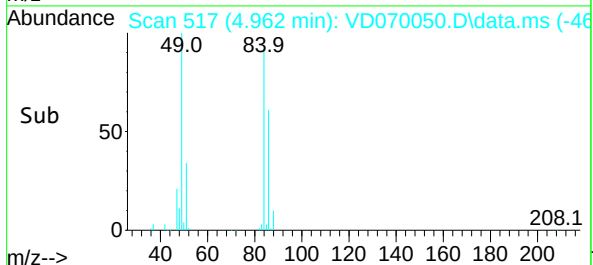
Tgt Ion: 73 Resp: 282997  
Ion Ratio Lower Upper  
73 100  
57 21.0 18.2 27.4



#20  
Methylene Chloride  
Concen: 17.787 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



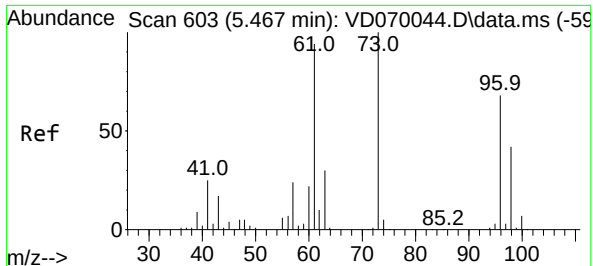
Tgt Ion: 84 Resp: 188535  
Ion Ratio Lower Upper  
84 100  
49 110.6 92.5 138.7  
51 37.2 29.7 44.5  
86 66.7 51.7 77.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

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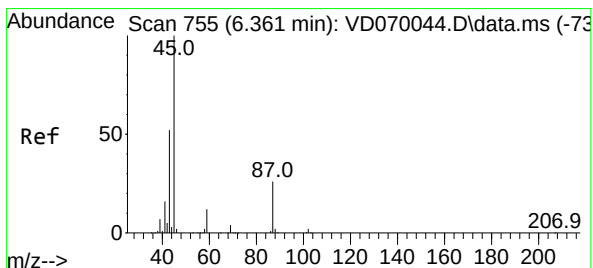
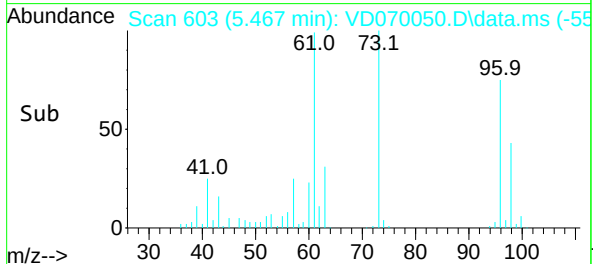
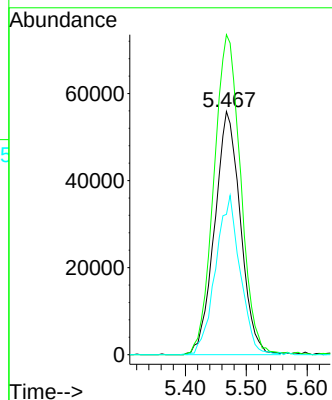
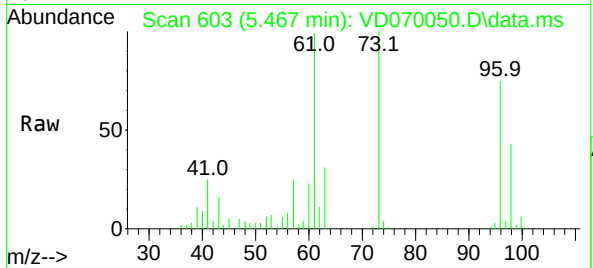
#21  
trans-1,2-Dichloroethene  
Concen: 21.510 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 96 Resp: 164505  
Ion Ratio Lower Upper  
96 100  
61 131.5 111.0 166.4  
98 57.7 49.0 73.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

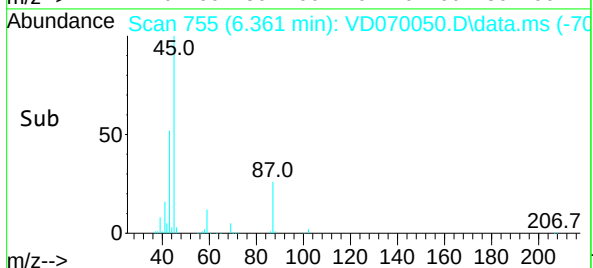
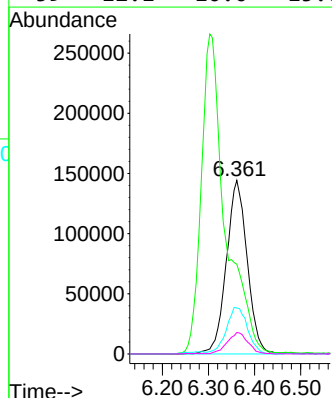
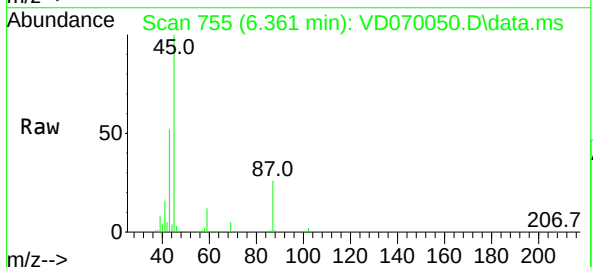
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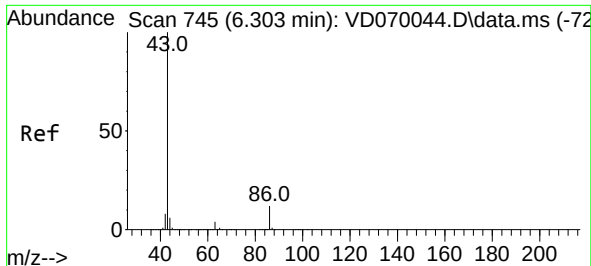
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#22  
Diisopropyl ether  
Concen: 21.927 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 45 Resp: 453047  
Ion Ratio Lower Upper  
45 100  
43 51.1 41.7 62.5  
87 26.5 21.0 31.4  
59 12.1 10.0 15.0





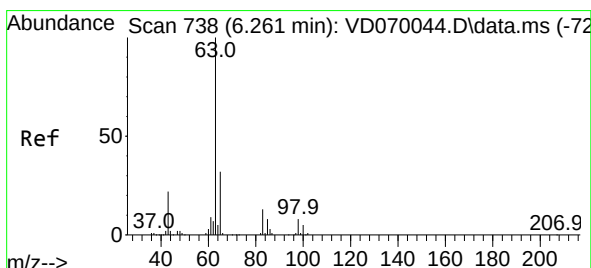
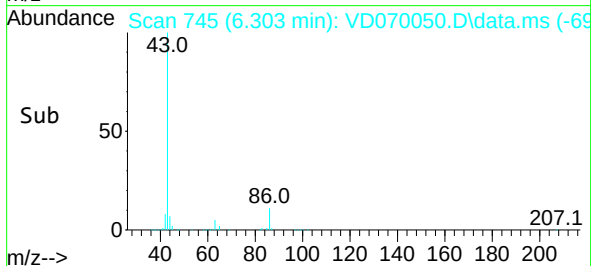
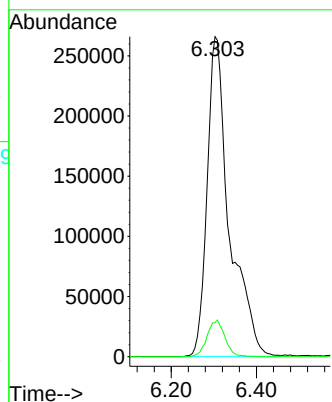
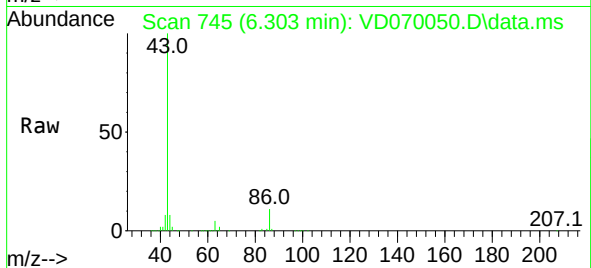
#23  
 Vinyl Acetate  
 Concen: 103.114 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. 0.000 min  
 Lab File: VD070050.D  
 Acq: 13 Aug 2021 15:22

Tgt Ion: 43 Resp: 965535  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 9.2 13.8

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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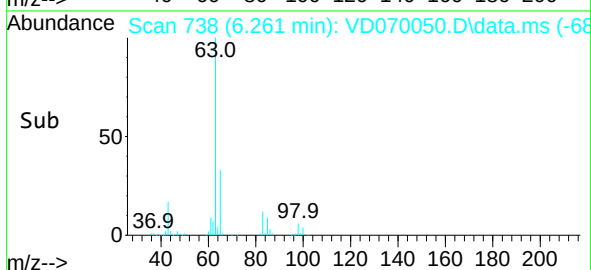
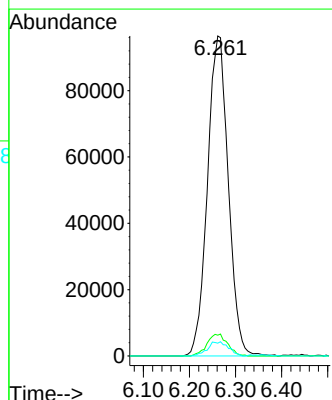
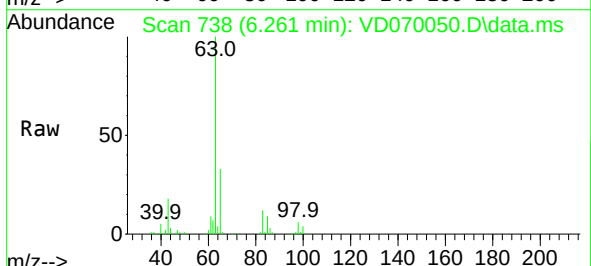
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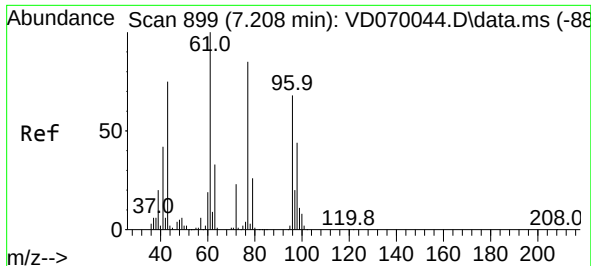


#24  
 1,1-Dichloroethane  
 Concen: 21.466 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD070050.D  
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Tgt Ion: 63 Resp: 303453  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.8 11.2  
 100 4.0 2.3 6.9





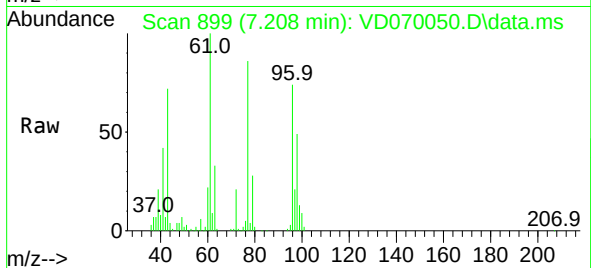


#25  
2-Butanone  
Concen: 100.197 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

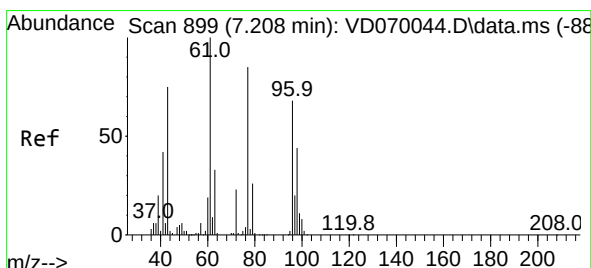
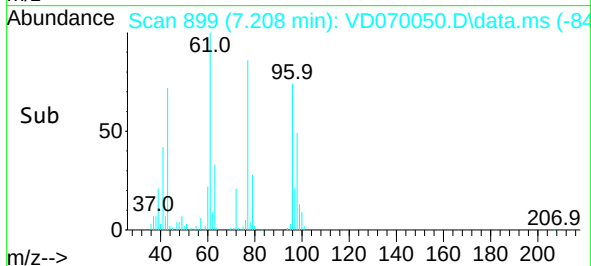
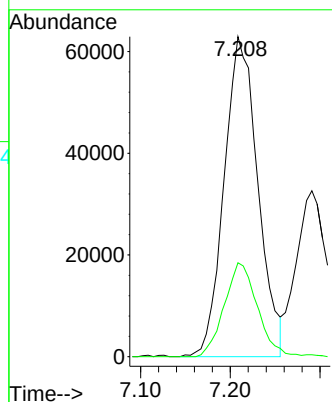
Instrument :  
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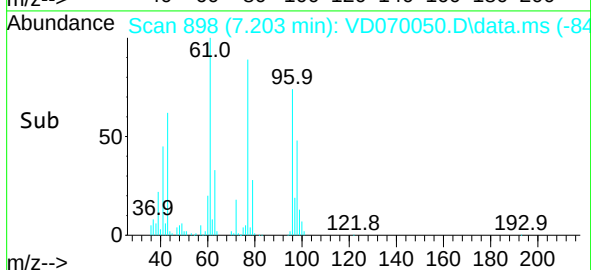
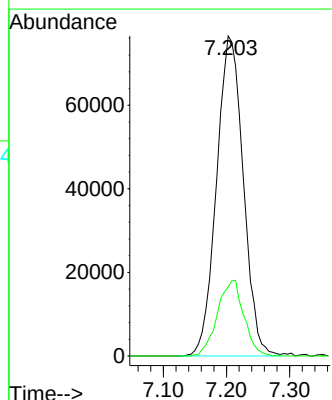
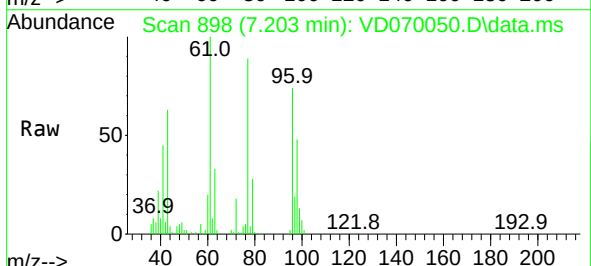


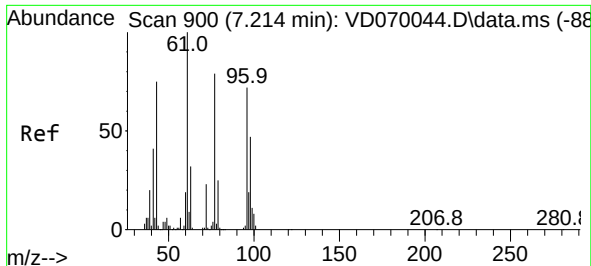
Tgt Ion: 43 Resp: 164396  
Ion Ratio Lower Upper  
43 100  
72 29.3 24.2 36.4



#26  
2,2-Dichloropropane  
Concen: 20.465 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

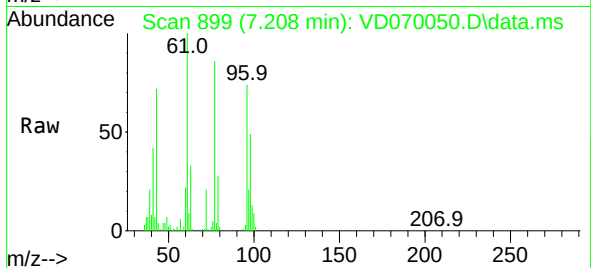
Tgt Ion: 77 Resp: 225256  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.9 35.5





#27  
 cis-1,2-Dichloroethene  
 Concen: 21.610 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: VD070050.D  
 Acq: 13 Aug 2021 15:22

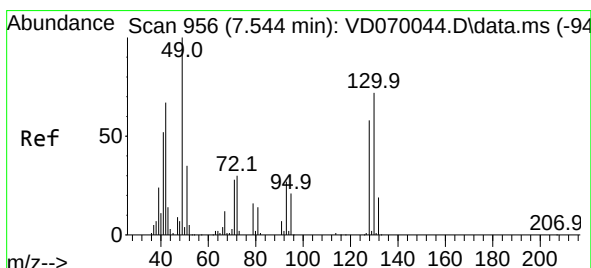
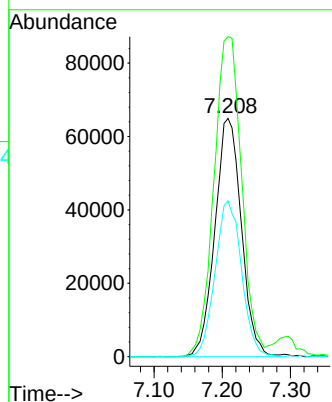
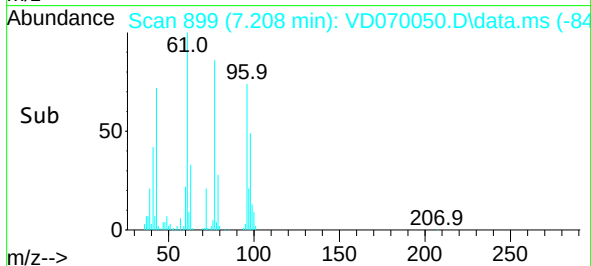
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0813SBS01



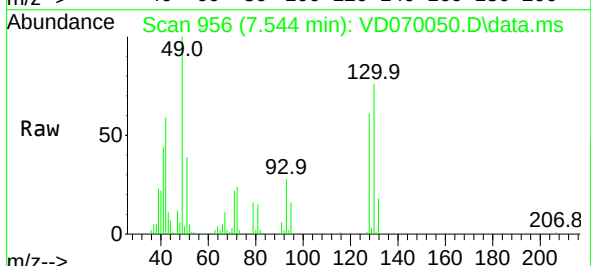
Tgt Ion: 96 Resp: 175512  
 Ion Ratio Lower Upper  
 96 100  
 61 141.0 0.0 288.2  
 98 65.2 0.0 129.6

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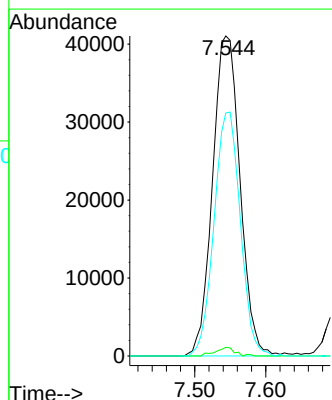
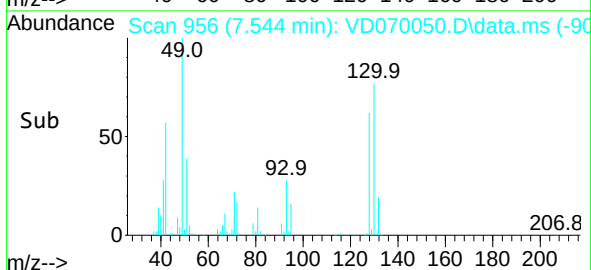
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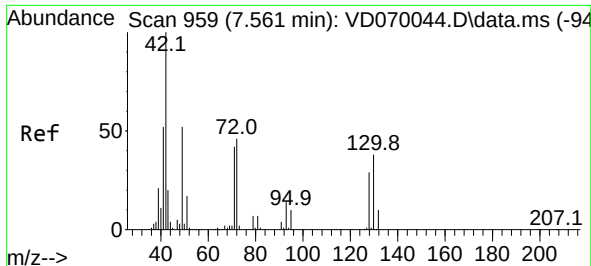


#28  
 Bromochloromethane  
 Concen: 21.433 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. 0.000 min  
 Lab File: VD070050.D  
 Acq: 13 Aug 2021 15:22



Tgt Ion: 49 Resp: 110258  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.0  
 130 72.8 57.6 86.4





#29

Tetrahydrofuran

Concen: 101.139 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070050.D

Acq: 13 Aug 2021 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 108660 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 45.3  | 37.5  | 56.3   |
| 71       | 41.7  | 33.6  | 50.4   |

Instrument :

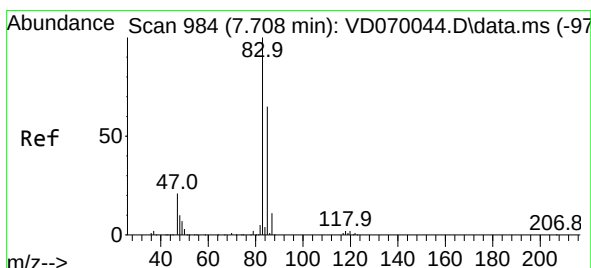
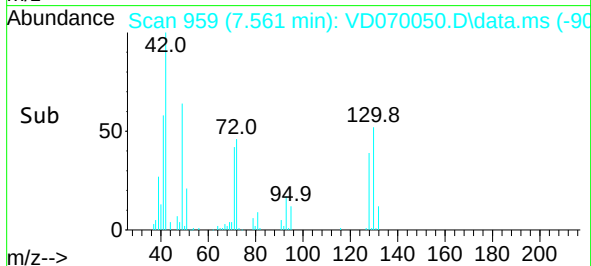
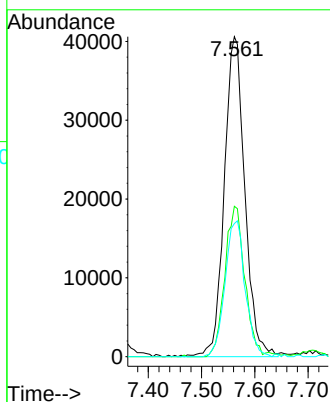
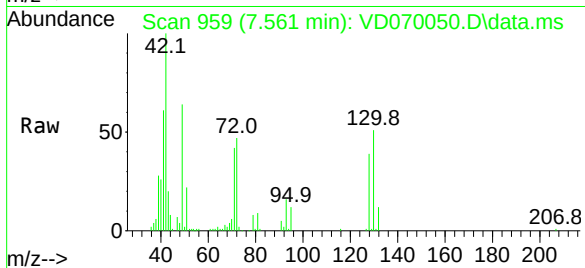
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#30

Chloroform

Concen: 21.013 ug/l

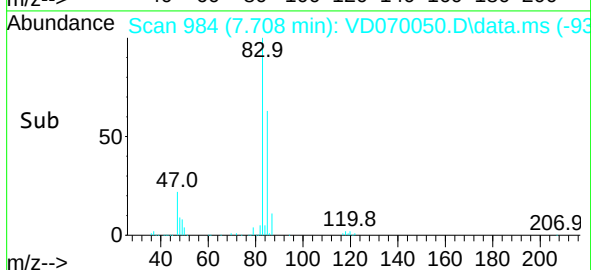
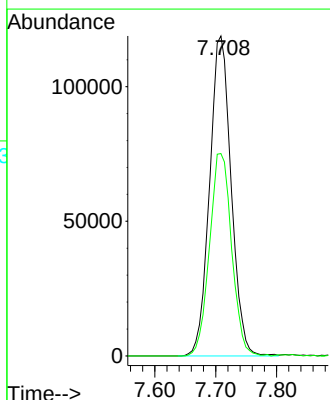
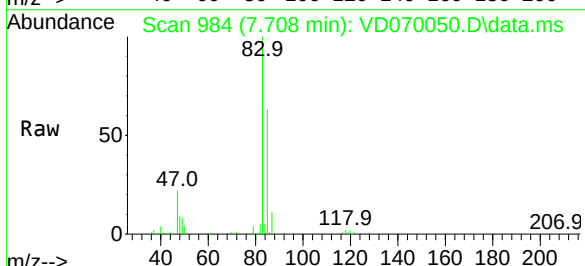
RT: 7.708 min Scan# 984

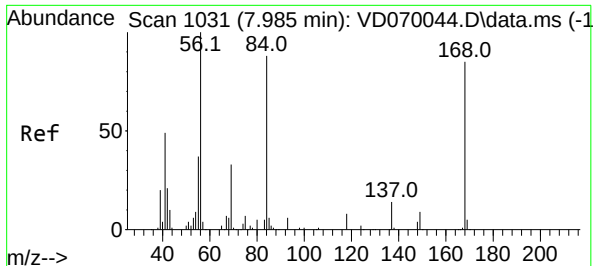
Delta R.T. 0.000 min

Lab File: VD070050.D

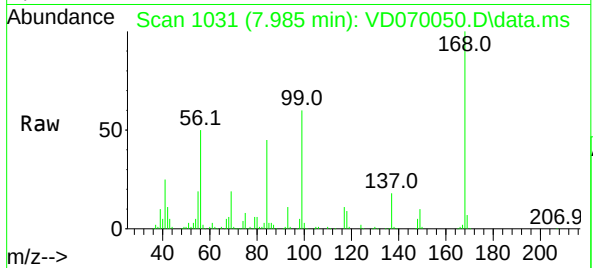
Acq: 13 Aug 2021 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 292125 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.3  | 51.8  | 77.8   |

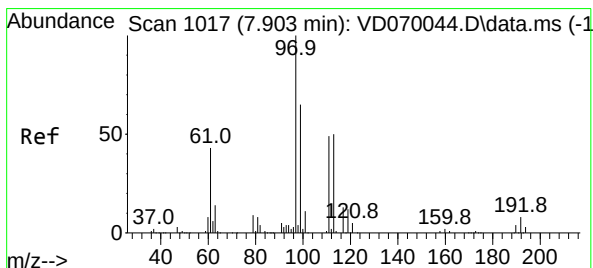
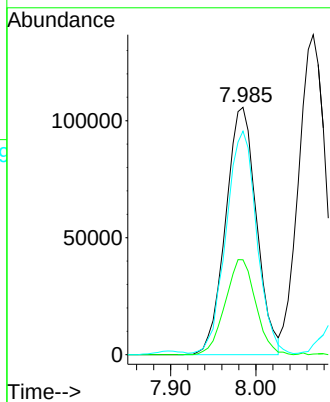
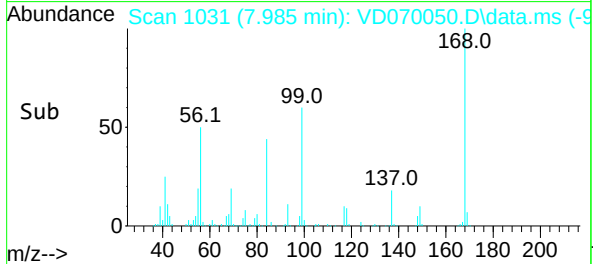




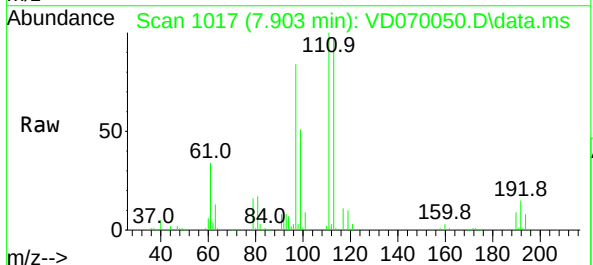
#31  
Cyclohexane  
Concen: 20.671 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



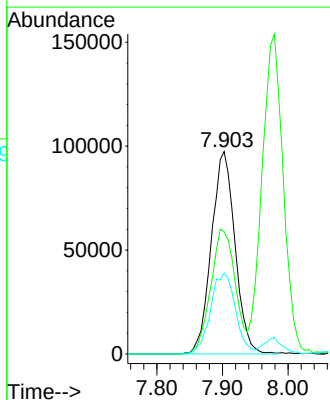
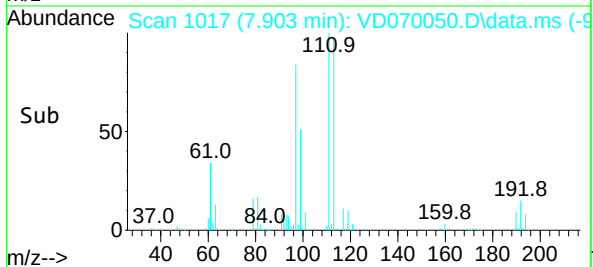
Tgt Ion: 56 Resp: 266680  
Ion Ratio Lower Upper  
56 100  
69 38.4 26.7 40.1  
84 89.0 70.4 105.6



#32  
1,1,1-Trichloroethane  
Concen: 20.974 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



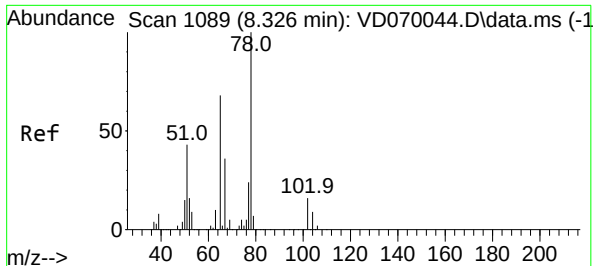
Tgt Ion: 97 Resp: 243662  
Ion Ratio Lower Upper  
97 100  
99 64.4 52.4 78.6  
61 42.1 34.4 51.6



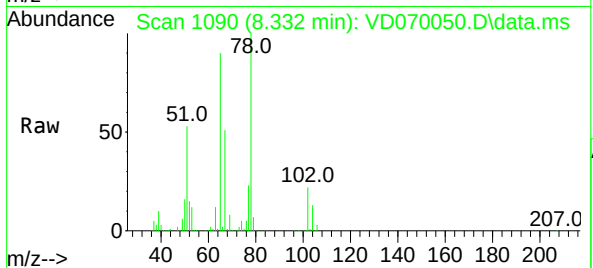
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

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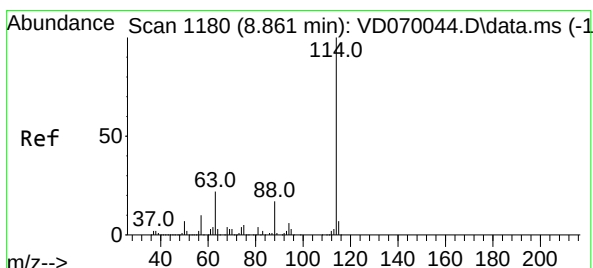
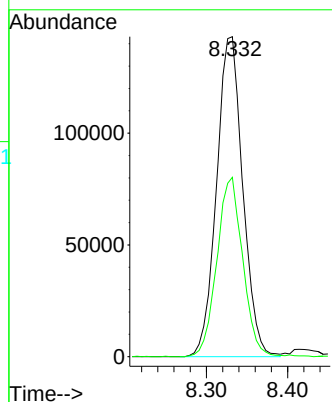
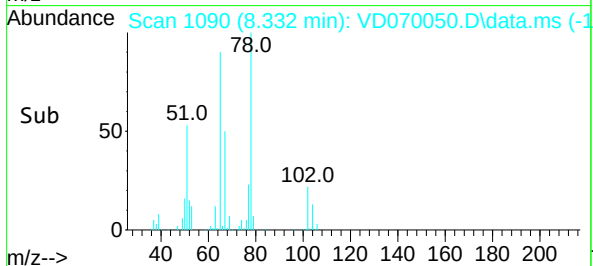
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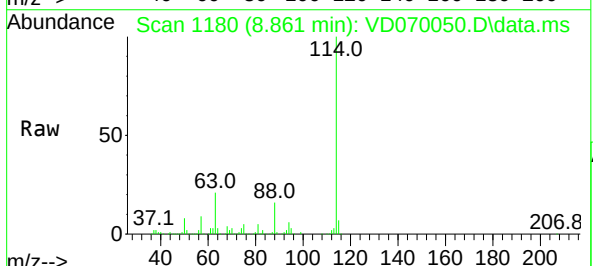
#33  
1,2-Dichloroethane-d4  
Concen: 49.318 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



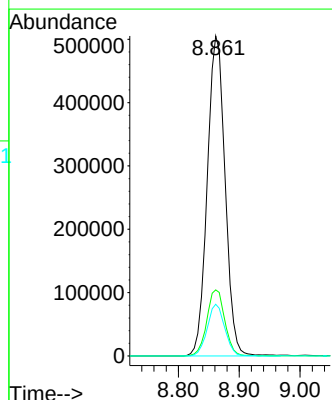
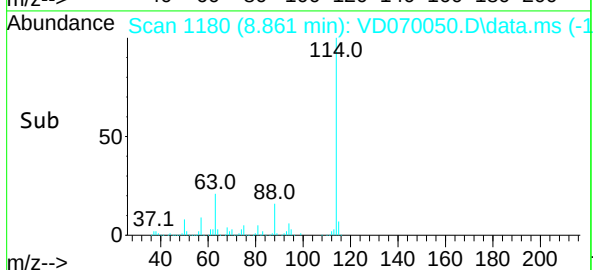
Tgt Ion: 65 Resp: 321461  
Ion Ratio Lower Upper  
65 100  
67 55.2 0.0 107.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



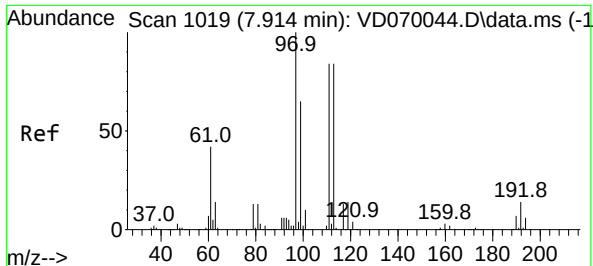
Tgt Ion: 114 Resp: 1029697  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 43.6  
88 16.1 0.0 33.4



Instrument :  
MSVOA\_D  
ClientSampleId :  
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#35

Dibromofluoromethane

Concen: 49.038 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070050.D

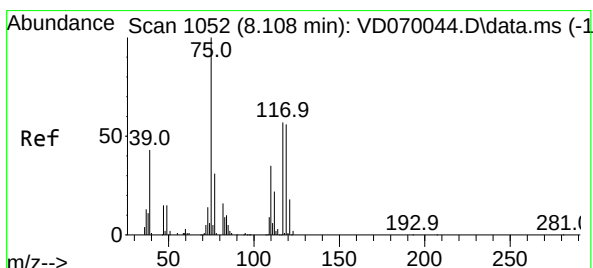
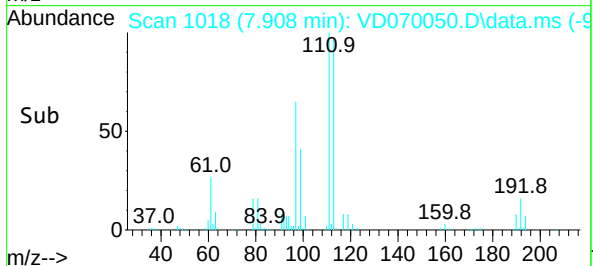
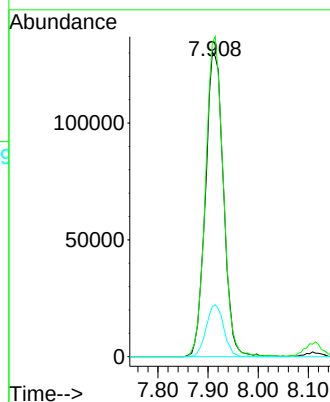
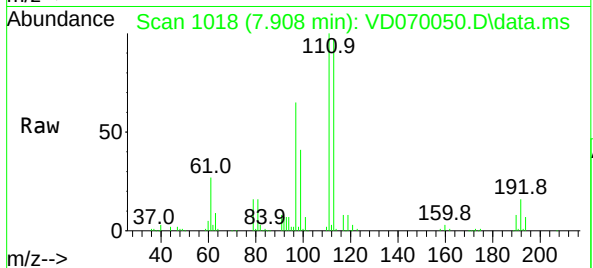
Acq: 13 Aug 2021 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 326228 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.5 | 81.8  | 122.6  |
| 192      | 16.6  | 13.2  | 19.8   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
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#36

1,1-Dichloropropene

Concen: 20.267 ug/l

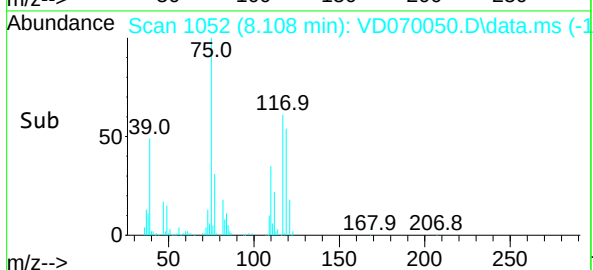
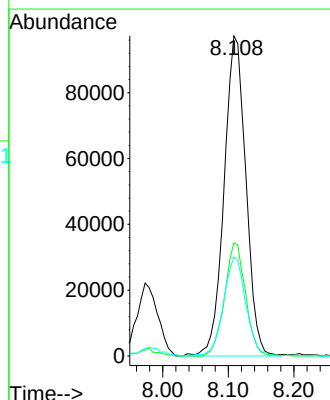
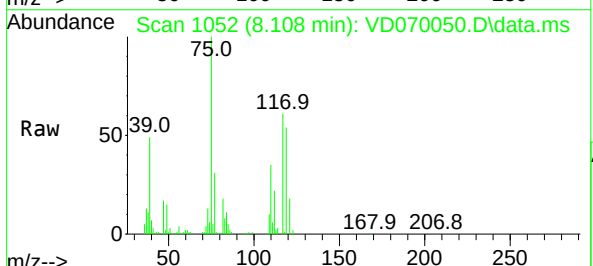
RT: 8.108 min Scan# 1052

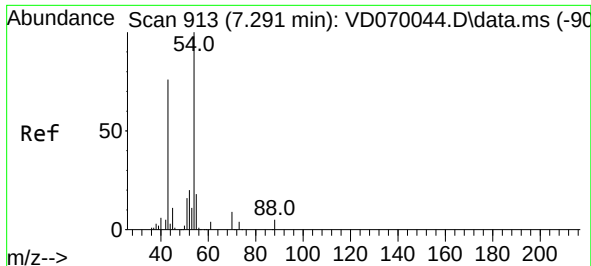
Delta R.T. 0.000 min

Lab File: VD070050.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 224501 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 33.9  | 16.9  | 50.7   |
| 77       | 31.6  | 25.2  | 37.8   |





#37

Ethyl Acetate

Concen: 20.714 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD070050.D

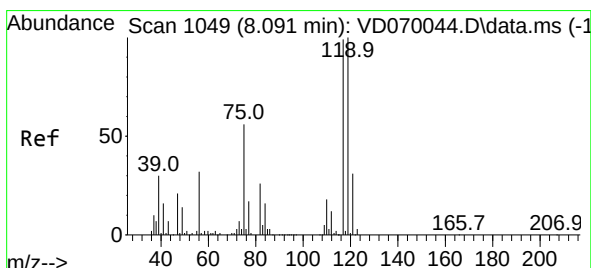
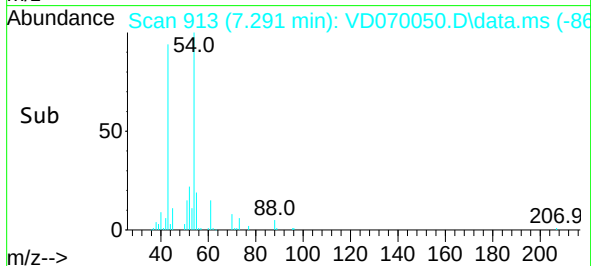
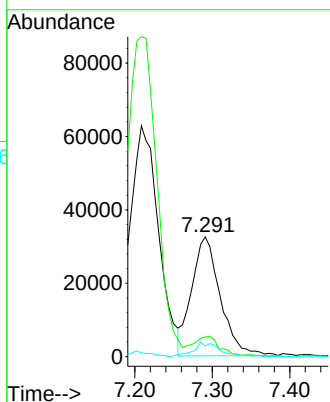
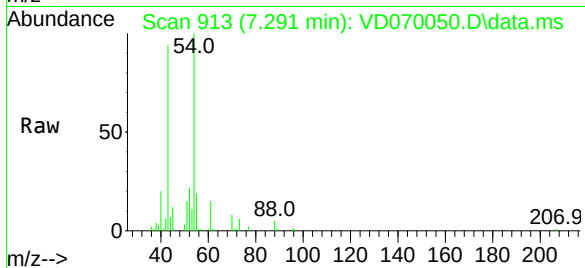
Acq: 13 Aug 2021 15:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 83345 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.9  | 11.8  | 17.6  |
| 70       | 11.2  | 9.0   | 13.6  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

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#38

Carbon Tetrachloride

Concen: 20.109 ug/l

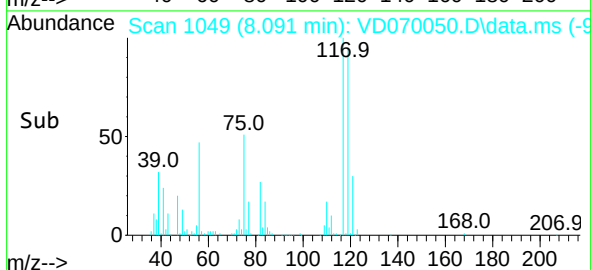
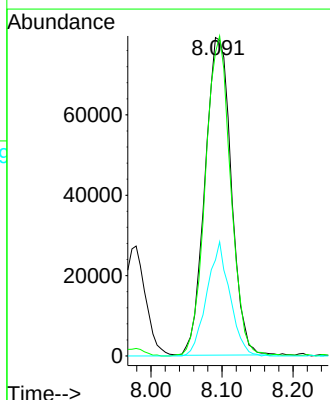
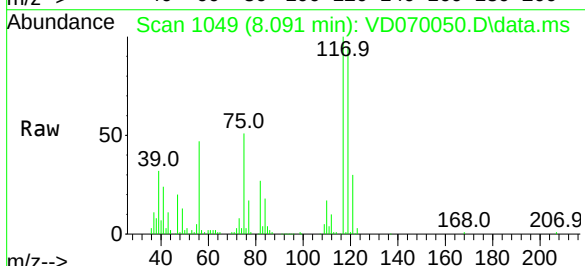
RT: 8.091 min Scan# 1049

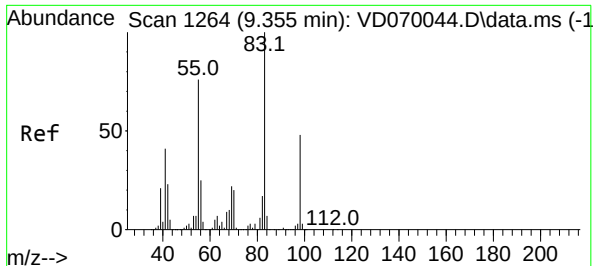
Delta R.T. 0.000 min

Lab File: VD070050.D

Acq: 13 Aug 2021 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 202231 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.2  | 81.0  | 121.6  |
| 121      | 30.3  | 25.0  | 37.6   |





#39

Methylcyclohexane

Concen: 19.966 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD070050.D

Acq: 13 Aug 2021 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 257514 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 76.2  | 60.7  | 91.1   |
| 98       | 51.3  | 38.6  | 58.0   |

Instrument :

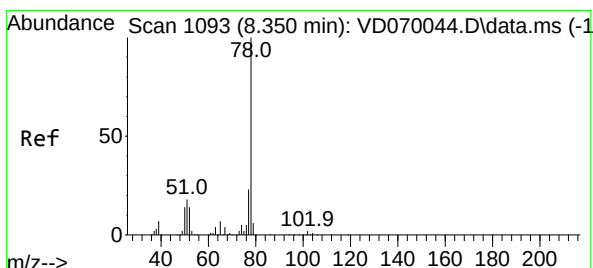
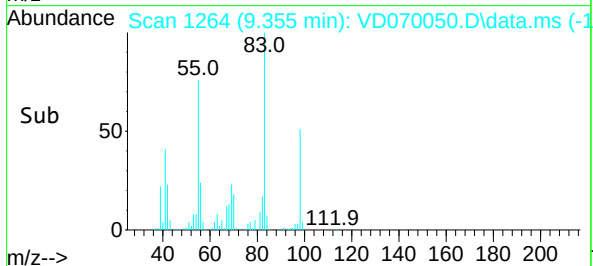
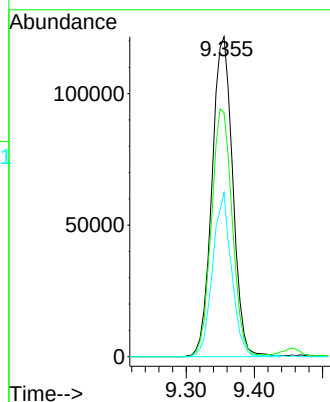
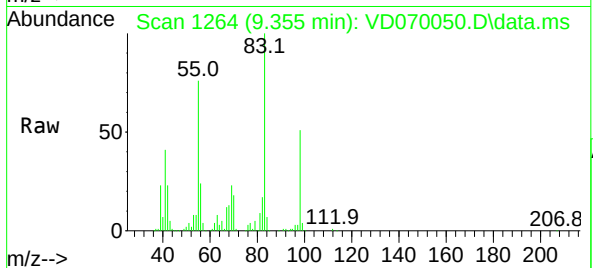
MSVOA\_D

ClientSampleId :

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#40

Benzene

Concen: 20.769 ug/l

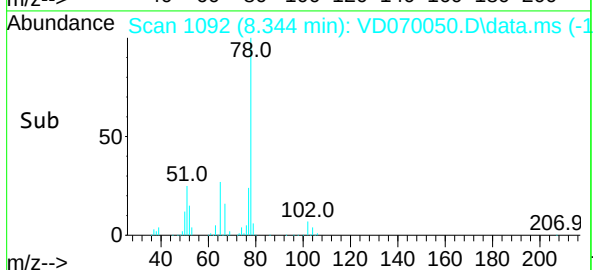
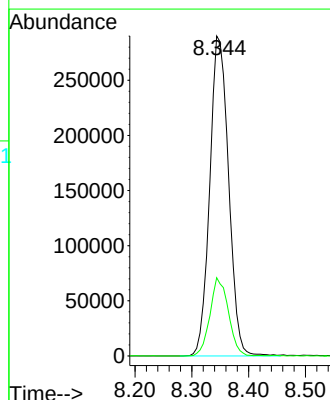
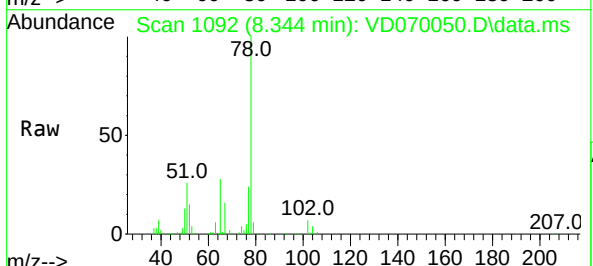
RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

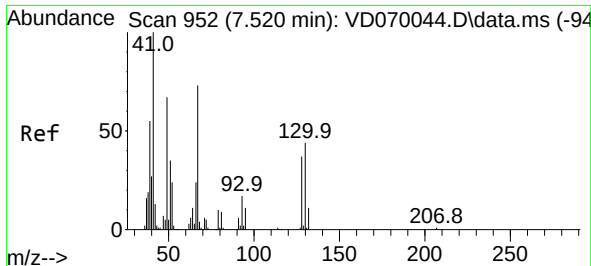
Lab File: VD070050.D

Acq: 13 Aug 2021 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 667314 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.5  | 18.6  | 27.8   |







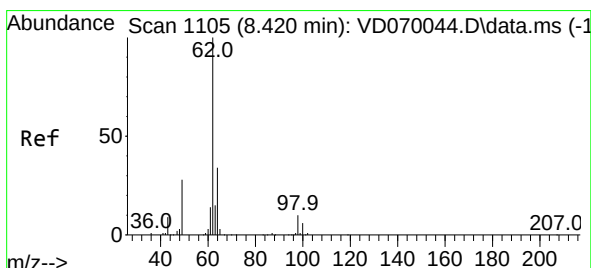
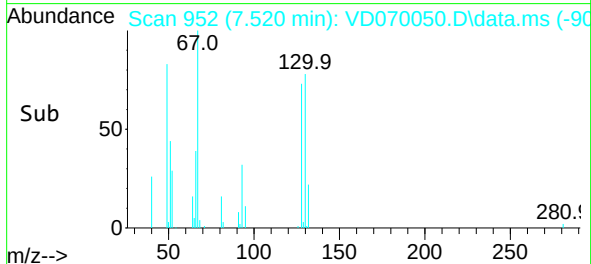
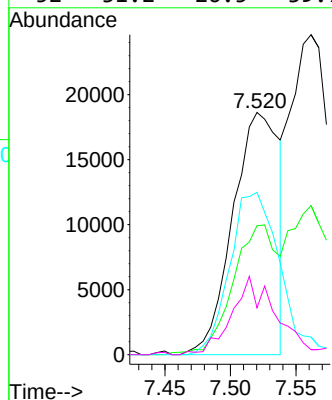
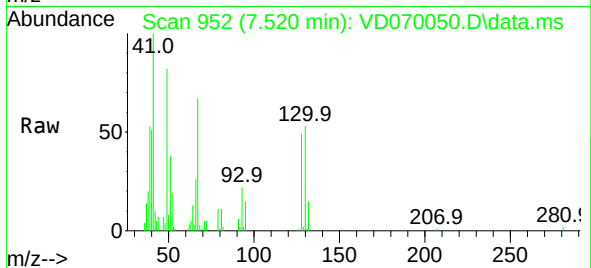
#41  
Methacrylonitrile  
Concen: 20.950 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 45573 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.7  | 47.7  | 71.5  |
| 67       | 73.0  | 68.2  | 102.2 |
| 52       | 31.2  | 26.5  | 39.7  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

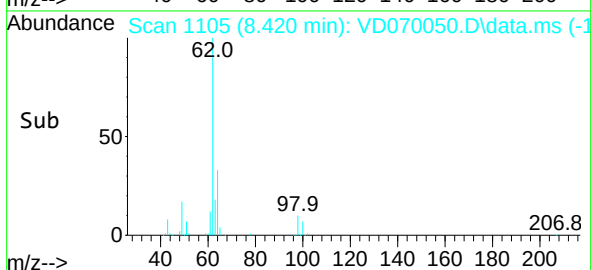
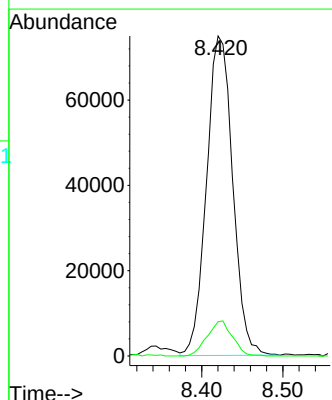
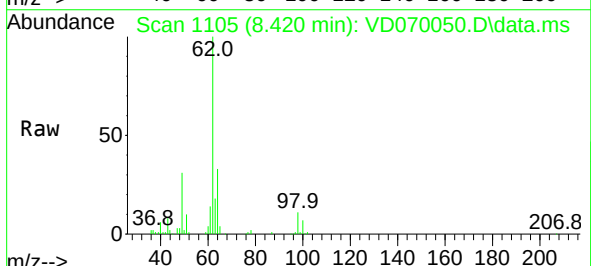
Manual Integrations  
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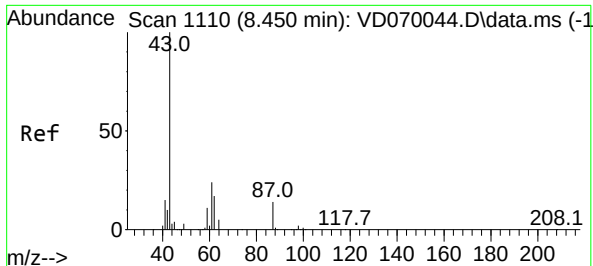
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#42  
1,2-Dichloroethane  
Concen: 20.367 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

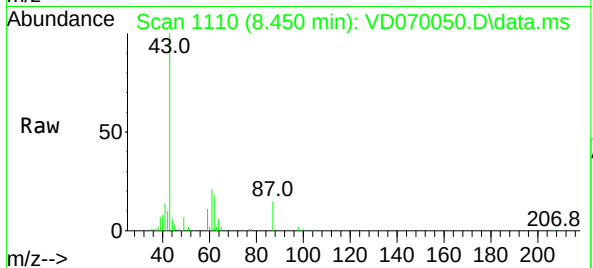
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 167712 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.6  | 0.0   | 20.2   |





#43  
Isopropyl Acetate  
Concen: 19.810 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

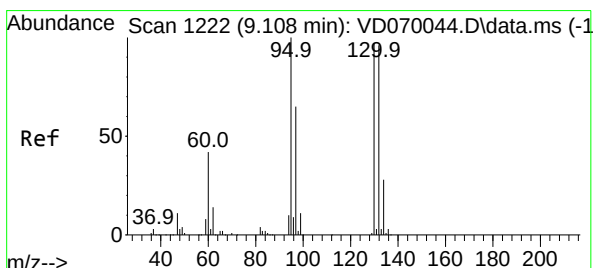
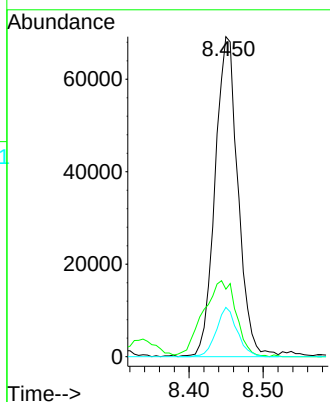
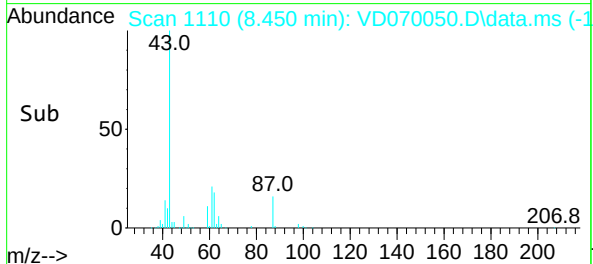
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01



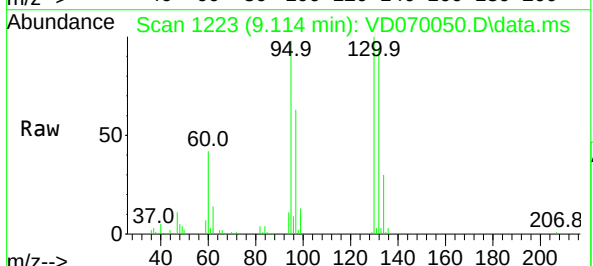
Tgt Ion: 43 Resp: 148810  
Ion Ratio Lower Upper  
43 100  
61 34.2 27.7 41.5  
87 14.0 11.5 17.3

Manual Integrations  
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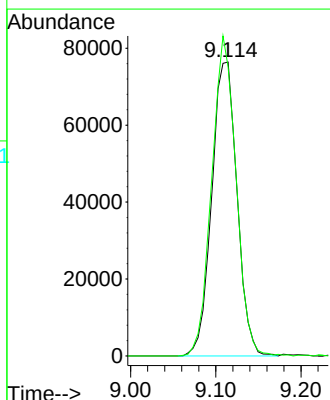
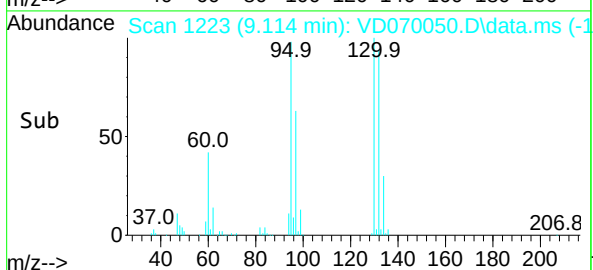
MMDadoda  
8/16/2021 5:05:03 PM

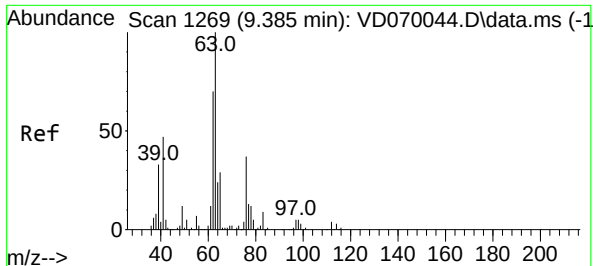


#44  
Trichloroethene  
Concen: 20.350 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



Tgt Ion:130 Resp: 157948  
Ion Ratio Lower Upper  
130 100  
95 98.3 0.0 206.4





#45

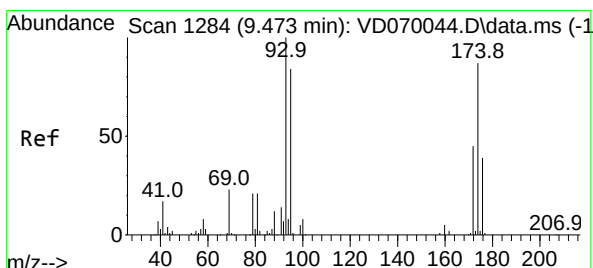
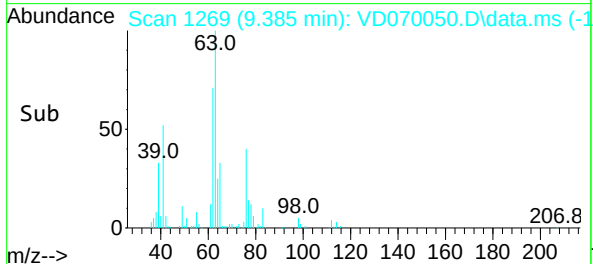
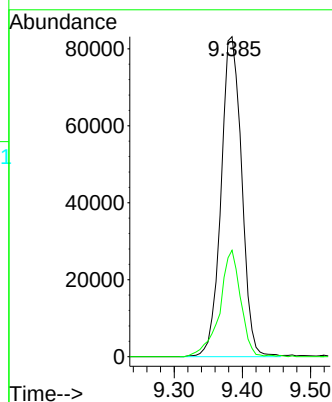
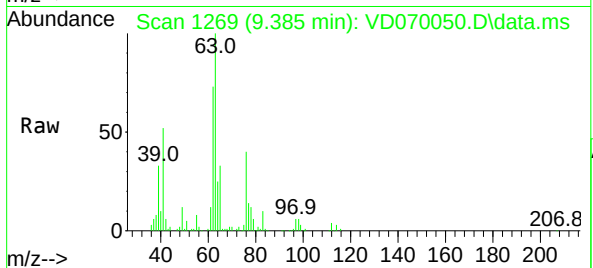
1,2-Dichloropropane  
Concen: 20.972 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 63 Resp: 175024  
Ion Ratio Lower Upper  
63 100  
65 33.2 23.4 35.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

Manual Integrations  
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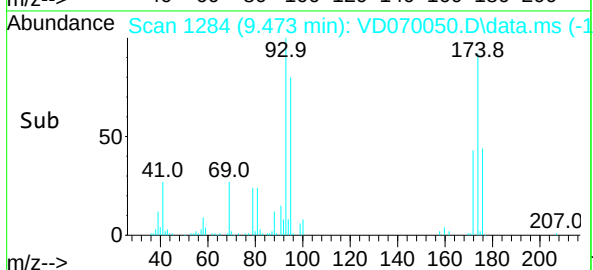
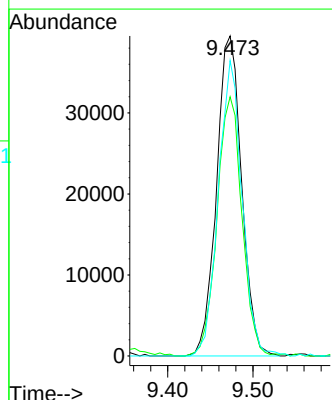
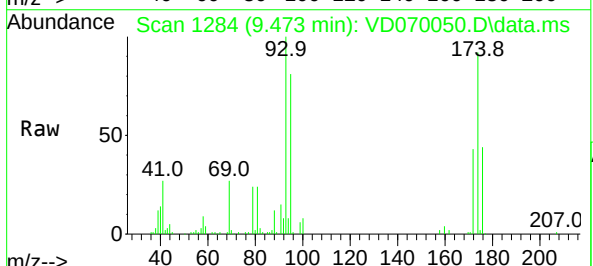
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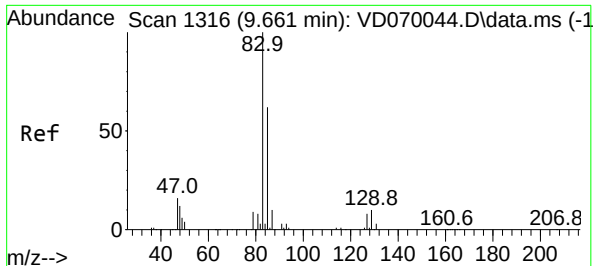


#46

Dibromomethane  
Concen: 19.950 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

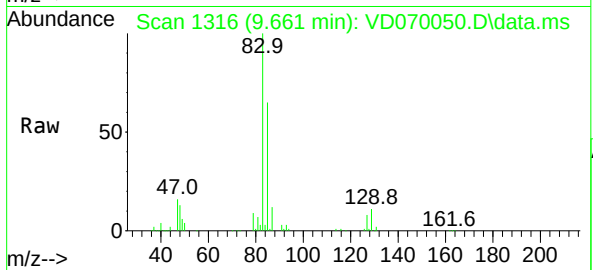
Tgt Ion: 93 Resp: 80869  
Ion Ratio Lower Upper  
93 100  
95 80.7 68.1 102.1  
174 87.6 68.2 102.4





#47  
Bromodichloromethane  
Concen: 20.186 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

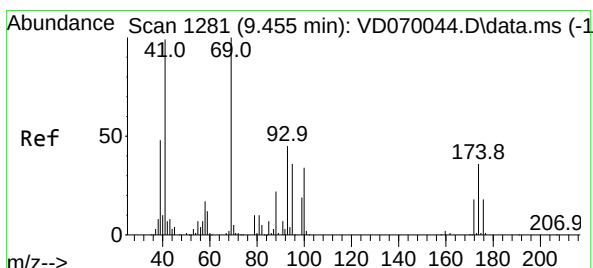
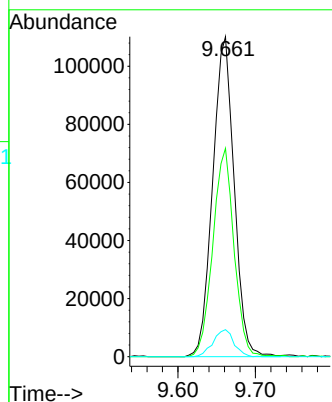
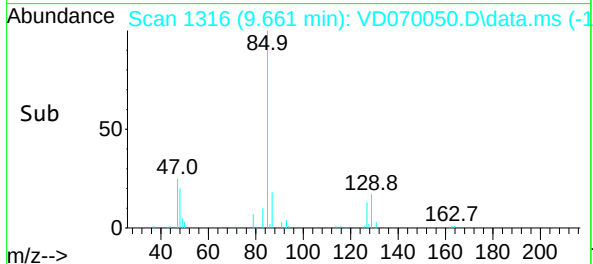
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01



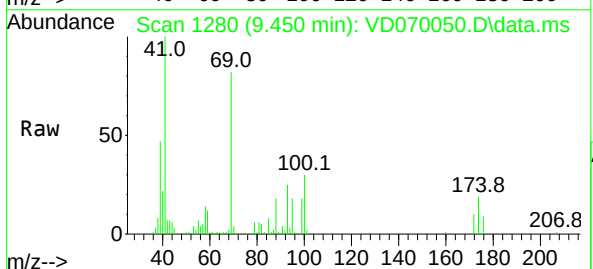
Tgt Ion: 83 Resp: 211706  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.6 74.4  
127 8.5 6.8 10.2

Manual Integrations  
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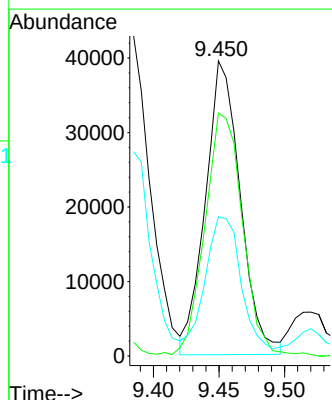
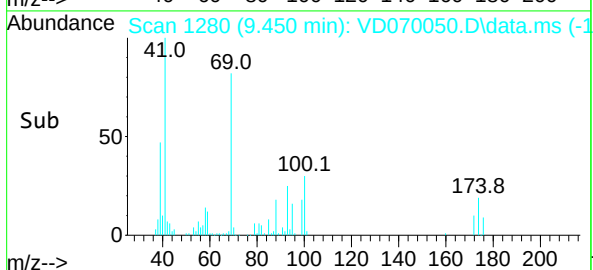
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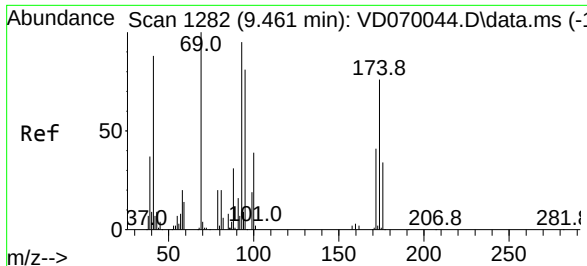


#48  
Methyl methacrylate  
Concen: 20.383 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



Tgt Ion: 41 Resp: 73013  
Ion Ratio Lower Upper  
41 100  
69 89.5 74.6 111.8  
39 44.7 35.9 53.9





#49

1,4-Dioxane

Concen: 421.612 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD070050.D

Acq: 13 Aug 2021 15:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 18599 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 31.6  | 25.8  | 38.6  |
| 58        | 72.1  | 57.4  | 86.2  |

Instrument :

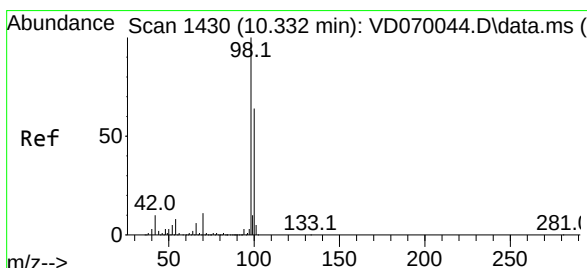
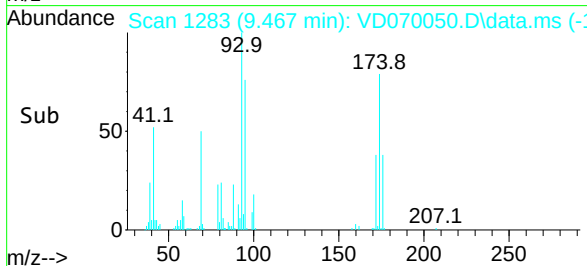
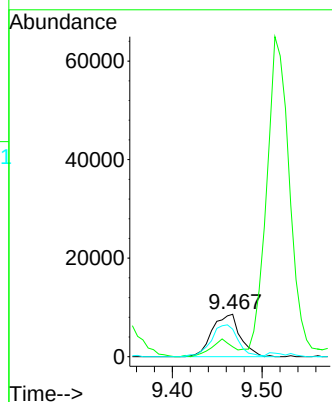
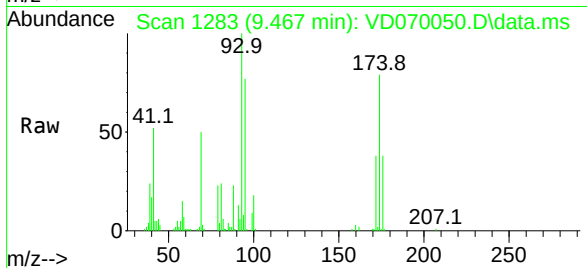
MSVOA\_D

ClientSampleId :

VD0813SBS01

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#50

Toluene-d8

Concen: 49.951 ug/l

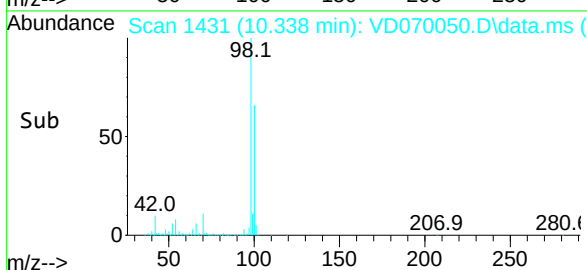
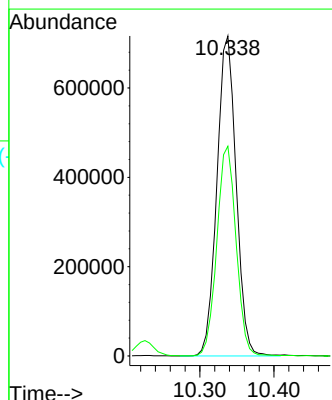
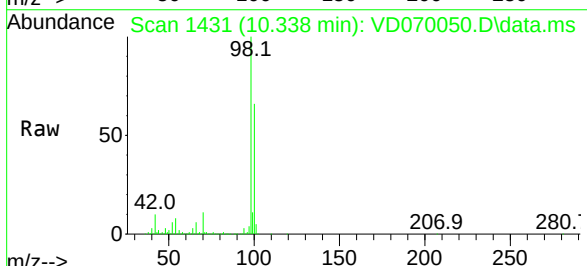
RT: 10.338 min Scan# 1431

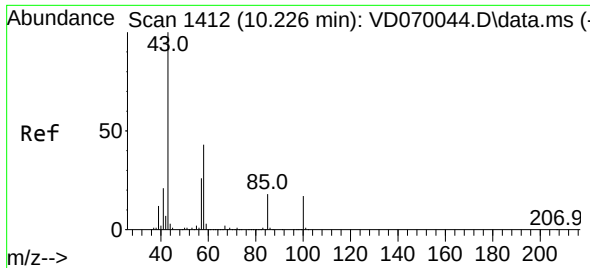
Delta R.T. 0.006 min

Lab File: VD070050.D

Acq: 13 Aug 2021 15:22

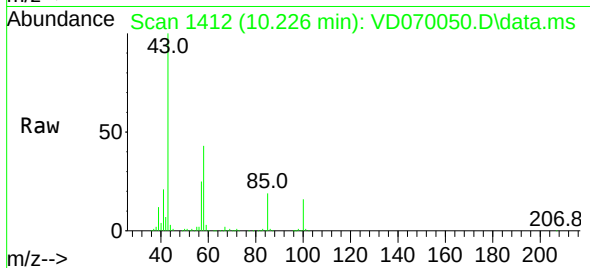
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 98    | Resp: | 1292454 |
| Ion Ratio | Lower | Upper |         |
| 98        | 100   |       |         |
| 100       | 65.5  | 52.6  | 78.8    |





#51  
4-Methyl-2-Pentanone  
Concen: 98.703 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

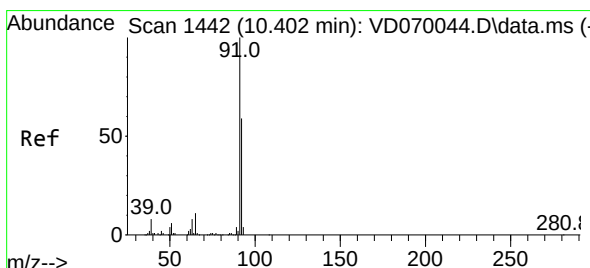
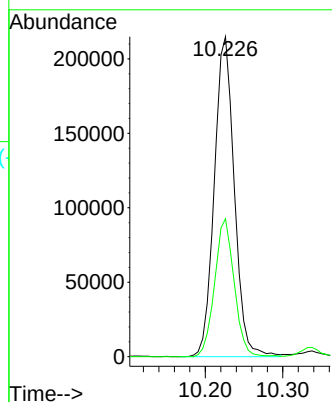
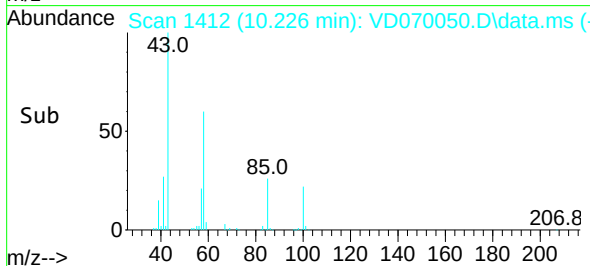
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01



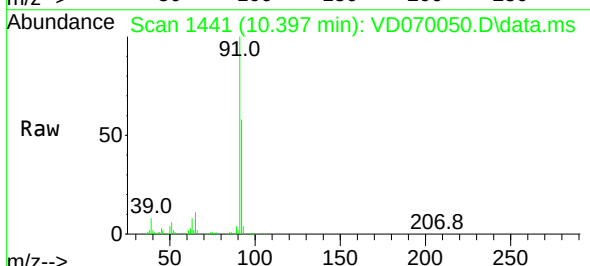
Tgt Ion: 43 Resp: 385520  
Ion Ratio Lower Upper  
43 100  
58 42.2 33.9 50.9

Manual Integrations  
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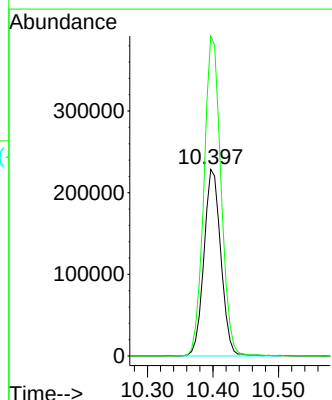
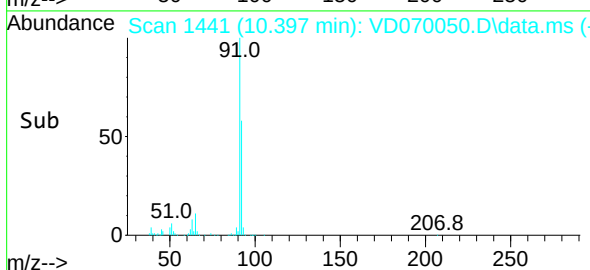
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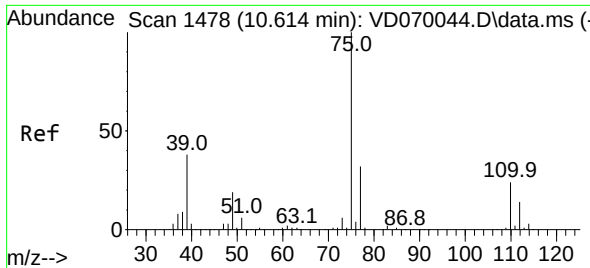


#52  
Toluene  
Concen: 20.988 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



Tgt Ion: 92 Resp: 410457  
Ion Ratio Lower Upper  
92 100  
91 173.1 137.2 205.8





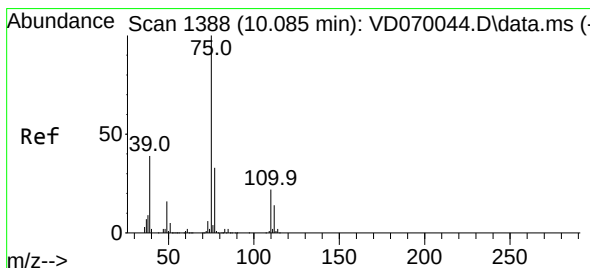
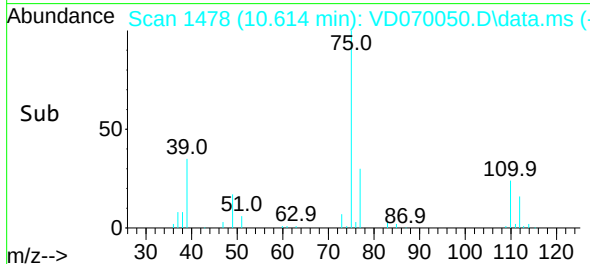
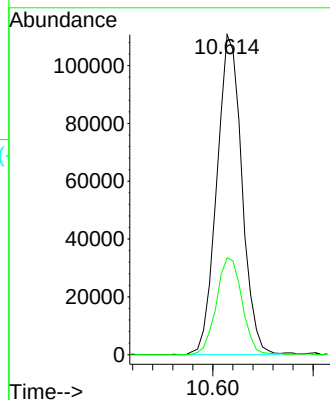
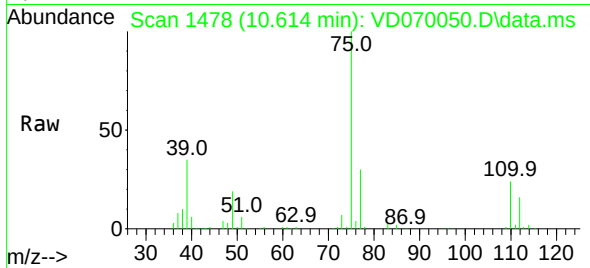
#53  
t-1,3-Dichloropropene  
Concen: 20.683 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 75 Resp: 192131  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.4 38.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

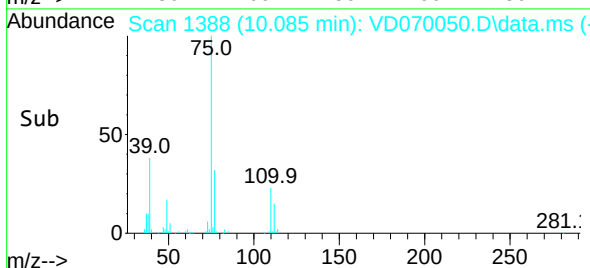
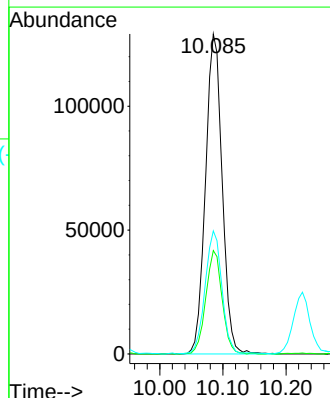
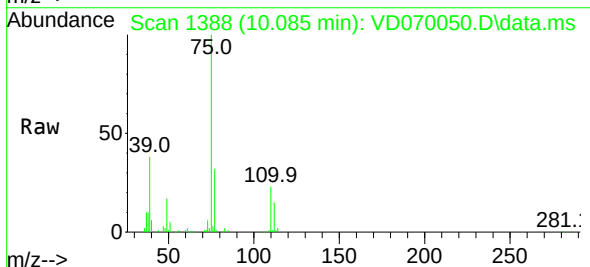
Manual Integrations  
APPROVED

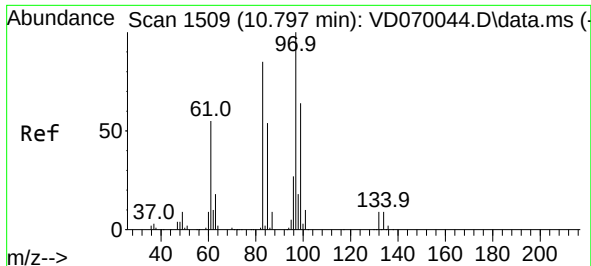
MMDadoda  
8/16/2021 5:05:03 PM



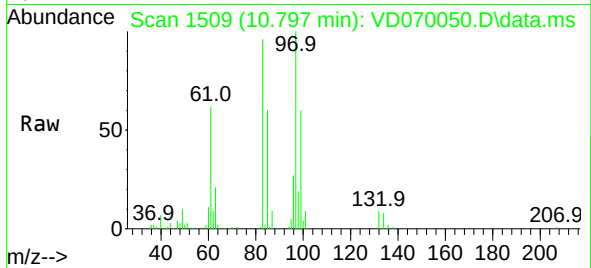
#54  
cis-1,3-Dichloropropene  
Concen: 20.992 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 75 Resp: 236687  
Ion Ratio Lower Upper  
75 100  
77 32.3 26.3 39.5  
39 38.3 31.4 47.2

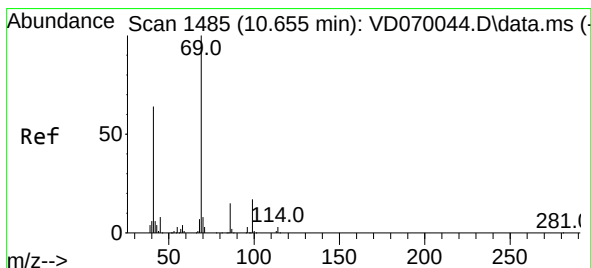
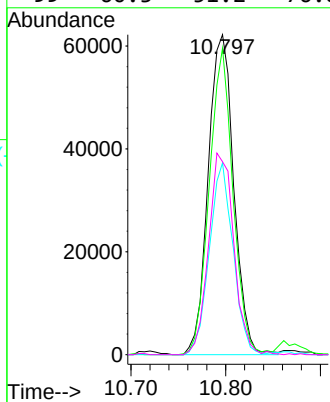
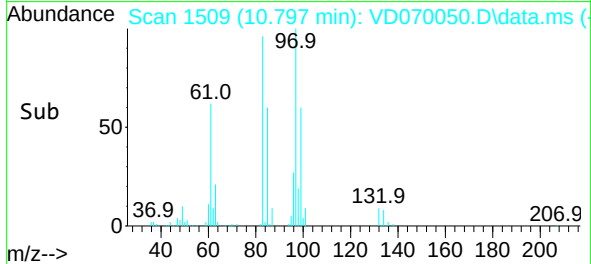




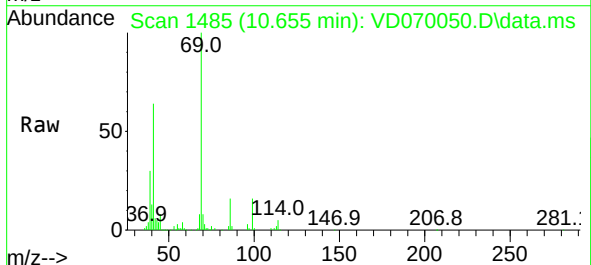
#55  
1,1,2-Trichloroethane  
Concen: 20.358 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



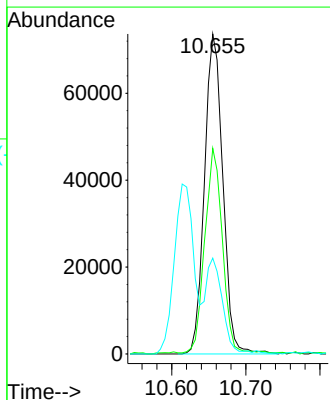
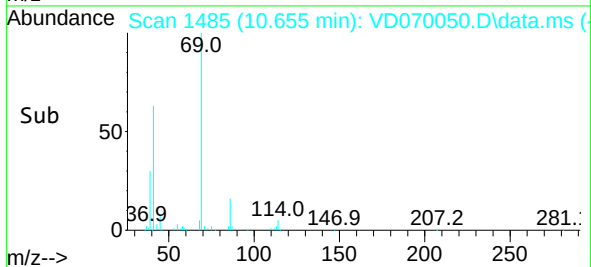
| Tgt Ion: | 97    | Resp: | 116922 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 95.8  | 67.8  | 101.6  |
| 85       | 59.9  | 43.4  | 65.0   |
| 99       | 60.3  | 51.2  | 76.8   |



#56  
Ethyl methacrylate  
Concen: 19.368 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



| Tgt Ion: | 69    | Resp: | 126585 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.0  | 48.9  | 73.3   |
| 39       | 27.2  | 21.6  | 32.4   |

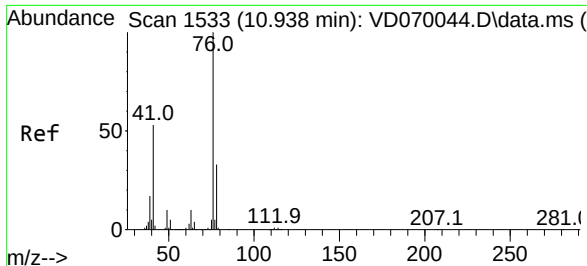


Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

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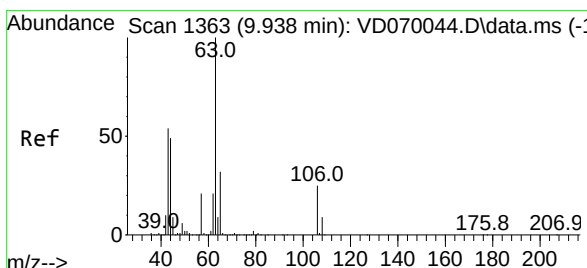
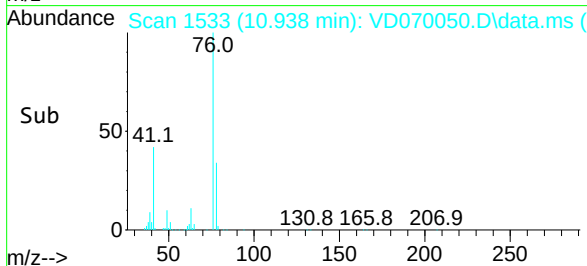
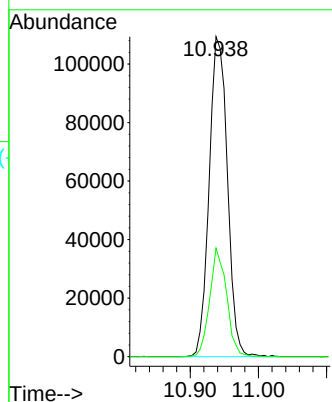
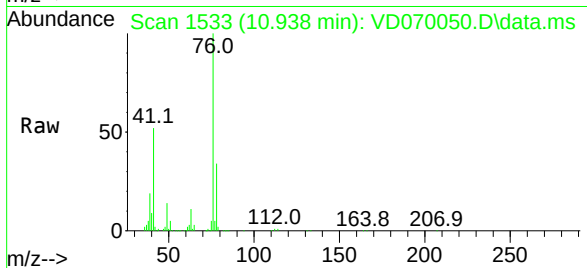
#57  
1,3-Dichloropropane  
Concen: 20.507 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 76 Resp: 203894  
Ion Ratio Lower Upper  
76 100  
78 31.5 25.9 38.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

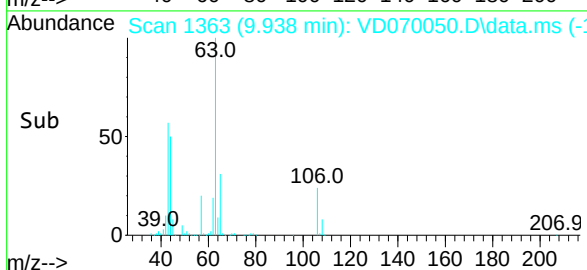
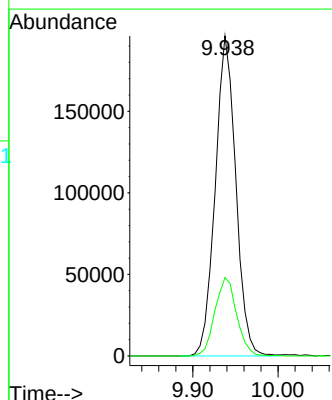
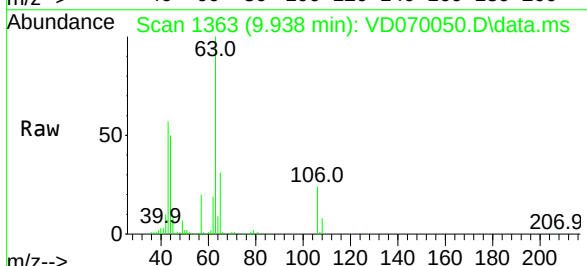
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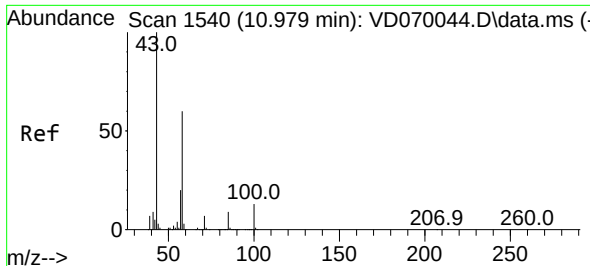
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#58  
2-Chloroethyl Vinyl ether  
Concen: 95.506 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 63 Resp: 329229  
Ion Ratio Lower Upper  
63 100  
106 25.9 21.2 31.8





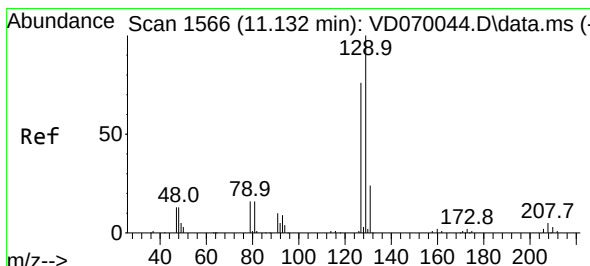
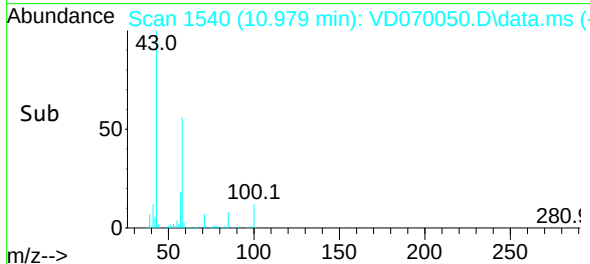
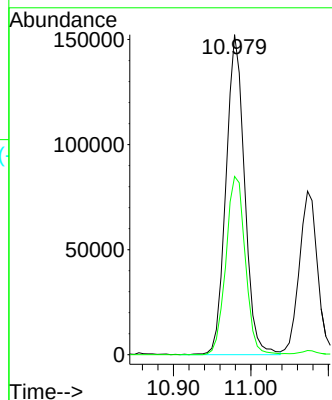
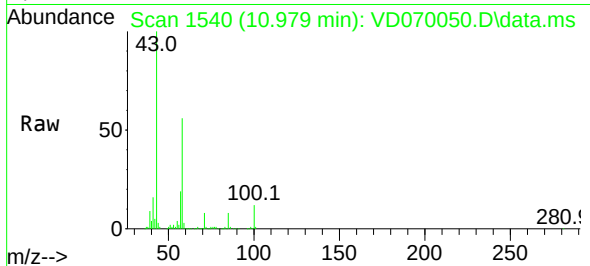
#59  
2-Hexanone  
Concen: 97.225 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 43 Resp: 254317  
Ion Ratio Lower Upper  
43 100  
58 58.2 29.5 88.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

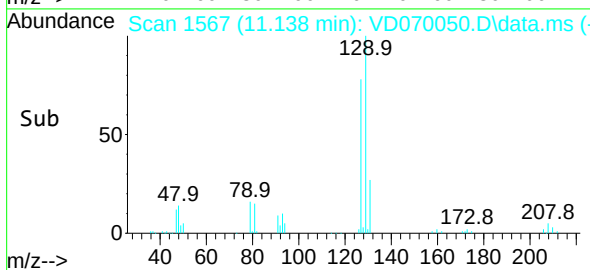
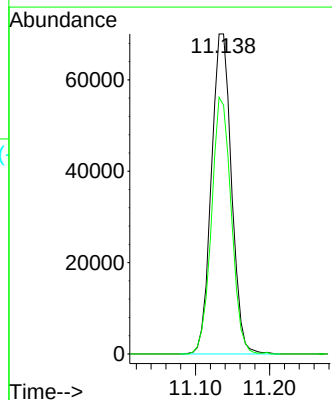
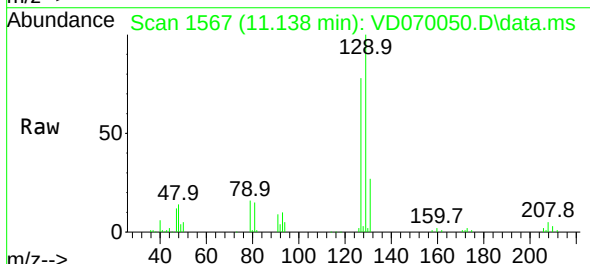
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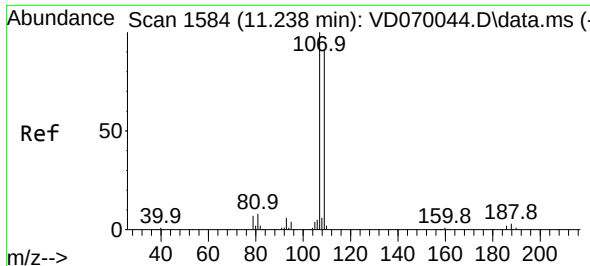
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#60  
Dibromochloromethane  
Concen: 20.080 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

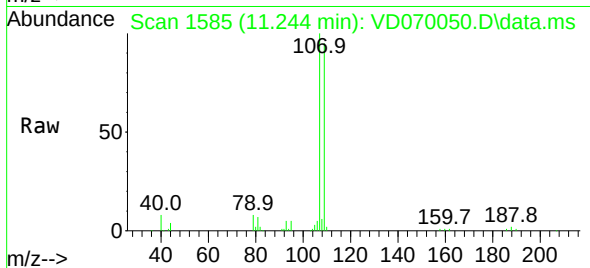
Tgt Ion: 129 Resp: 132112  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.4 118.2





#61  
1,2-Dibromoethane  
Concen: 20.510 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

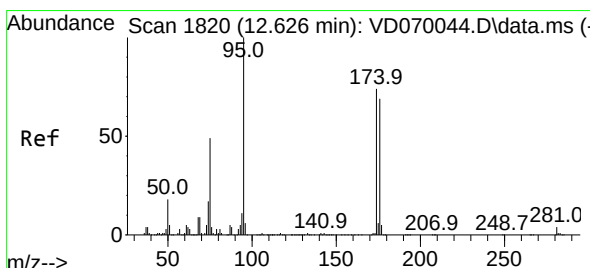
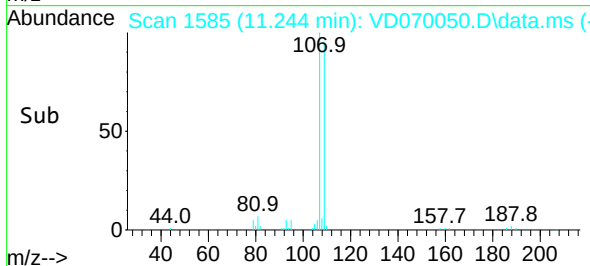
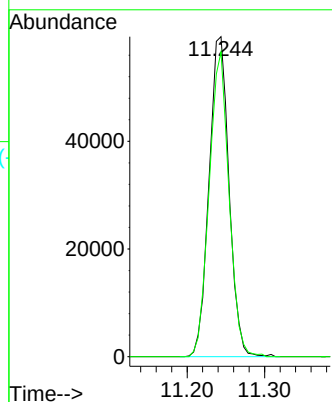
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01



Tgt Ion:107 Resp: 106645  
Ion Ratio Lower Upper  
107 100  
109 94.5 74.6 112.0

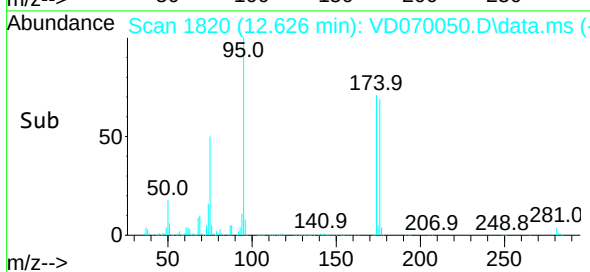
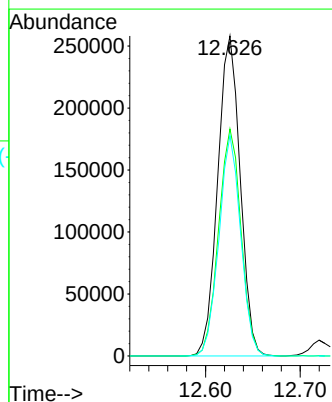
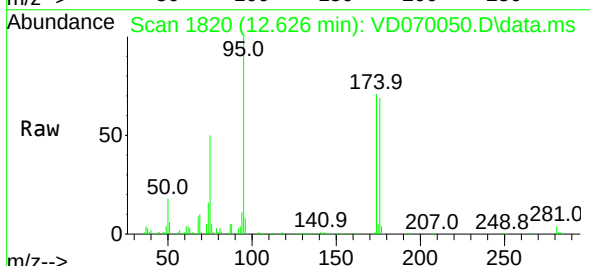
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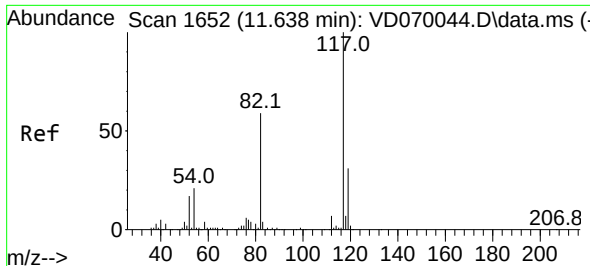
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#62  
4-Bromofluorobenzene  
Concen: 50.100 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

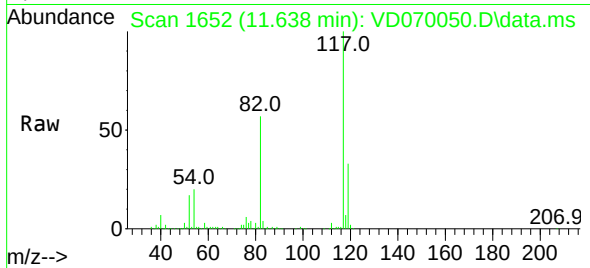
Tgt Ion: 95 Resp: 426970  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 141.6  
176 66.6 0.0 138.2





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

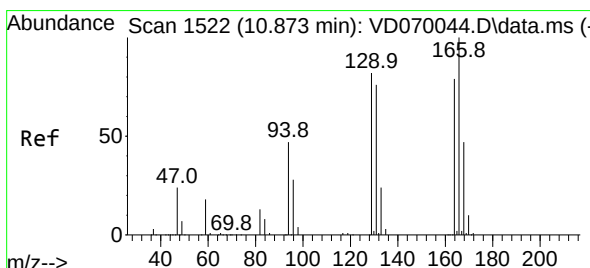
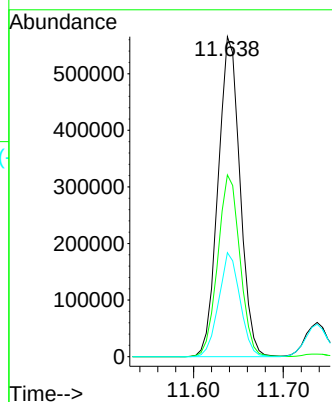
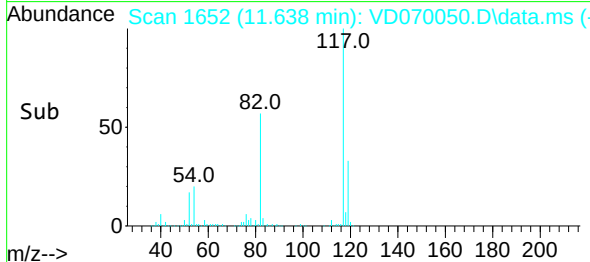
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01



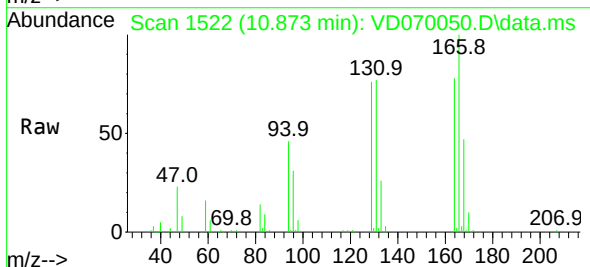
Tgt Ion:117 Resp: 958695  
Ion Ratio Lower Upper  
117 100  
82 56.8 47.5 71.3  
119 32.5 25.1 37.7

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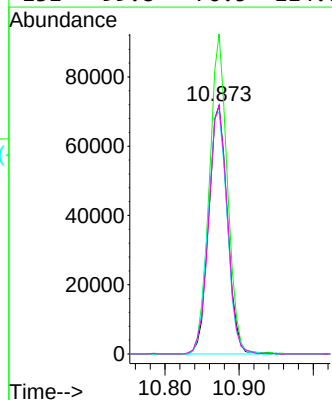
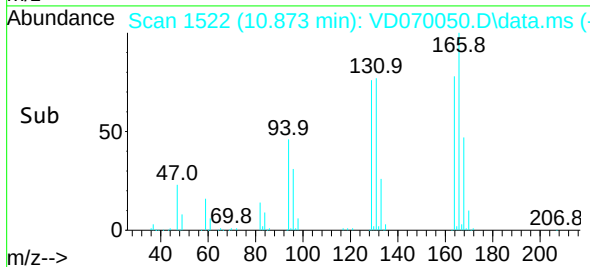
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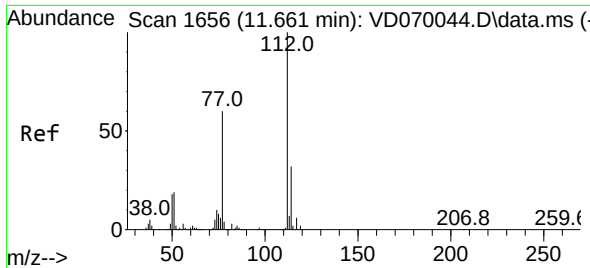


#64  
Tetrachloroethene  
Concen: 20.353 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



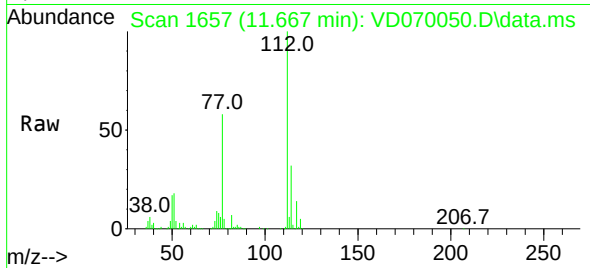
Tgt Ion:164 Resp: 125880  
Ion Ratio Lower Upper  
164 100  
166 128.7 101.3 151.9  
129 97.5 82.9 124.3  
131 99.8 76.5 114.7





#65  
Chlorobenzene  
Concen: 20.755 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

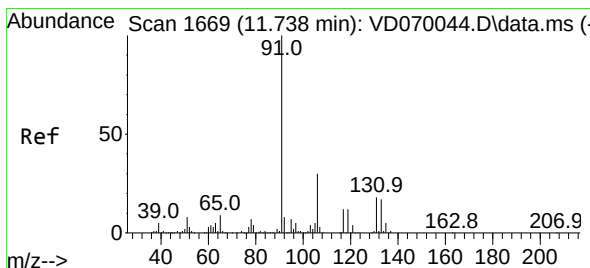
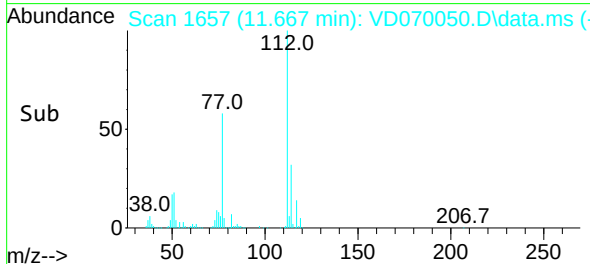
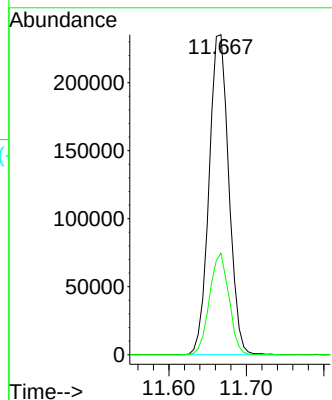
Instrument :  
MSVOA\_D  
ClientSampleId :  
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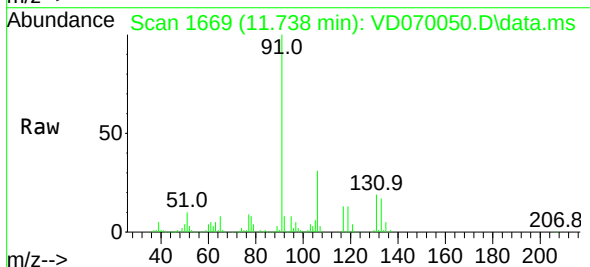
Tgt Ion:112 Resp: 415728  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.5 38.3

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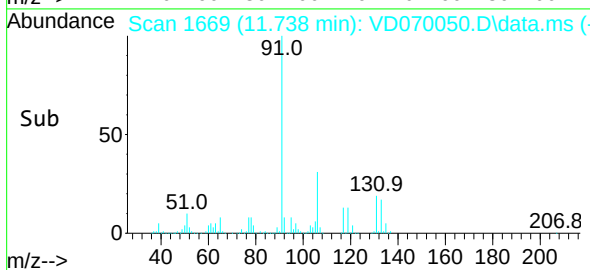
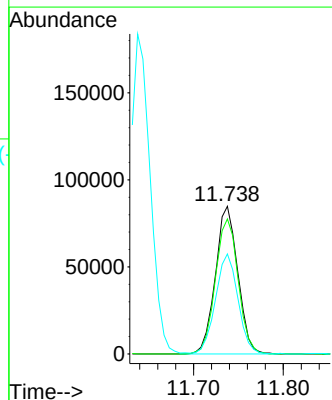
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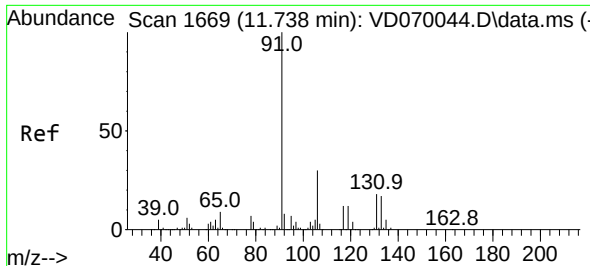


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.663 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

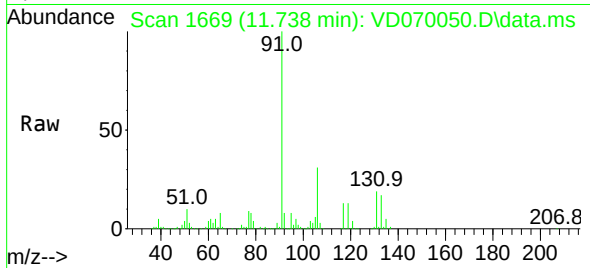


Tgt Ion:131 Resp: 146986  
Ion Ratio Lower Upper  
131 100  
133 92.8 47.4 142.2  
119 68.0 34.0 102.0

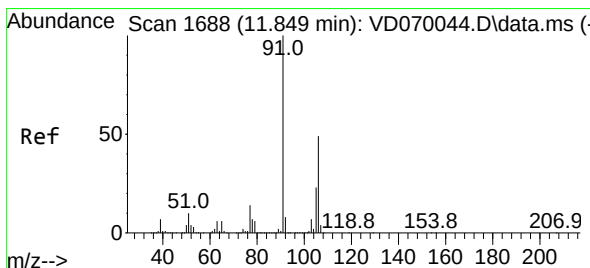
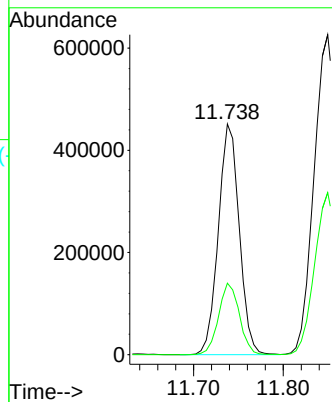
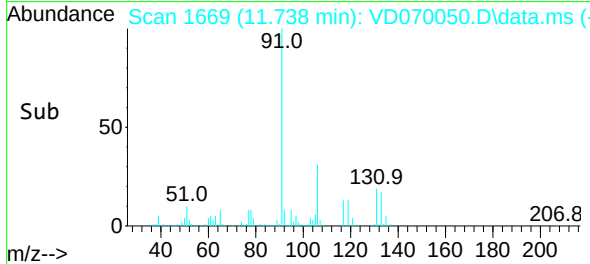




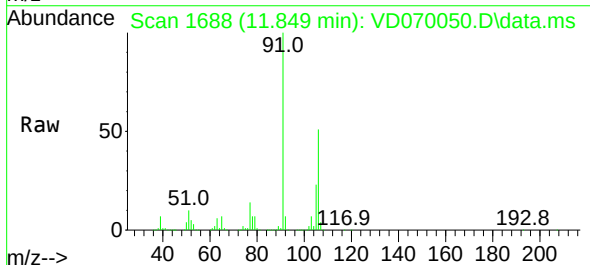
#67  
Ethyl Benzene  
Concen: 20.623 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



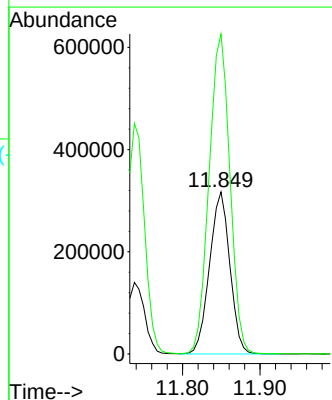
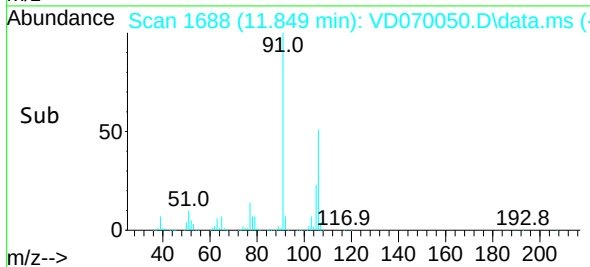
Tgt Ion: 91 Resp: 730363  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.3 36.5



#68  
m/p-Xylenes  
Concen: 42.150 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



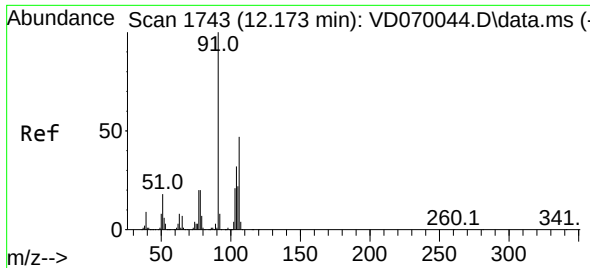
Tgt Ion: 106 Resp: 578504  
Ion Ratio Lower Upper  
106 100  
91 202.5 164.6 246.8



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

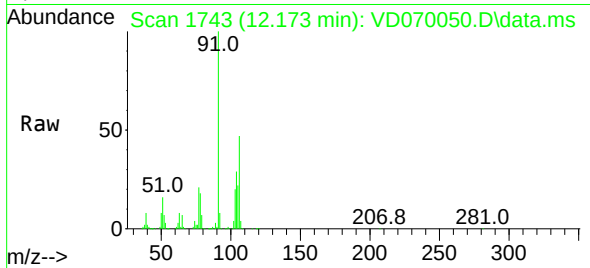
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#69  
o-Xylene  
Concen: 20.667 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

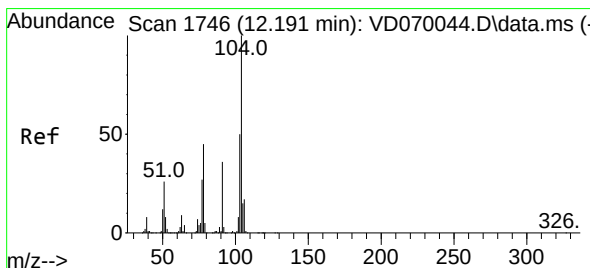
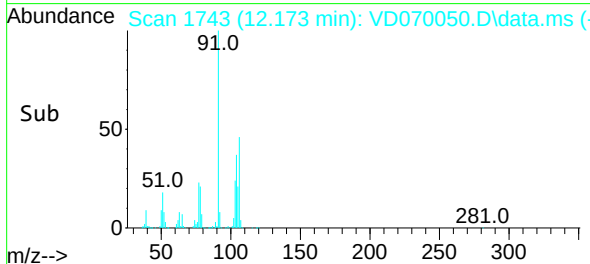
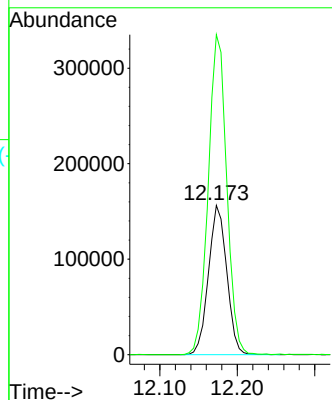
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01



Tgt Ion:106 Resp: 255933  
Ion Ratio Lower Upper  
106 100  
91 216.8 108.6 325.8

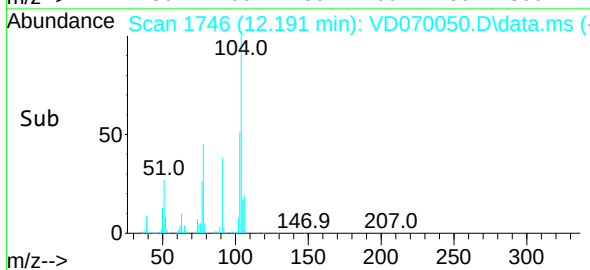
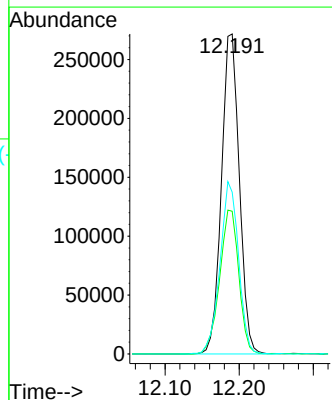
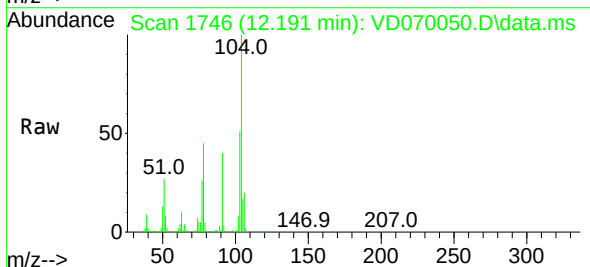
Manual Integrations  
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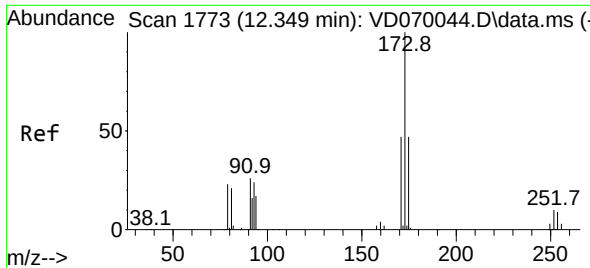
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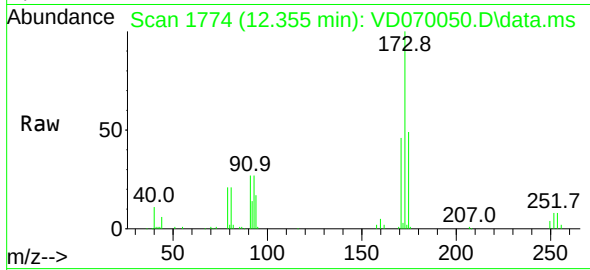
#70  
Styrene  
Concen: 20.993 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion:104 Resp: 455333  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.7 59.5  
103 56.0 43.8 65.6

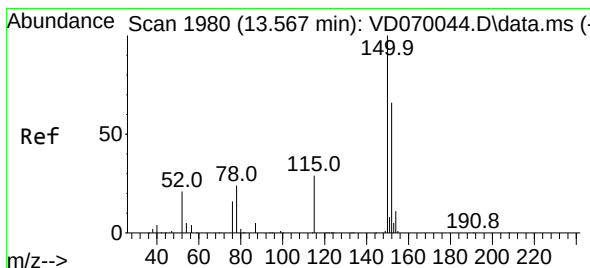
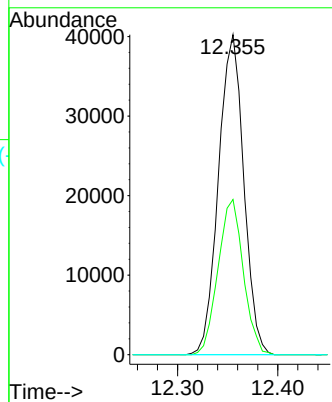
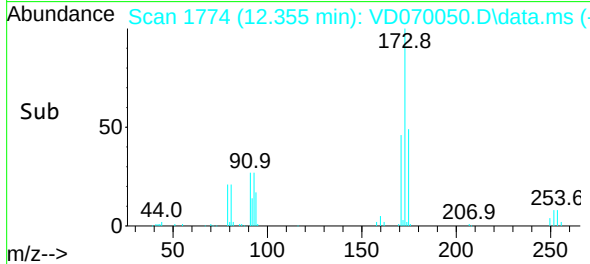




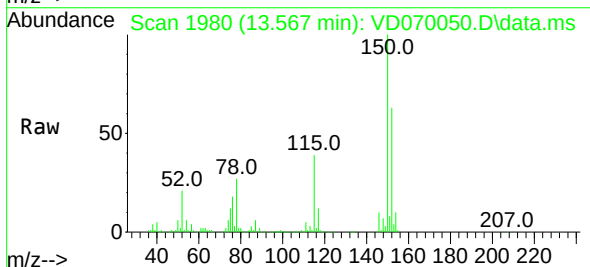
#71  
Bromoform  
Concen: 20.259 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



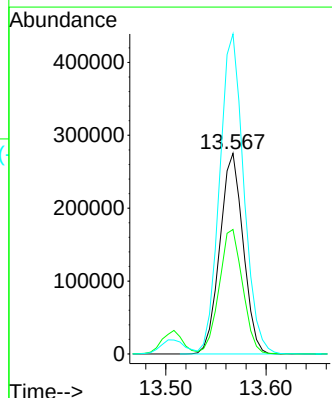
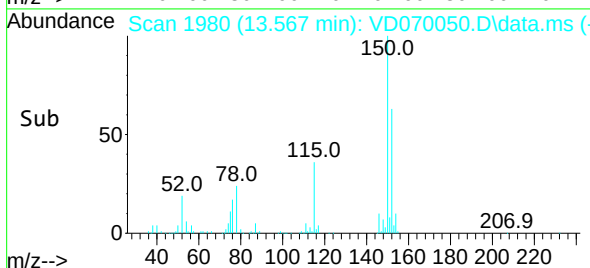
Tgt Ion:173 Resp: 70214  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



Tgt Ion:152 Resp: 442924  
Ion Ratio Lower Upper  
152 100  
115 62.7 31.2 93.6  
150 165.5 0.0 352.0

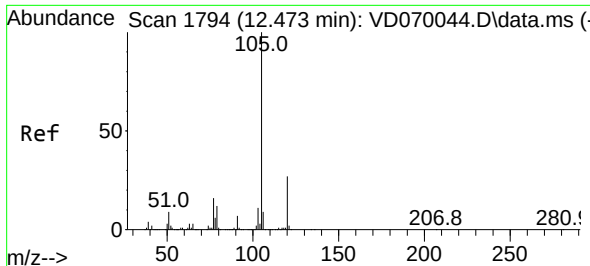


Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

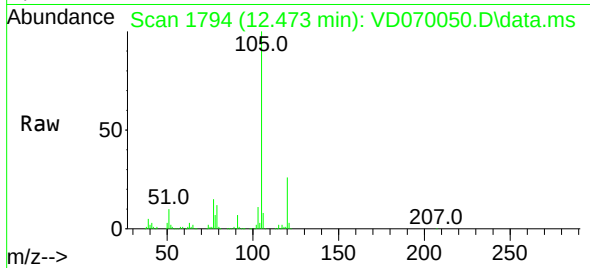
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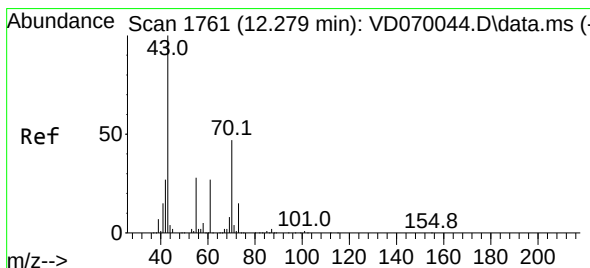
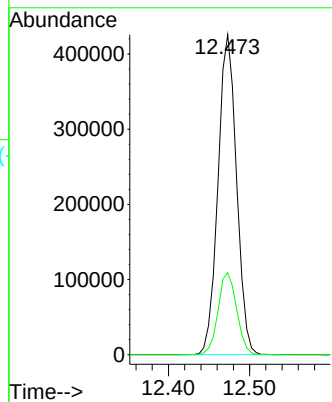
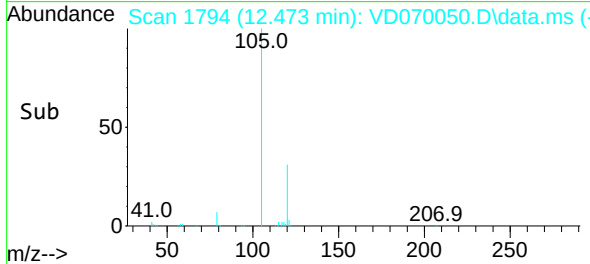




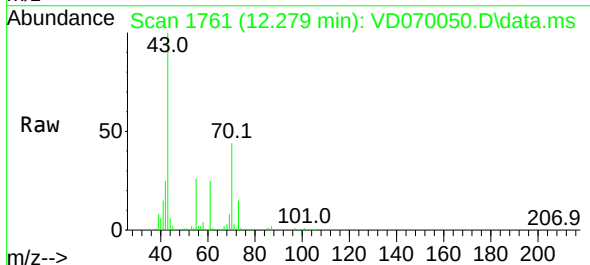
#73  
Isopropylbenzene  
Concen: 20.927 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



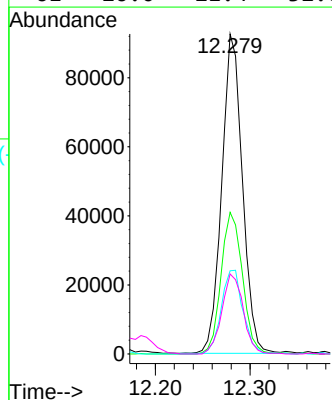
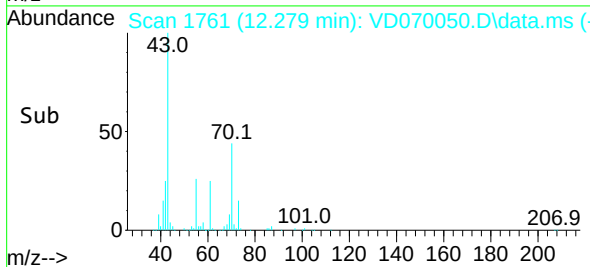
Tgt Ion: 105 Resp: 675926  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.3 39.8



#74  
N-ethyl acetate  
Concen: 20.131 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



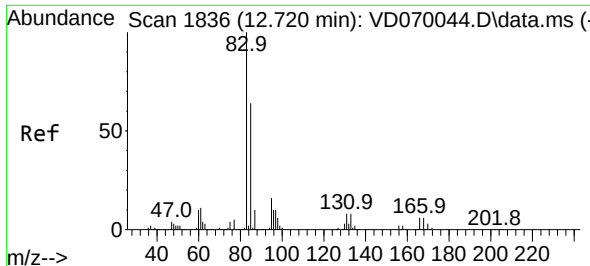
Tgt Ion: 43 Resp: 140193  
Ion Ratio Lower Upper  
43 100  
70 46.1 37.2 55.8  
55 27.8 22.9 34.3  
61 26.0 21.4 32.0



Instrument :  
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ClientSampleId :  
VD0813SBS01

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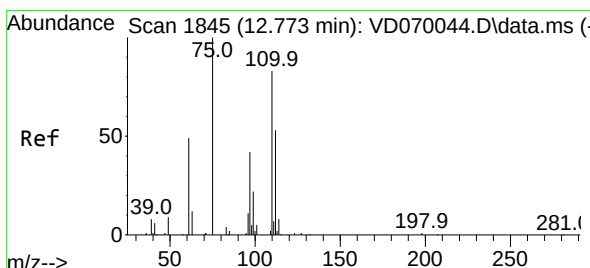
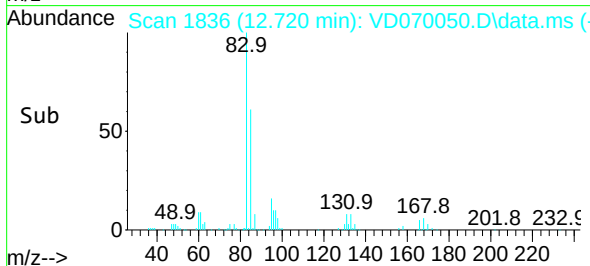
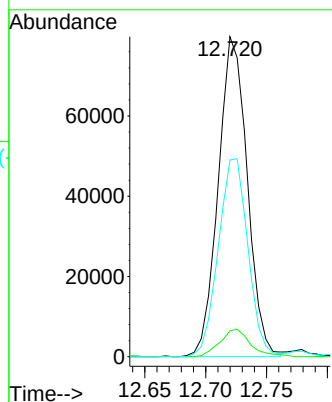
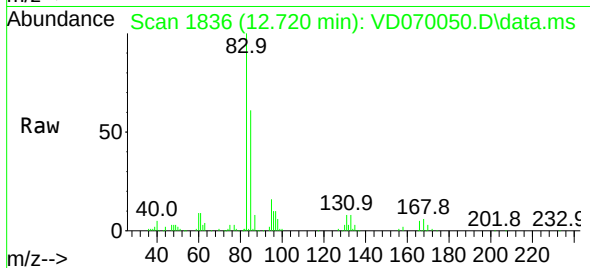
#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.508 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 83 Resp: 132165  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.5 13.7  
85 63.2 31.9 95.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBSD01

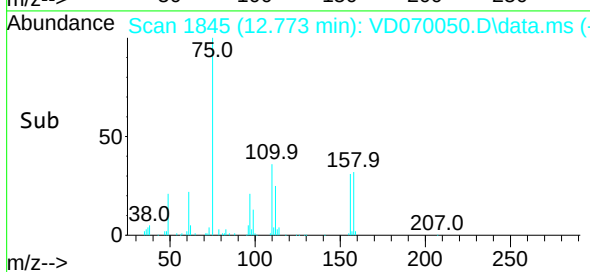
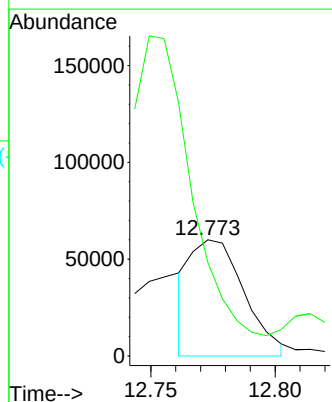
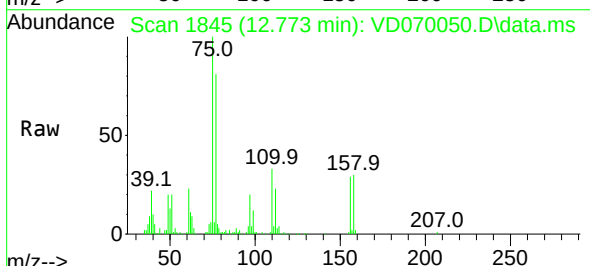
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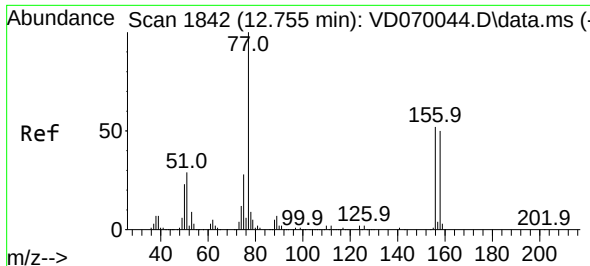
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#76  
1,2,3-Trichloropropane  
Concen: 20.134 ug/l m  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 75 Resp: 90438  
Ion Ratio Lower Upper  
75 100  
77 0.0 182.4 547.2#





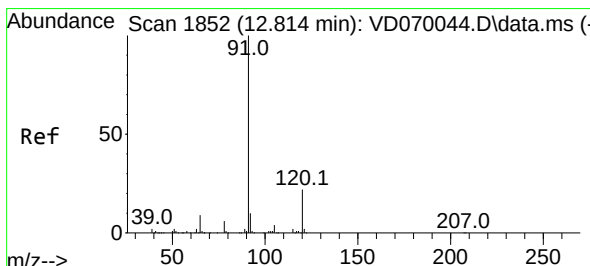
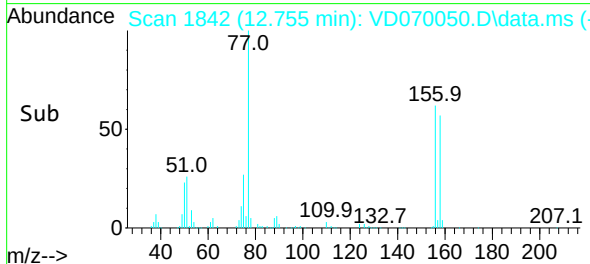
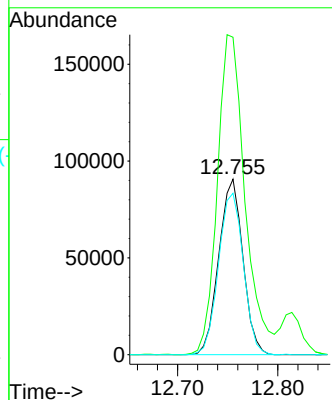
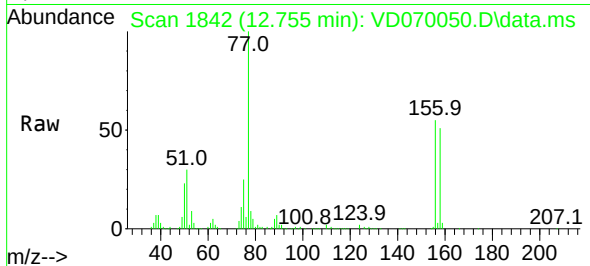
#77  
Bromobenzene  
Concen: 21.163 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion:156 Resp: 151714  
Ion Ratio Lower Upper  
156 100  
77 208.6 106.9 320.7  
158 94.6 47.6 142.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

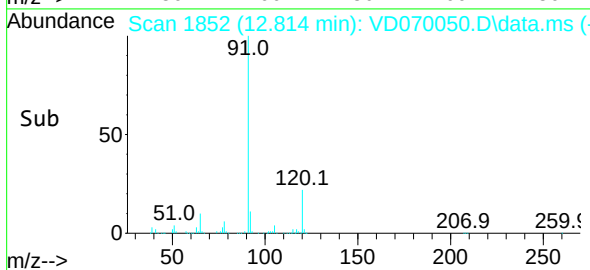
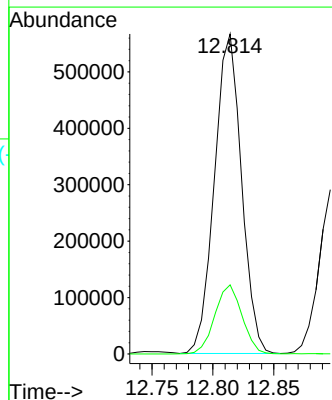
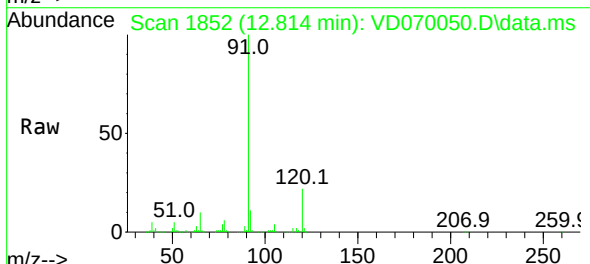
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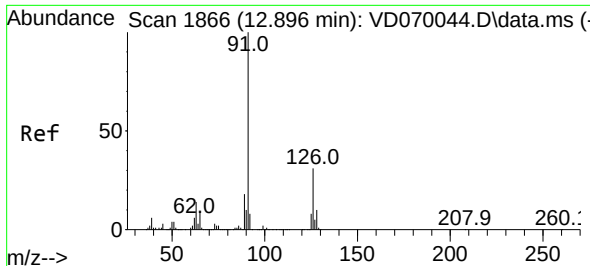
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#78  
n-propylbenzene  
Concen: 21.005 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

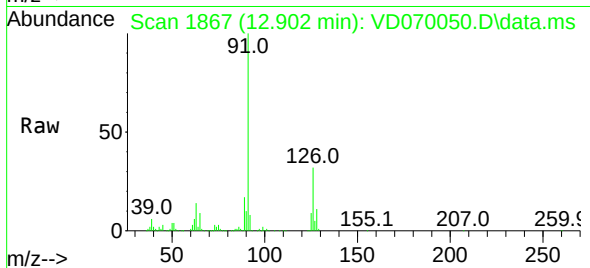
Tgt Ion: 91 Resp: 874972  
Ion Ratio Lower Upper  
91 100  
120 21.8 10.9 32.9





#79  
2-Chlorotoluene  
Concen: 21.200 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

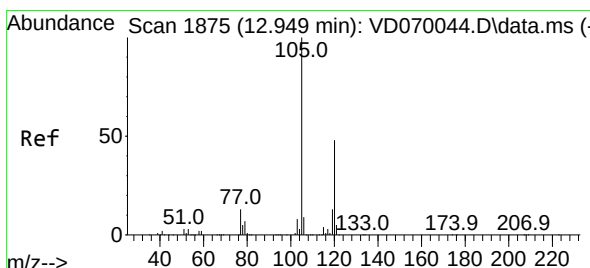
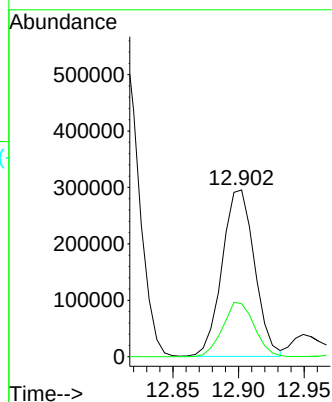
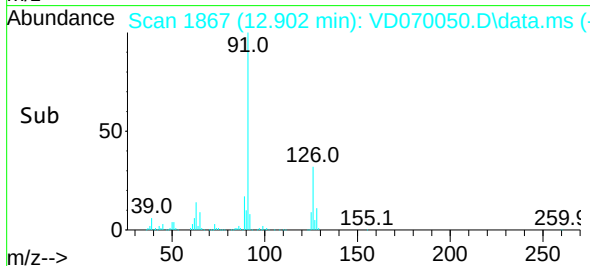
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01



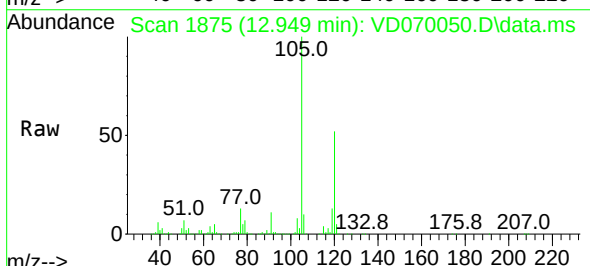
Tgt Ion: 91 Resp: 508076  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.0 48.0

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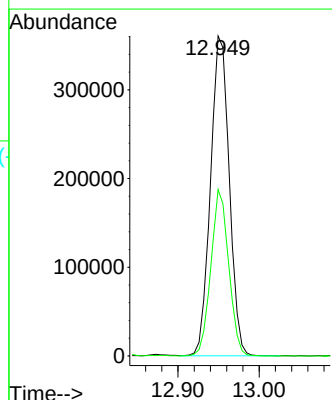
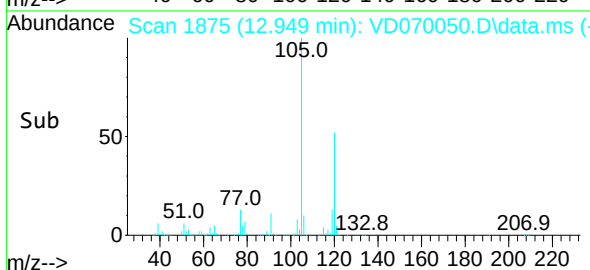
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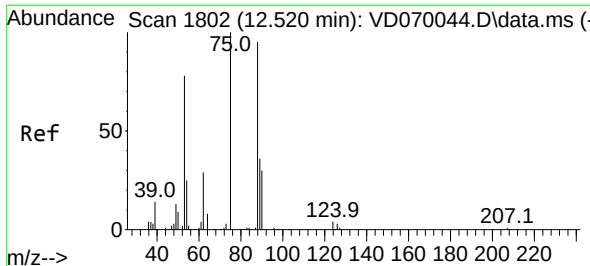


#80  
1,3,5-Trimethylbenzene  
Concen: 21.016 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

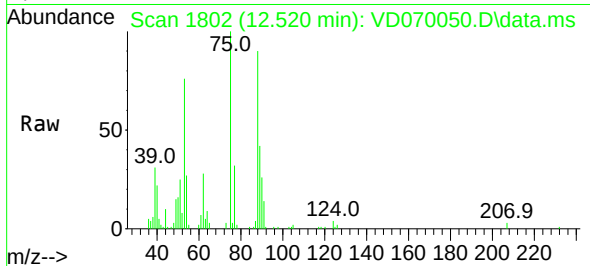


Tgt Ion: 105 Resp: 577876  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.5 73.5

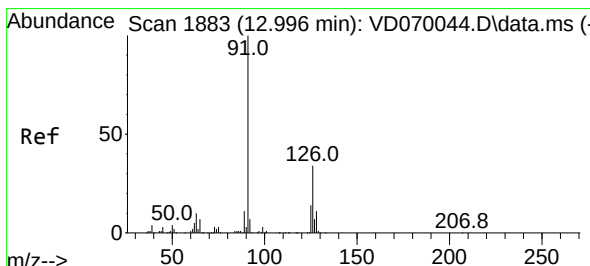
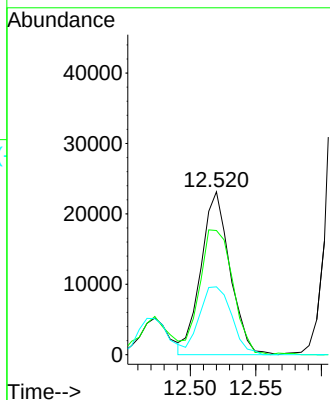
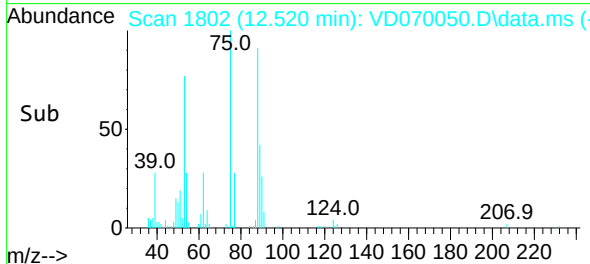




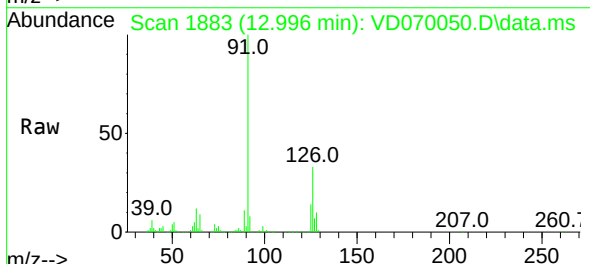
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.626 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



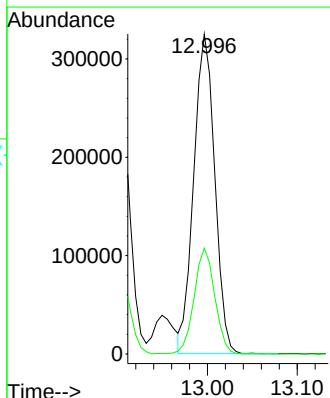
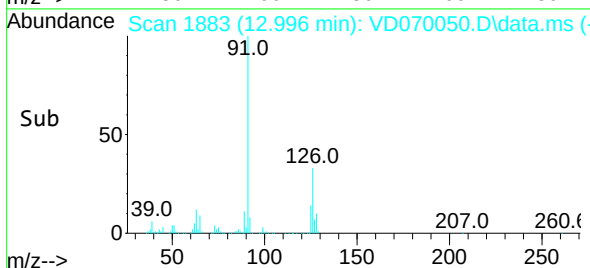
Tgt Ion: 75 Resp: 35695  
Ion Ratio Lower Upper  
75 100  
53 87.7 64.5 96.7  
89 45.5 33.7 50.5



#82  
4-Chlorotoluene  
Concen: 21.047 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



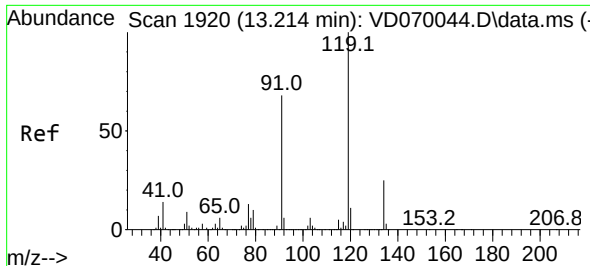
Tgt Ion: 91 Resp: 528163  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.8



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

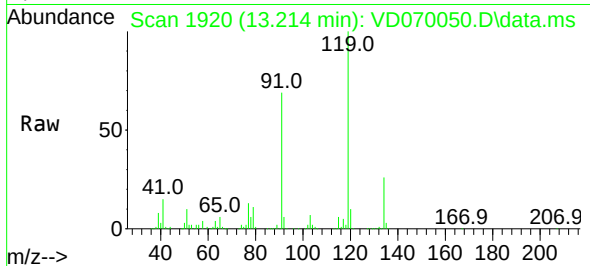
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#83  
tert-Butylbenzene  
Concen: 20.433 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

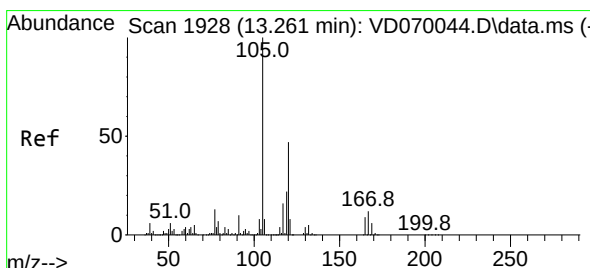
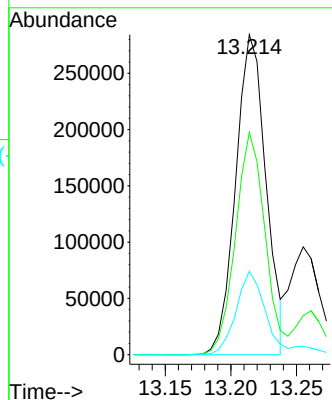
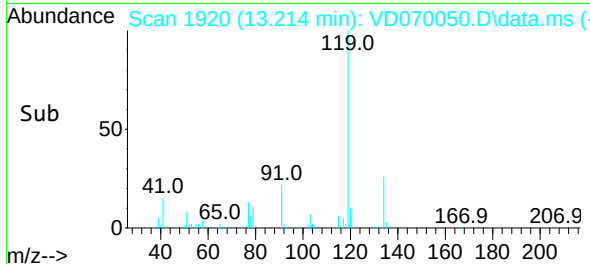
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MSVOA\_D  
ClientSampleId :  
VD0813SBSD01



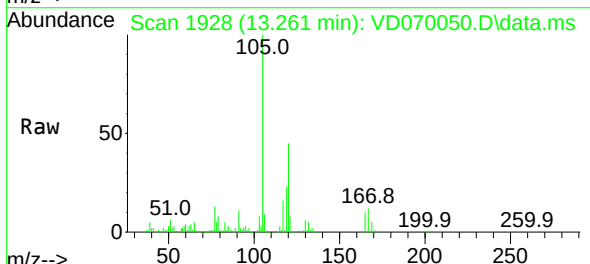
Tgt Ion:119 Resp: 456684  
Ion Ratio Lower Upper  
119 100  
91 68.2 34.0 101.8  
134 26.9 13.2 39.6

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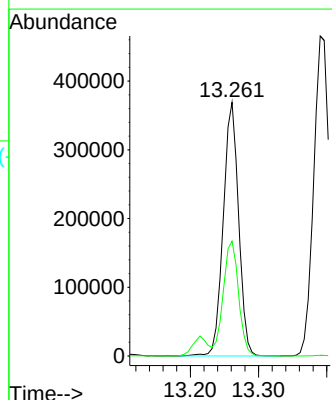
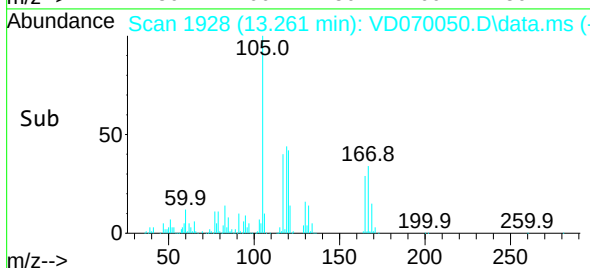
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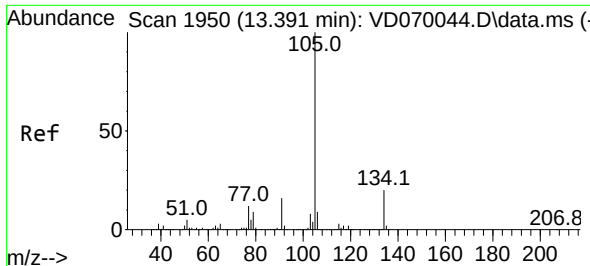


#84  
1,2,4-Trimethylbenzene  
Concen: 21.211 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



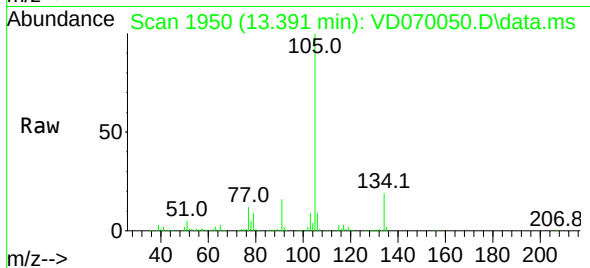
Tgt Ion:105 Resp: 578573  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.5 67.5





#85  
 sec-Butylbenzene  
 Concen: 20.873 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD070050.D  
 Acq: 13 Aug 2021 15:22

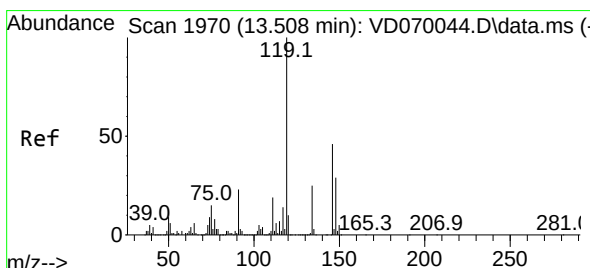
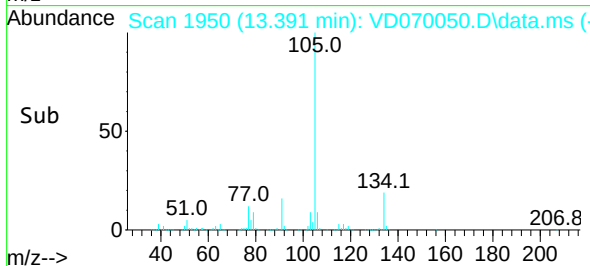
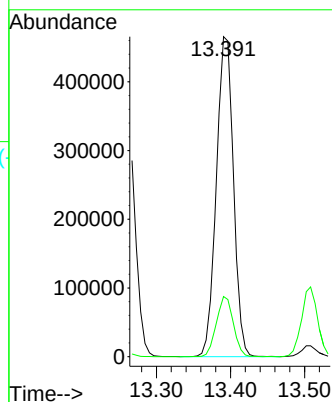
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0813SBSD01



Tgt Ion:105 Resp: 747460  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.8 29.3

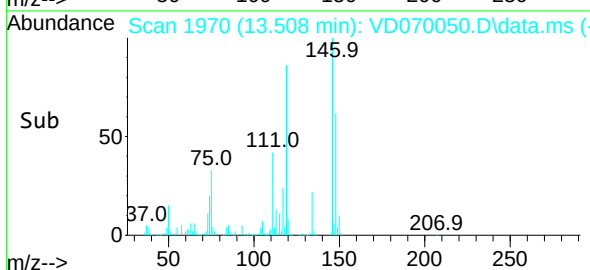
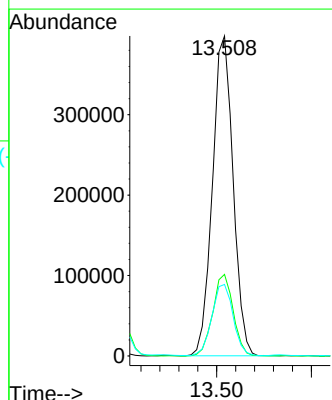
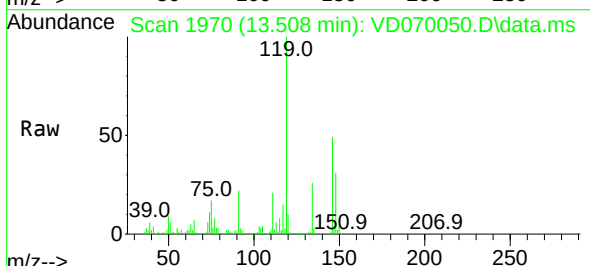
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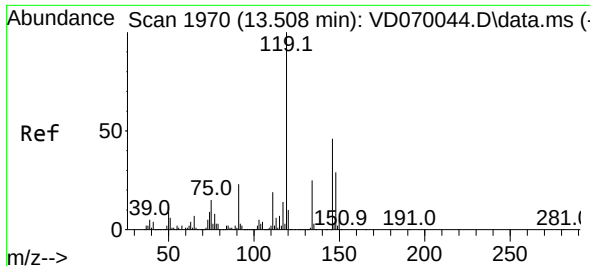
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#86  
 p-Isopropyltoluene  
 Concen: 20.785 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.000 min  
 Lab File: VD070050.D  
 Acq: 13 Aug 2021 15:22

Tgt Ion:119 Resp: 601298  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.8 38.3  
 91 22.8 11.6 34.8





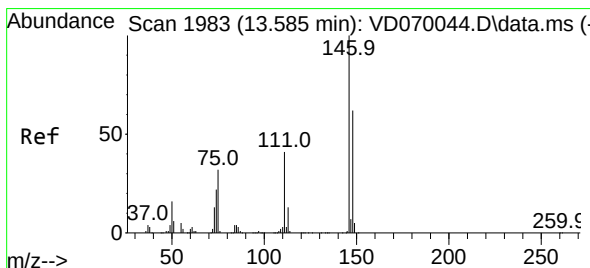
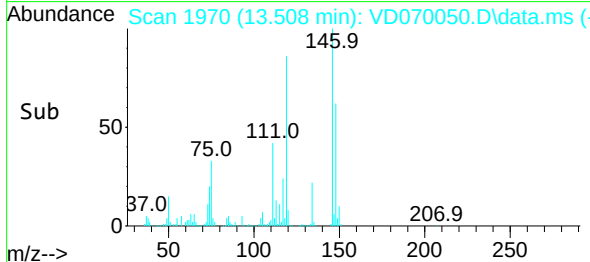
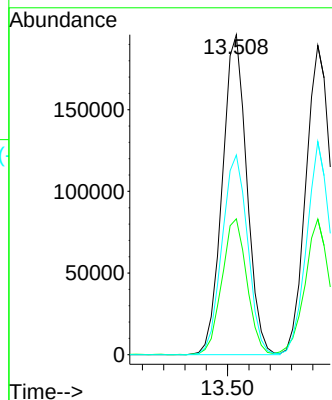
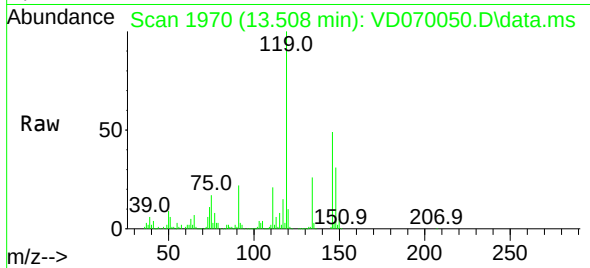
#87  
1,3-Dichlorobenzene  
Concen: 20.540 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion:146 Resp: 312860  
Ion Ratio Lower Upper  
146 100  
111 43.4 21.3 64.0  
148 65.1 31.8 95.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

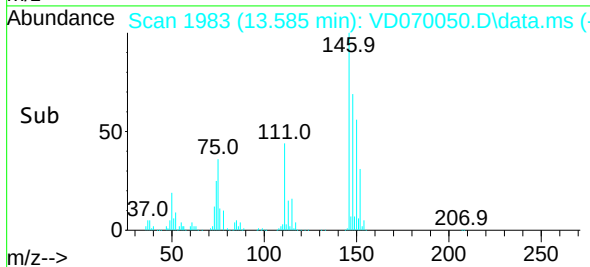
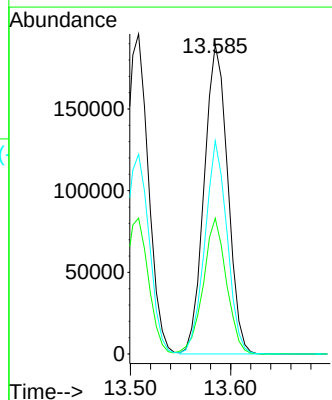
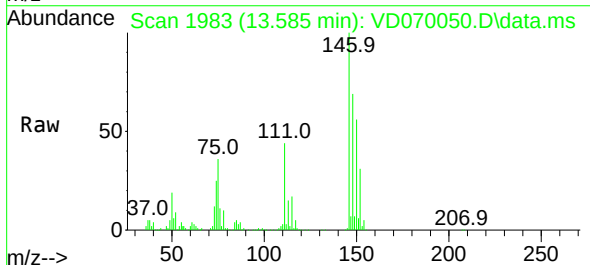
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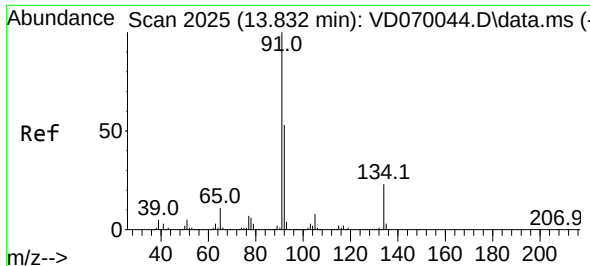


#88  
1,4-Dichlorobenzene  
Concen: 20.529 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion:146 Resp: 309725  
Ion Ratio Lower Upper  
146 100  
111 43.2 20.3 60.8  
148 65.1 31.3 93.9

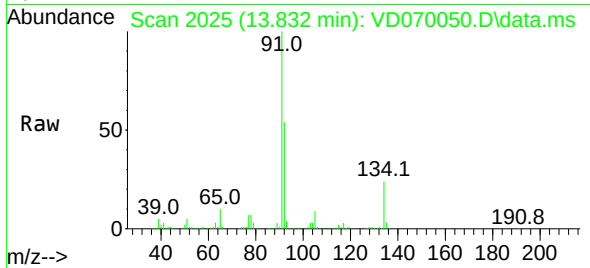






#89  
n-Butylbenzene  
Concen: 20.317 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

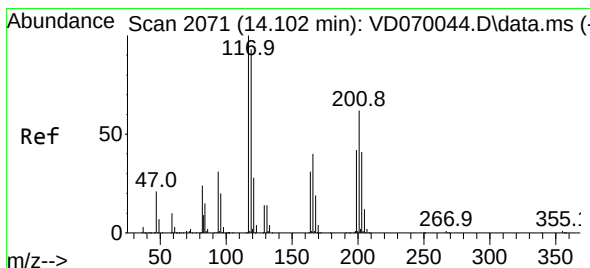
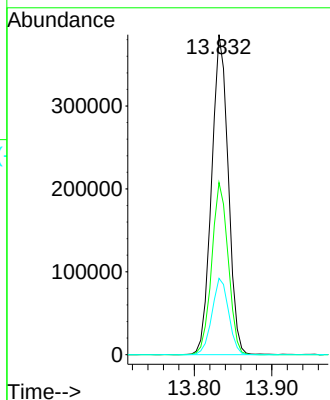
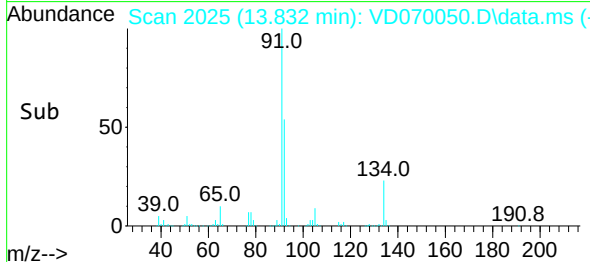
Instrument :  
MSVOA\_D  
ClientSampleId :  
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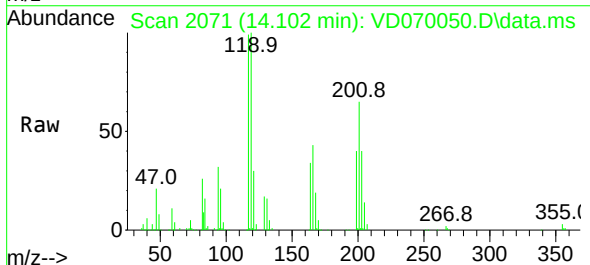
Tgt Ion: 91 Resp: 576770  
Ion Ratio Lower Upper  
91 100  
92 53.0 27.1 81.3  
134 23.8 11.8 35.3

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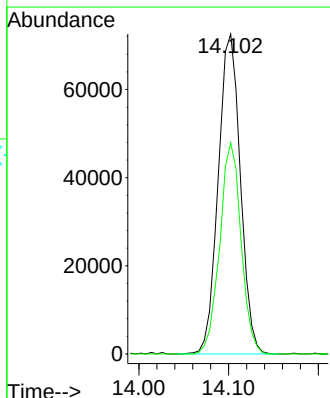
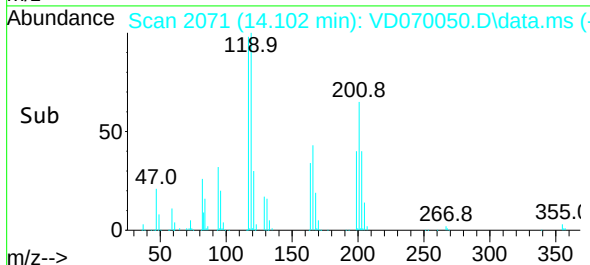
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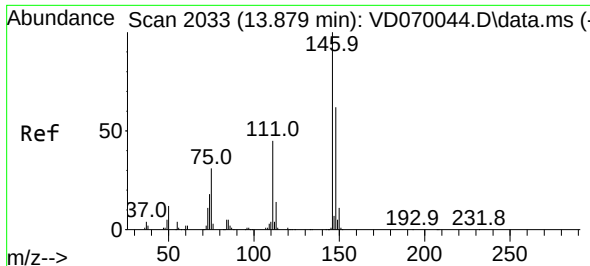


#90  
Hexachloroethane  
Concen: 20.353 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
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Tgt Ion: 117 Resp: 124252  
Ion Ratio Lower Upper  
117 100  
201 63.5 31.6 95.0





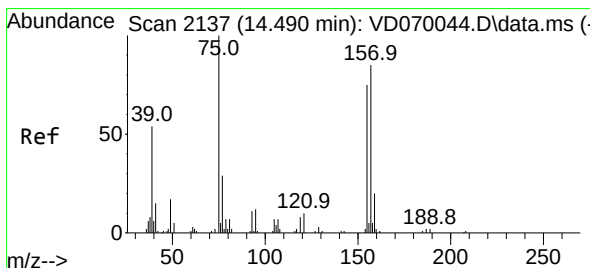
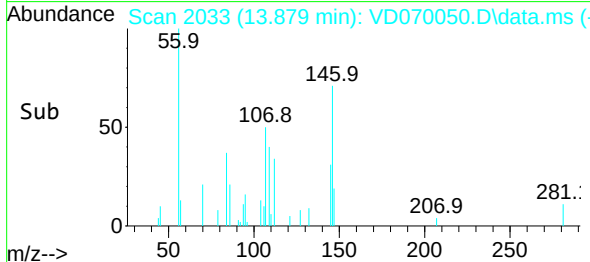
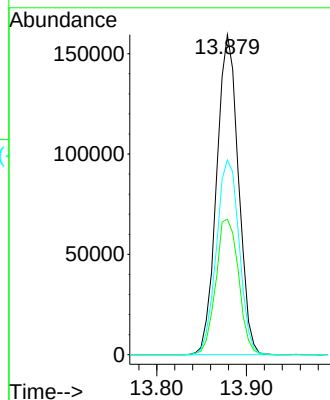
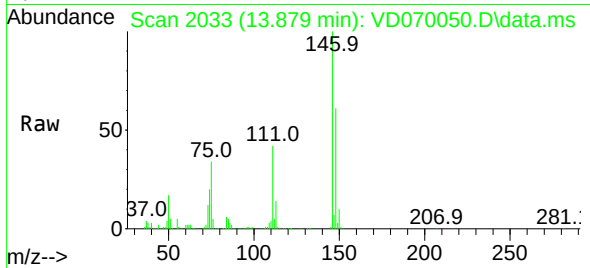
#91  
1,2-Dichlorobenzene  
Concen: 20.574 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 146 Resp: 268527  
Ion Ratio Lower Upper  
146 100  
111 44.3 22.4 67.2  
148 63.8 31.8 95.4

Instrument :  
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ClientSampleId :  
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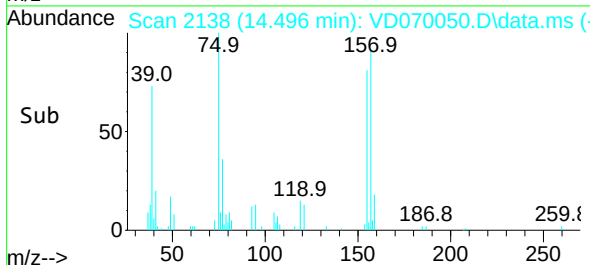
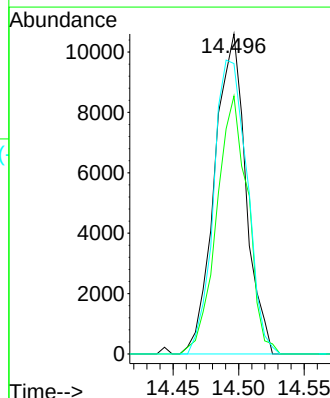
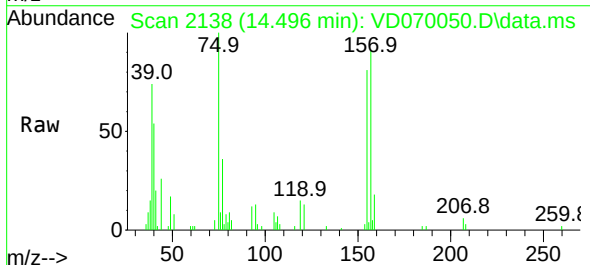
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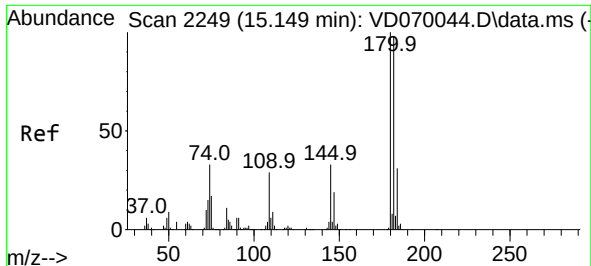
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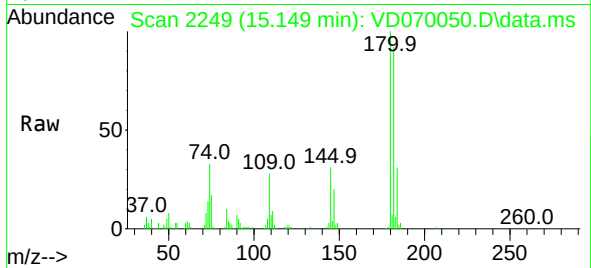
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.220 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.006 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22

Tgt Ion: 75 Resp: 17539  
Ion Ratio Lower Upper  
75 100  
155 80.4 35.3 105.9  
157 98.4 46.8 140.3

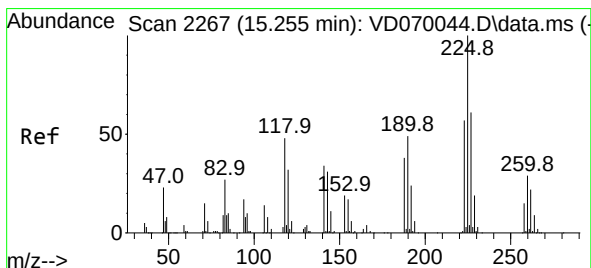
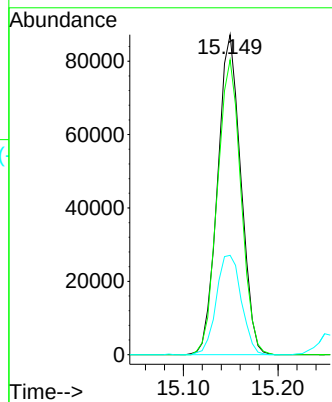
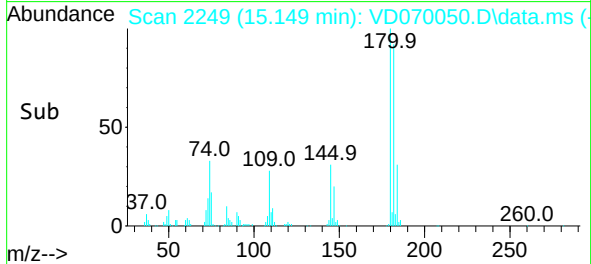




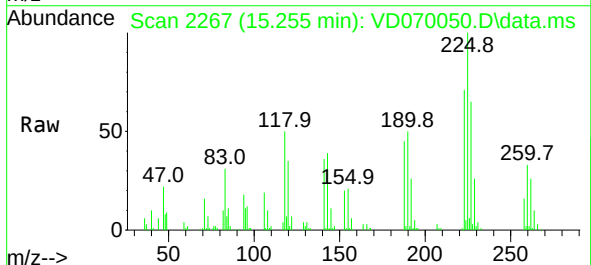
#93  
1,2,4-Trichlorobenzene  
Concen: 20.488 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



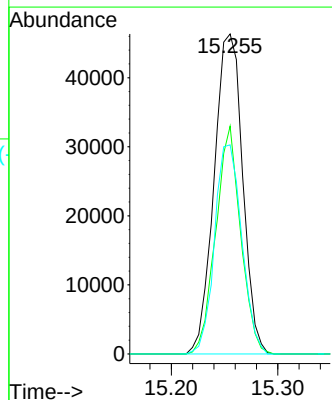
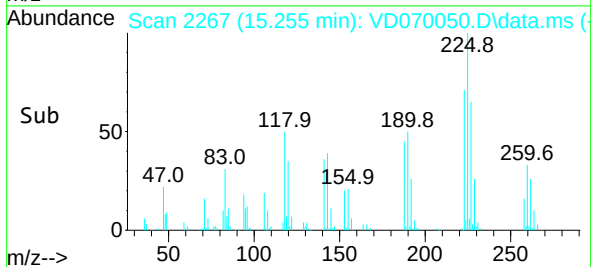
Tgt Ion:180 Resp: 148701  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.9 143.6  
145 33.4 16.3 48.9



#94  
Hexachlorobutadiene  
Concen: 20.070 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



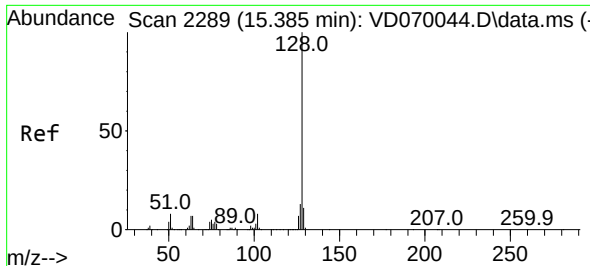
Tgt Ion:225 Resp: 86048  
Ion Ratio Lower Upper  
225 100  
223 62.2 30.5 91.5  
227 62.4 31.4 94.2



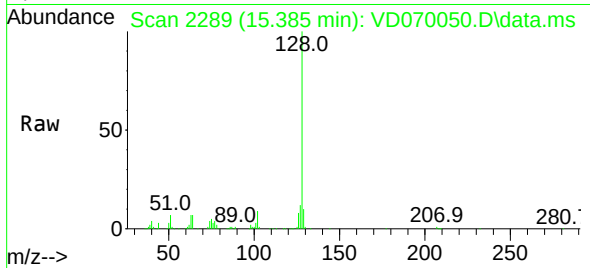
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

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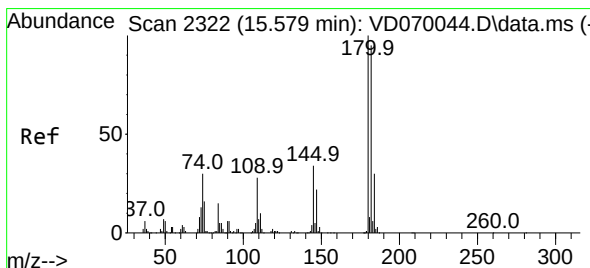
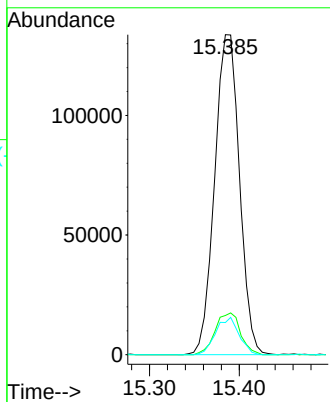
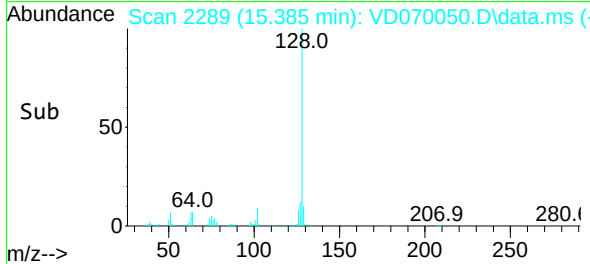
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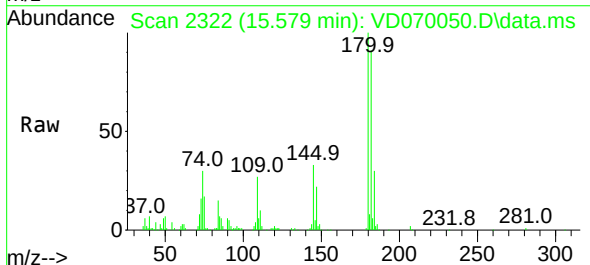
#95  
Naphthalene  
Concen: 19.440 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



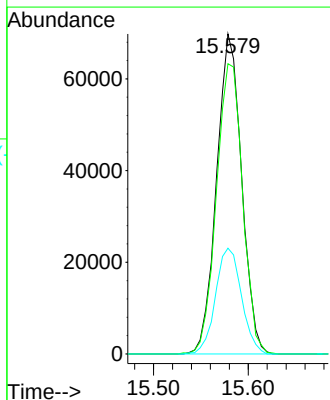
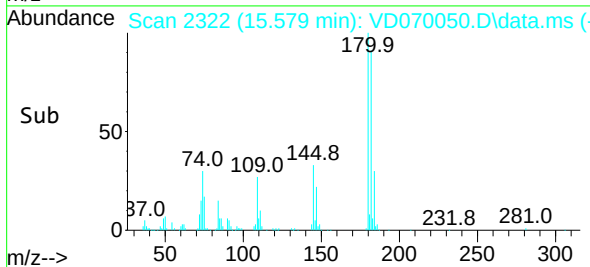
Tgt Ion:128 Resp: 256806  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.5 15.7  
129 11.0 8.3 12.5



#96  
1,2,3-Trichlorobenzene  
Concen: 20.207 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VD070050.D  
Acq: 13 Aug 2021 15:22



Tgt Ion:180 Resp: 128031  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.9 143.6  
145 34.3 16.8 50.3



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0813SBS01

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