

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031422\  
 Data File : VD072160.D  
 Acq On : 14 Mar 2022 10:42  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 01:21:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 414365   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 645050   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 591529   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 296618   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 204957   | 44.384   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 88.760% |
| 35) Dibromofluoromethane    | 7.909  | 113   | 208163   | 45.858   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 91.720% |
| 50) Toluene-d8              | 10.332 | 98    | 770573   | 46.426   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 92.860% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 306606   | 47.542   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 95.080% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 193431  | 50.470  | ug/l   | 95  |
| 3) Chloromethane             | 2.209 | 50  | 188103  | 55.232  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.350 | 62  | 187466  | 57.025  | ug/l   | 100 |
| 5) Bromomethane              | 2.774 | 94  | 120728  | 56.397  | ug/l   | 97  |
| 6) Chloroethane              | 2.921 | 64  | 124251  | 57.166  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.273 | 101 | 388946  | 52.390  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.709 | 74  | 102189  | 49.839  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 241501  | 51.017  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.303 | 142 | 225732  | 53.083  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.226 | 59  | 56829   | 212.247 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 208199  | 54.670  | ug/l   | 90  |
| 13) Acrolein                 | 3.915 | 56  | 49970   | 209.151 | ug/l   | 99  |
| 14) Allyl chloride           | 4.715 | 41  | 348216  | 52.296  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.415 | 53  | 249638  | 241.293 | ug/l   | 98  |
| 16) Acetone                  | 4.150 | 43  | 238164  | 237.539 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.409 | 76  | 492393  | 55.274  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.715 | 43  | 103569  | 42.152  | ug/l # | 90  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 513448  | 49.604  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.962 | 84  | 258498  | 52.398  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 5.468 | 96  | 237518  | 56.388  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.362 | 45  | 797140  | 52.487  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.303 | 43  | 2095693 | 270.380 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.262 | 63  | 470301  | 52.507  | ug/l   | 99  |
| 25) 2-Butanone               | 7.209 | 43  | 319013  | 238.635 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 418289  | 51.758  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.209 | 96  | 283037  | 52.632  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.544 | 49  | 185017  | 51.310  | ug/l   | 85  |
| 29) Tetrahydrofuran          | 7.561 | 42  | 189085  | 240.545 | ug/l   | 95  |
| 30) Chloroform               | 7.709 | 83  | 490138  | 51.366  | ug/l   | 98  |
| 31) Cyclohexane              | 7.979 | 56  | 390815  | 54.169  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 7.903 | 97  | 438896  | 51.788  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.109 | 75  | 354982  | 55.745  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.291 | 43  | 131255  | 47.054  | ug/l # | 97  |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 382798  | 52.883  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.350 | 83  | 407111  | 56.812  | ug/l   | 98  |
| 40) Benzene                  | 8.350 | 78  | 992515  | 54.632  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031422\  
 Data File : VD072160.D  
 Acq On : 14 Mar 2022 10:42  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 01:21:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 83167    | 51.153  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 286644   | 52.013  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 263607   | 48.688  | ug/l   | 93       |
| 44) Trichloroethene           | 9.108  | 130  | 274703   | 53.862  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 263110   | 52.808  | ug/l   | 97       |
| 46) Dibromomethane            | 9.473  | 93   | 130796   | 53.367  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.656  | 83   | 375353   | 52.535  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.450  | 41   | 133329   | 51.574  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.456  | 88   | 26656    | 906.974 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 669957   | 235.597 | ug/l   | 95       |
| 52) Toluene                   | 10.397 | 92   | 644885   | 53.945  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 338008   | 51.779  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 404328   | 53.580  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 187442   | 50.205  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 216587   | 49.528  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 318148   | 50.774  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 496471   | 252.497 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.979 | 43   | 468849   | 238.718 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.132 | 129  | 241630   | 49.876  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 172377   | 51.095  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 225601   | 54.130  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.661 | 112  | 694972   | 52.995  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 265116   | 51.123  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.738 | 91   | 1258778  | 53.743  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.844 | 106  | 987080   | 110.985 | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 460535   | 54.136  | ug/l   | 97       |
| 70) Styrene                   | 12.185 | 104  | 795661   | 53.561  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 135049   | 48.752  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1287365  | 54.769  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 249578   | 49.408  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 198751   | 47.278  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 262884   | 80.345  | ug/l # | 100      |
| 77) Bromobenzene              | 12.755 | 156  | 279371   | 52.806  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.814 | 91   | 1564789  | 54.807  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.897 | 91   | 880923   | 53.359  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 1076038  | 53.286  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 64138    | 48.635  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 907596   | 53.093  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 938917   | 53.034  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 1054493  | 52.997  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 1412777  | 53.139  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 1173579  | 53.643  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 581604   | 52.454  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 569058   | 51.757  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 1132381  | 54.303  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.096 | 117  | 224614   | 52.384  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 498805   | 51.598  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 31506    | 46.960  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 324400   | 50.686  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 188443   | 50.616  | ug/l   | 98       |
| 95) Naphthalene               | 15.385 | 128  | 540476   | 48.989  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 276537   | 49.917  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031422\  
Data File : VD072160.D  
Acq On : 14 Mar 2022 10:42  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

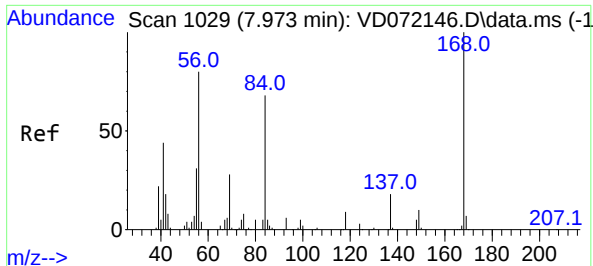
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 15 01:21:36 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 14 05:18:06 2022  
Response via : Initial Calibration

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

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

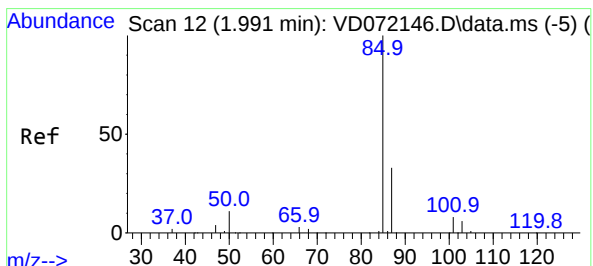
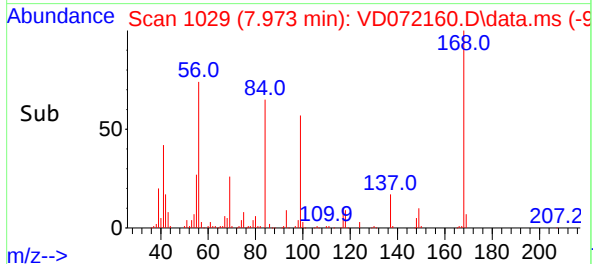
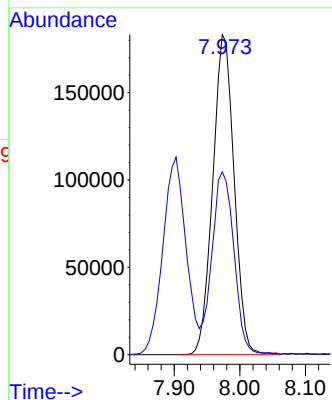
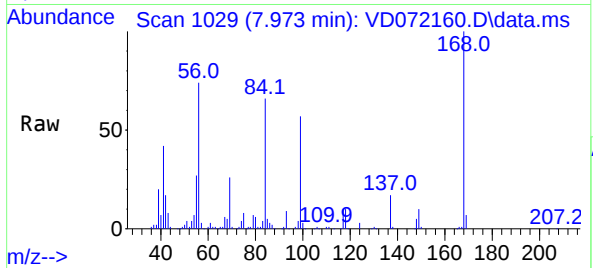




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

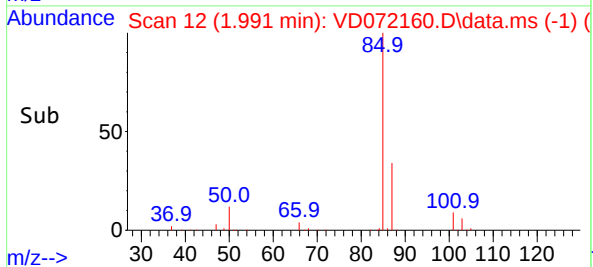
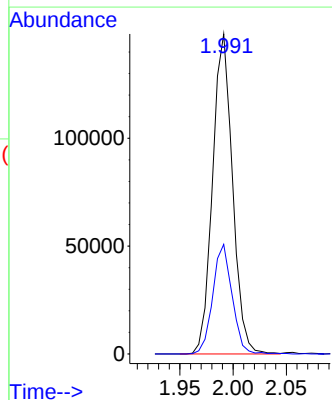
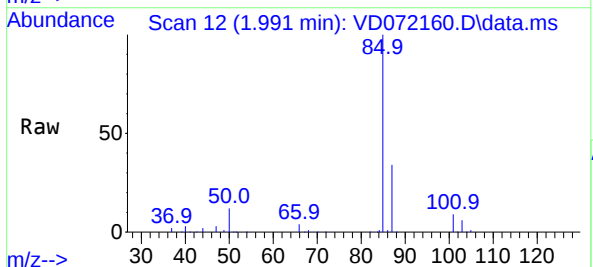
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 414365  
Ion Ratio Lower Upper  
168 100  
99 57.0 49.8 74.6

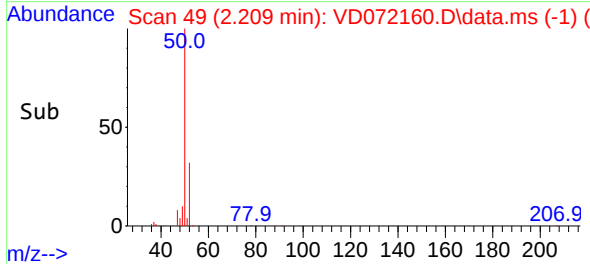
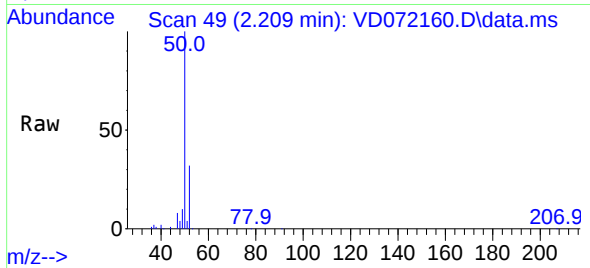
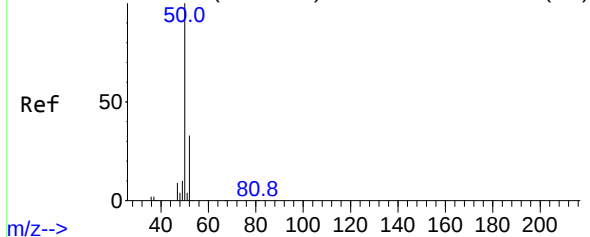


#2  
Dichlorodifluoromethane  
Concen: 50.470 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 85 Resp: 193431  
Ion Ratio Lower Upper  
85 100  
87 34.2 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 55.232 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

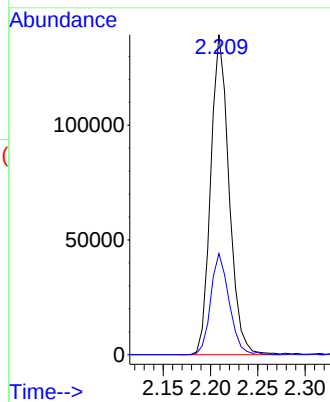
VSTDCCC050

Tgt Ion: 50 Resp: 188103

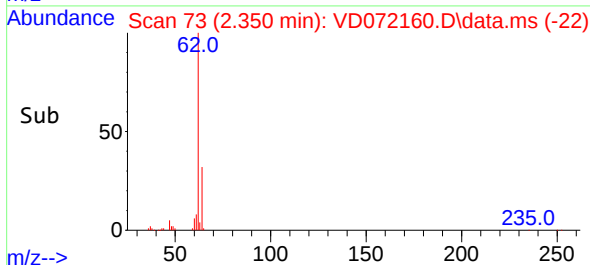
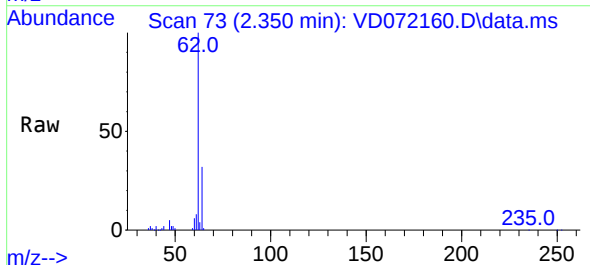
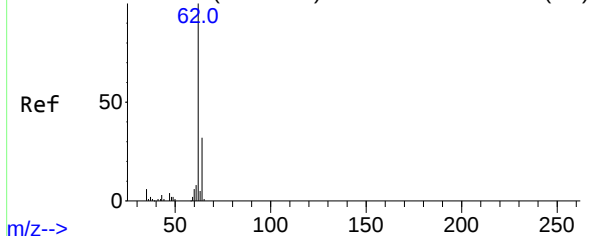
Ion Ratio Lower Upper

50 100

52 31.6 27.4 41.0



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 57.025 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD072160.D

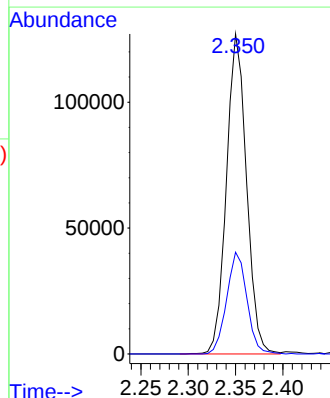
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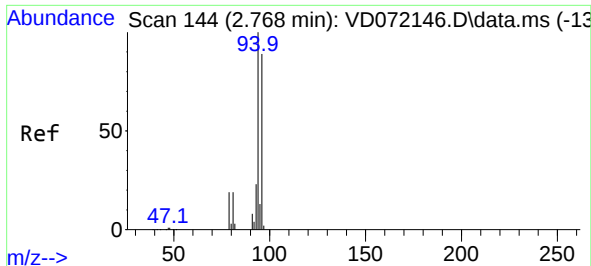
Tgt Ion: 62 Resp: 187466

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0

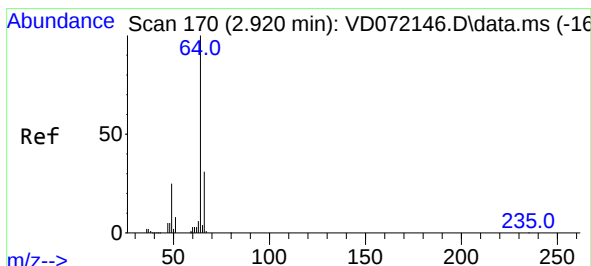
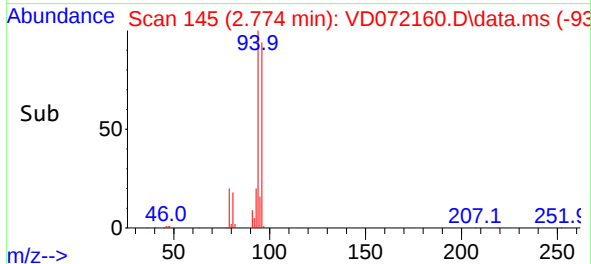
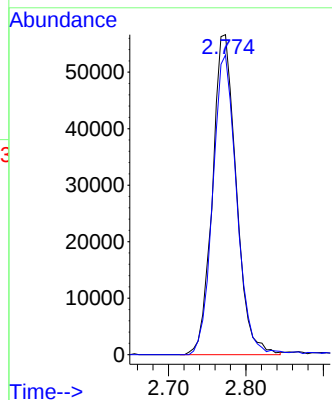
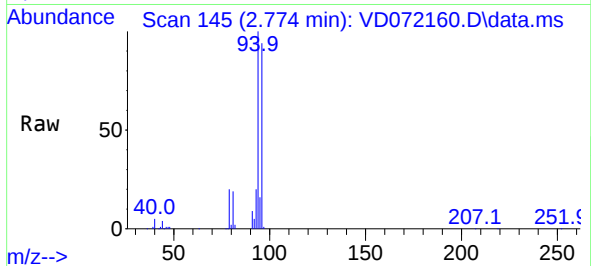




#5  
Bromomethane  
Concen: 56.397 ug/l  
RT: 2.774 min Scan# 144  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

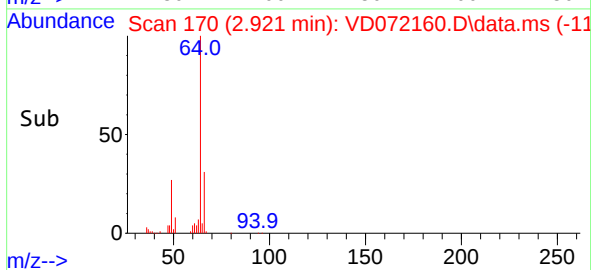
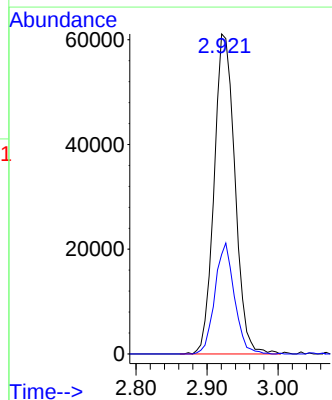
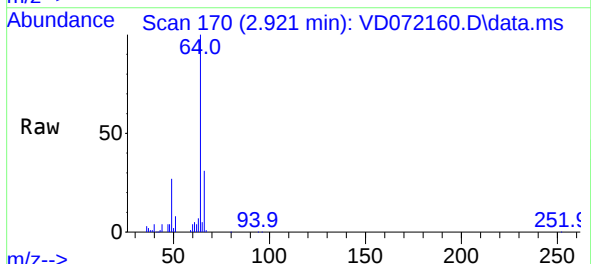
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

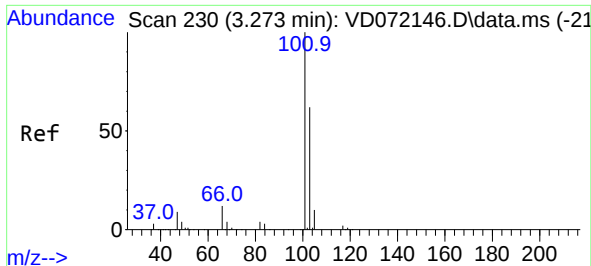
Tgt Ion: 94 Resp: 120728  
Ion Ratio Lower Upper  
94 100  
96 93.6 77.6 116.4



#6  
Chloroethane  
Concen: 57.166 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 64 Resp: 124251  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.9 38.9

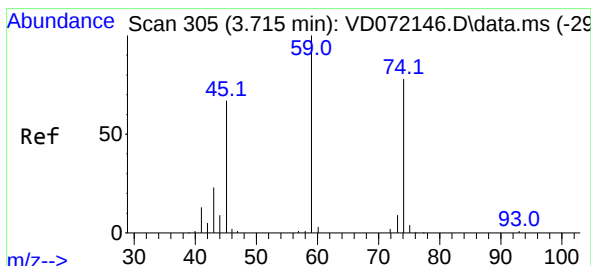
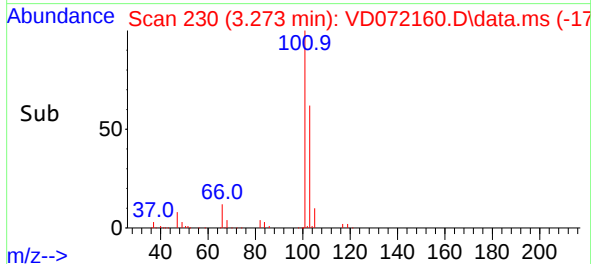
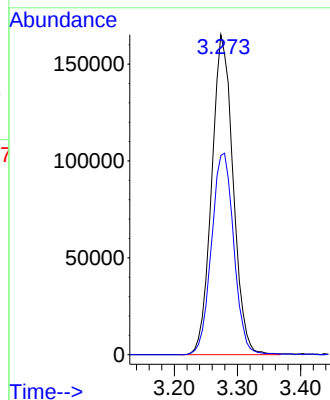
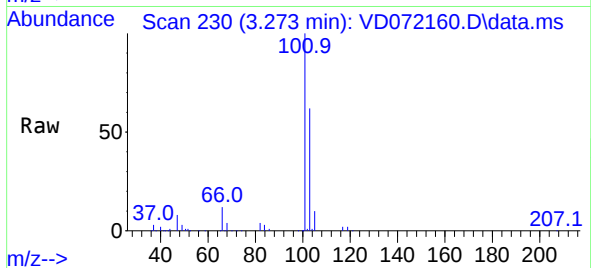




#7  
Trichlorofluoromethane  
Concen: 52.390 ug/l  
RT: 3.273 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

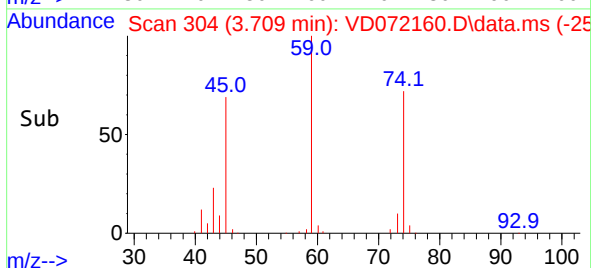
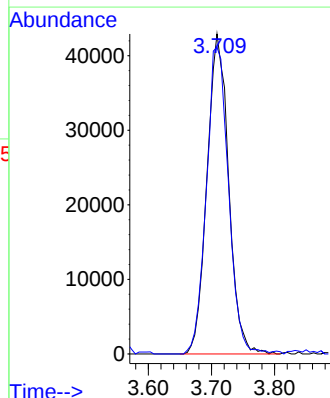
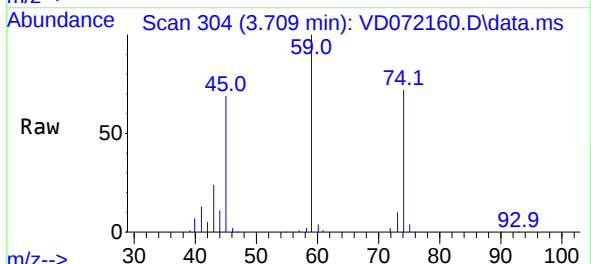
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 388946  
Ion Ratio Lower Upper  
101 100  
103 62.3 50.1 75.1



#8  
Diethyl Ether  
Concen: 49.839 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 74 Resp: 102189  
Ion Ratio Lower Upper  
74 100  
45 98.4 52.6 157.8

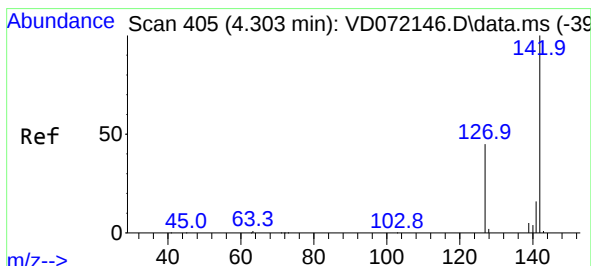
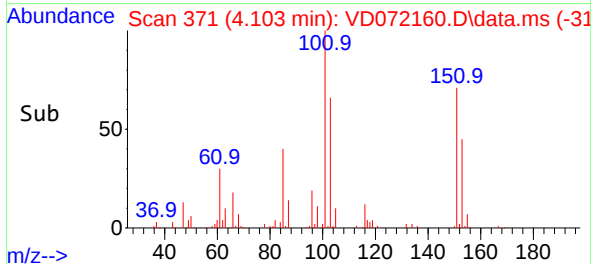
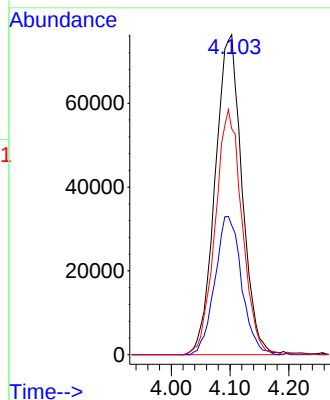
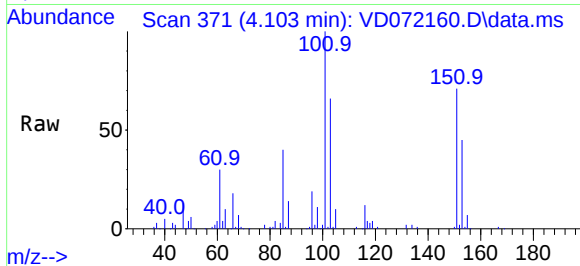




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.017 ug/l  
RT: 4.103 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

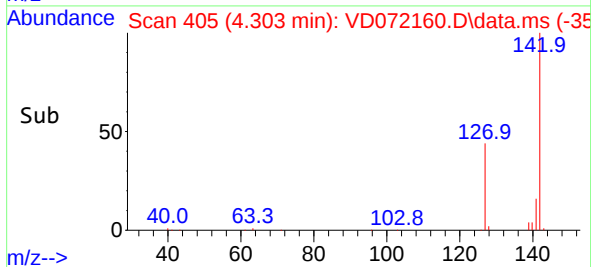
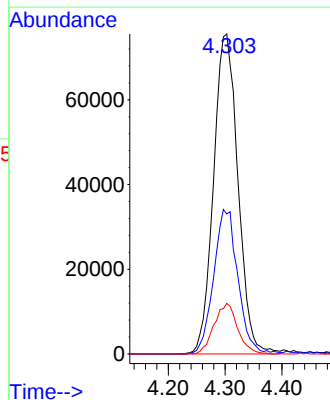
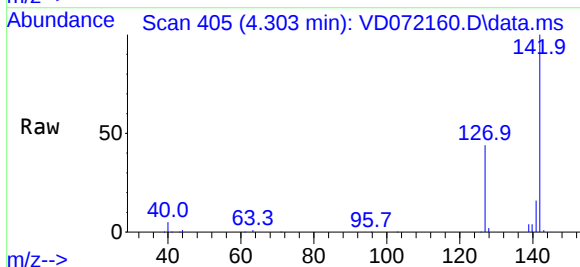
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 241501  
Ion Ratio Lower Upper  
101 100  
85 43.1 36.4 54.6  
151 76.8 57.3 85.9



#10  
Methyl Iodide  
Concen: 53.083 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:142 Resp: 225732  
Ion Ratio Lower Upper  
142 100  
127 44.9 37.3 55.9  
141 15.2 11.7 17.5

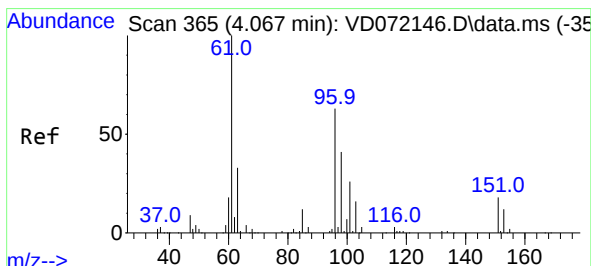
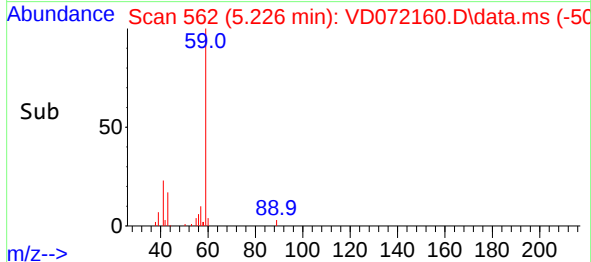
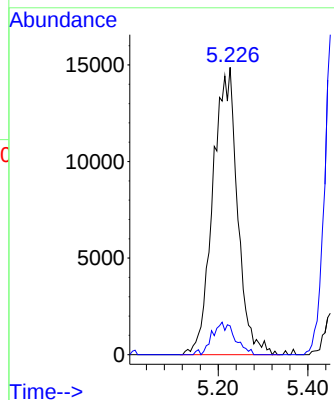
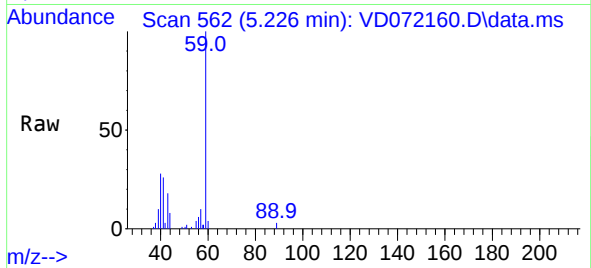




#11  
Tert butyl alcohol  
Concen: 212.247 ug/l  
RT: 5.226 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

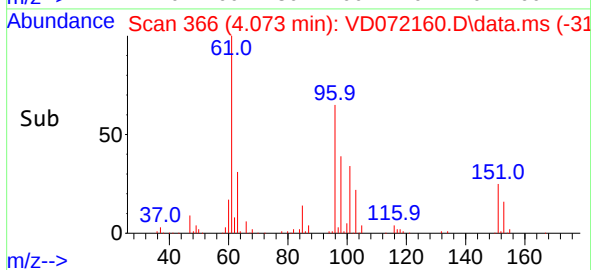
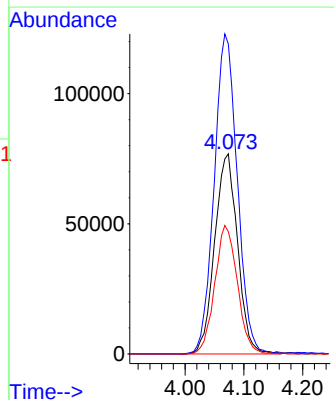
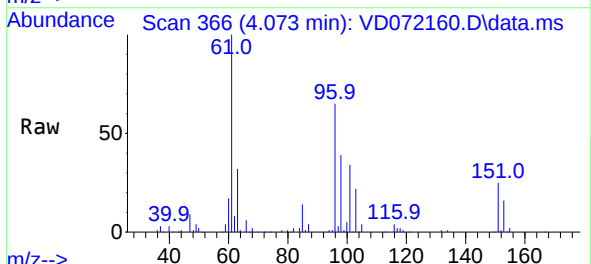
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

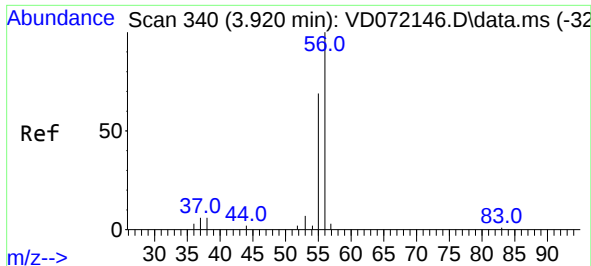
Tgt Ion: 59 Resp: 56829  
Ion Ratio Lower Upper  
59 100  
57 10.2 7.8 11.6



#12  
1,1-Dichloroethene  
Concen: 54.670 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 96 Resp: 208199  
Ion Ratio Lower Upper  
96 100  
61 154.8 138.5 207.7  
98 61.1 48.6 73.0

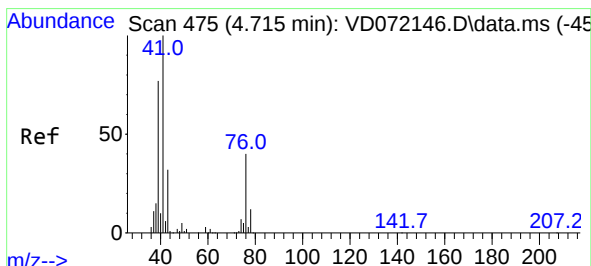
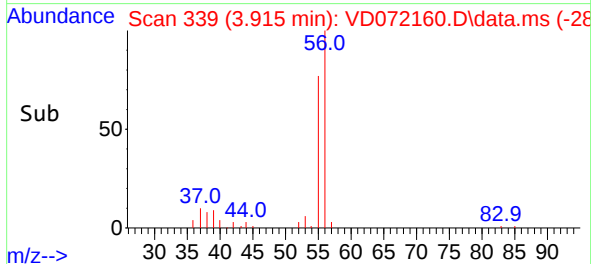
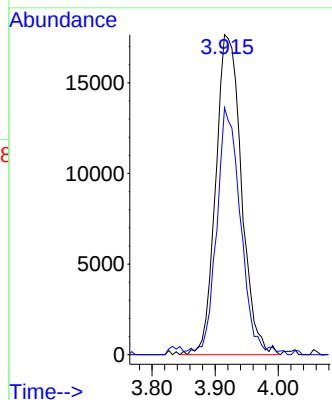
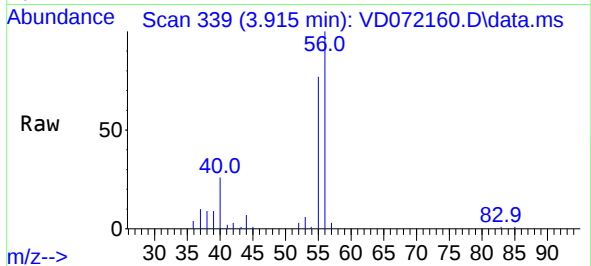




#13  
Acrolein  
Concen: 209.151 ug/l  
RT: 3.915 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

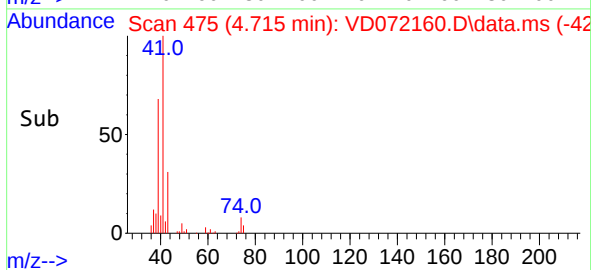
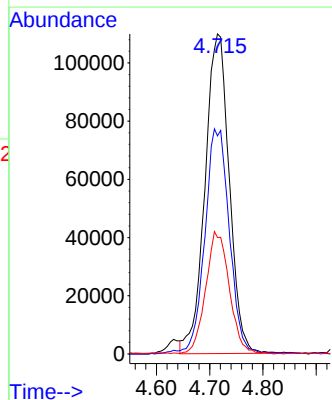
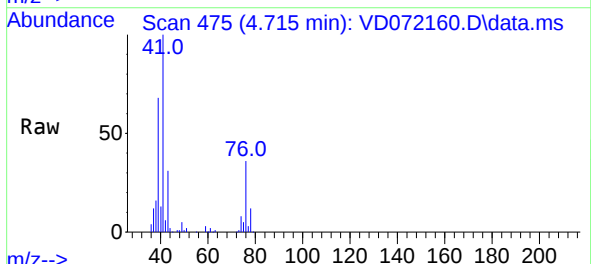
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

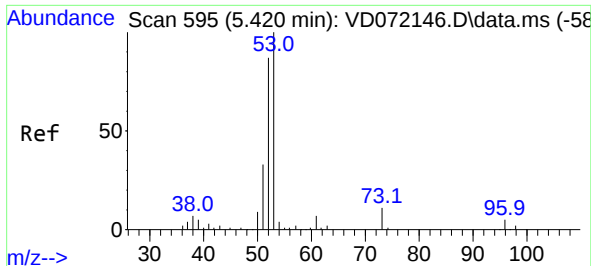
Tgt Ion: 56 Resp: 49970  
Ion Ratio Lower Upper  
56 100  
55 71.9 57.1 85.7



#14  
Allyl chloride  
Concen: 52.296 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 41 Resp: 348216  
Ion Ratio Lower Upper  
41 100  
39 71.3 59.3 88.9  
76 36.7 25.7 38.5

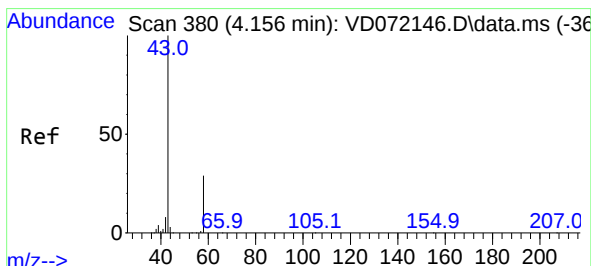
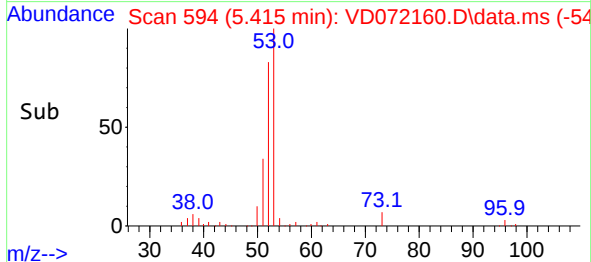
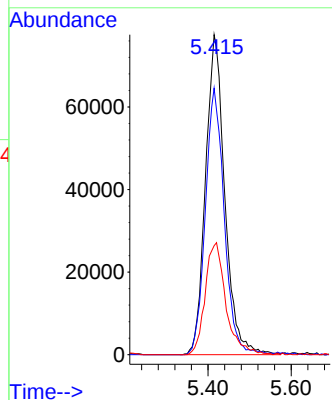
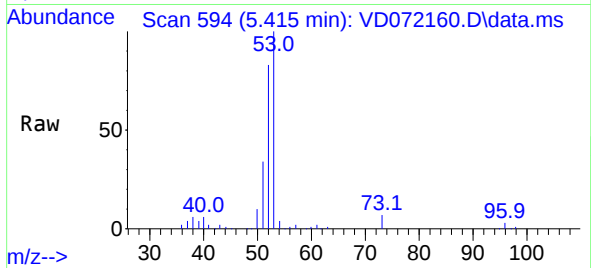




#15  
Acrylonitrile  
Concen: 241.293 ug/l  
RT: 5.415 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

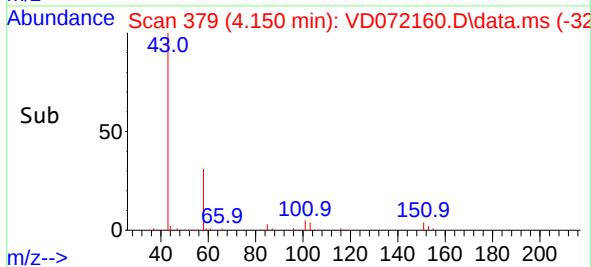
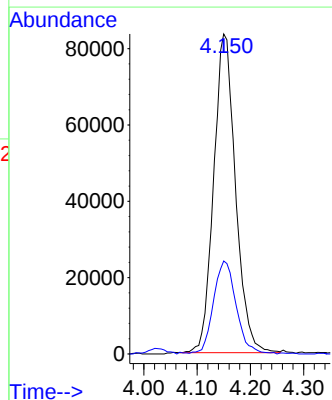
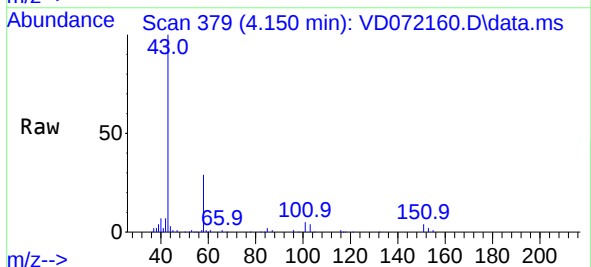
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

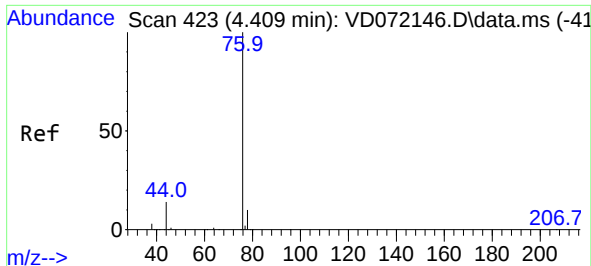
Tgt Ion: 53 Resp: 249638  
Ion Ratio Lower Upper  
53 100  
52 81.8 67.2 100.8  
51 37.7 30.3 45.5



#16  
Acetone  
Concen: 237.539 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 43 Resp: 238164  
Ion Ratio Lower Upper  
43 100  
58 28.9 22.1 33.1

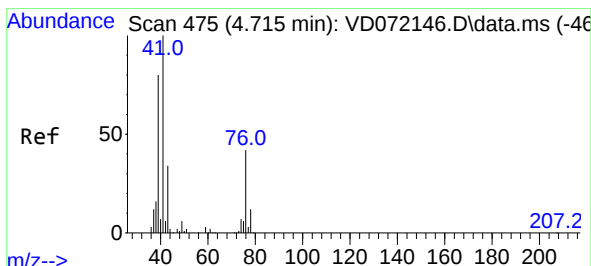
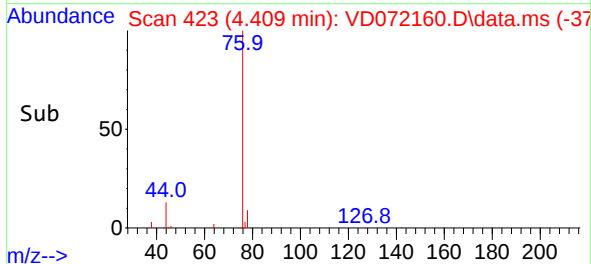
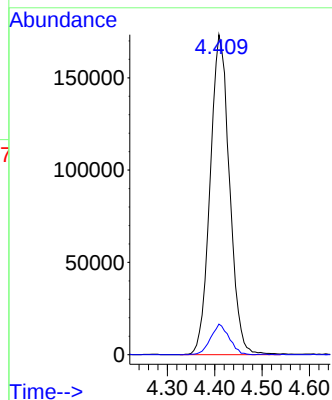
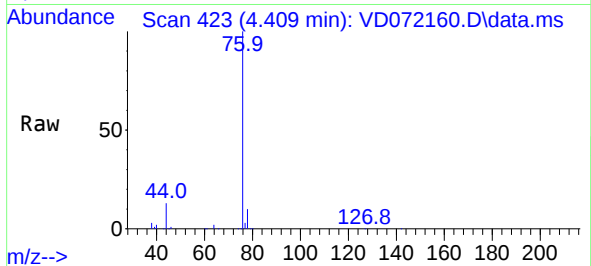




#17  
Carbon Disulfide  
Concen: 55.274 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

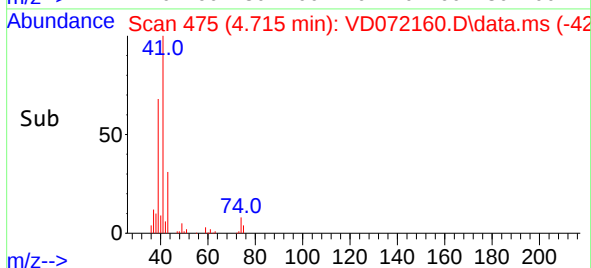
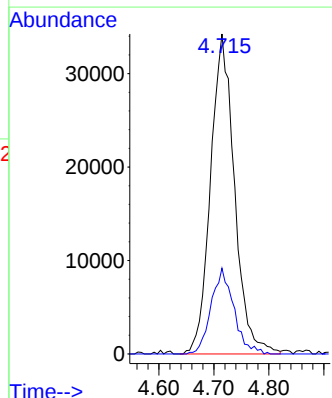
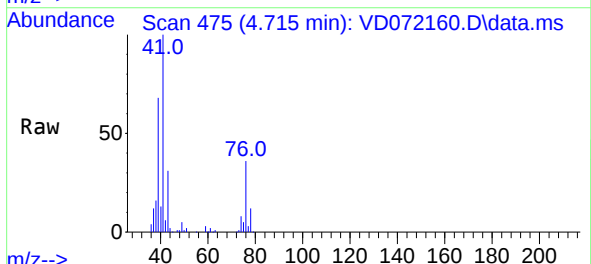
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

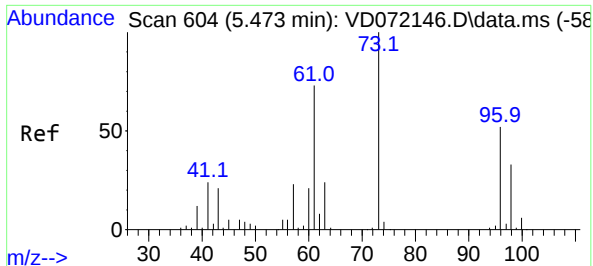
Tgt Ion: 76 Resp: 492393  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 42.152 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 43 Resp: 103569  
Ion Ratio Lower Upper  
43 100  
74 25.4 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 49.604 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

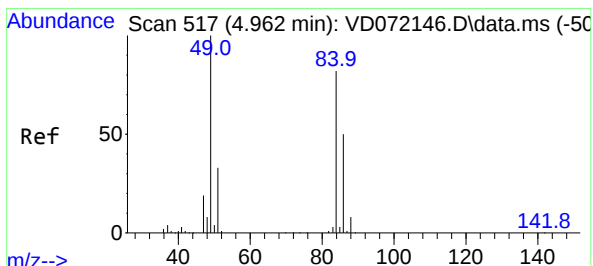
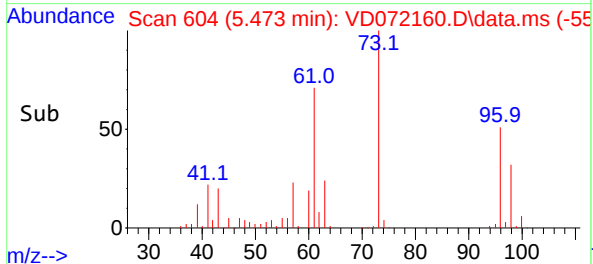
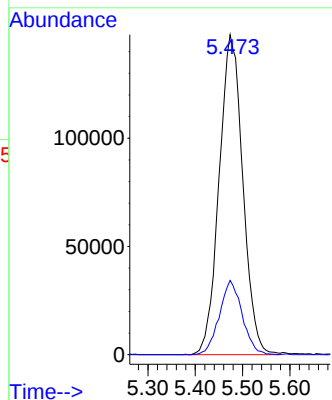
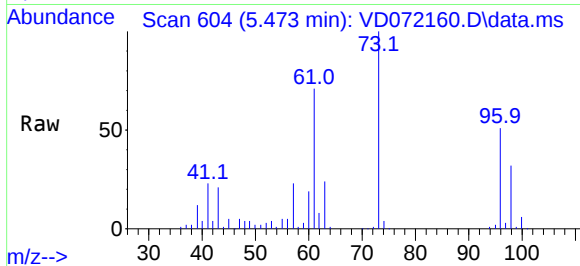
VSTDCCC050

Tgt Ion: 73 Resp: 513448

Ion Ratio Lower Upper

73 100

57 23.2 18.0 27.0



#20

Methylene Chloride

Concen: 52.398 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Tgt Ion: 84 Resp: 258498

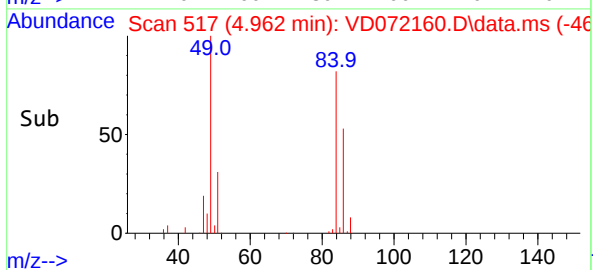
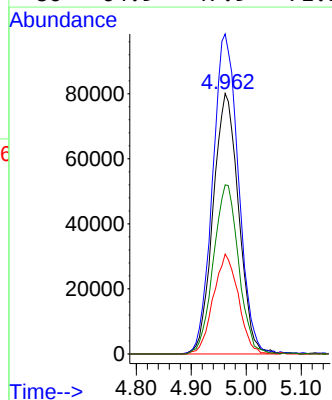
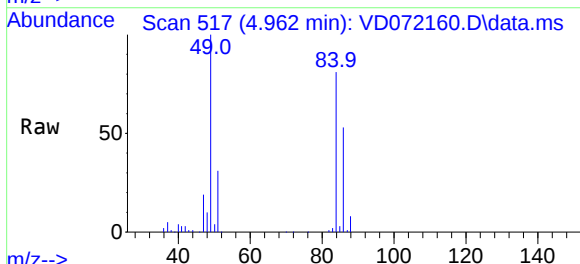
Ion Ratio Lower Upper

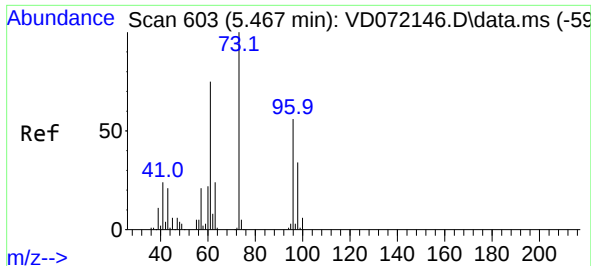
84 100

49 122.9 112.8 169.2

51 38.3 32.6 48.8

86 64.9 47.9 71.9

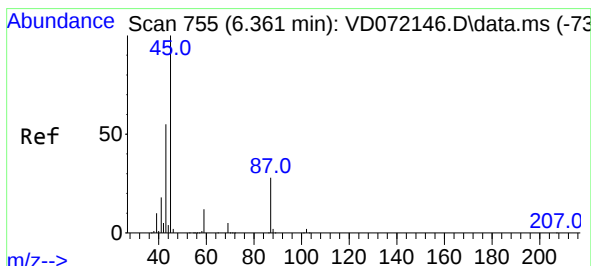
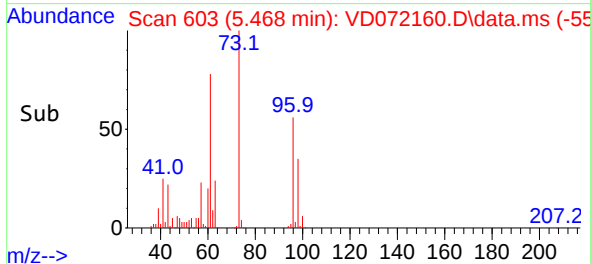
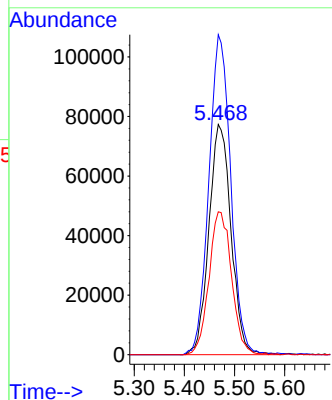
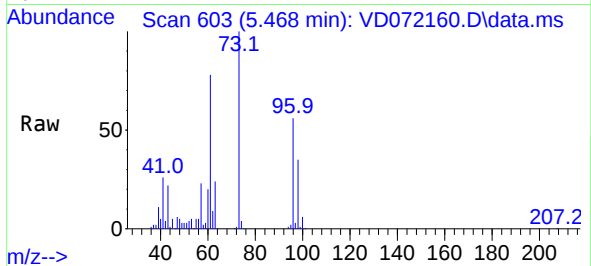




#21  
trans-1,2-Dichloroethene  
Concen: 56.388 ug/l  
RT: 5.468 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

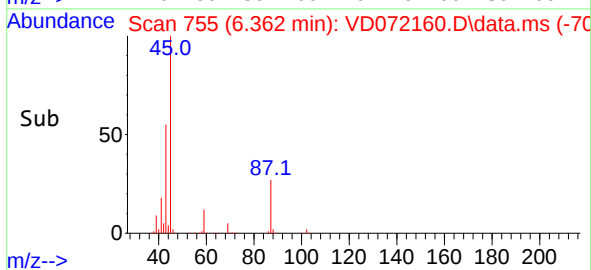
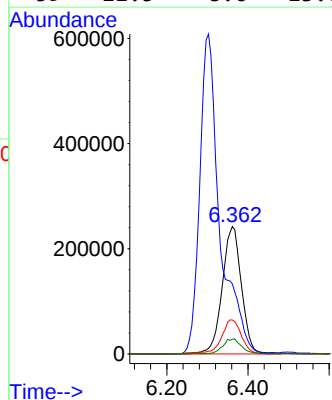
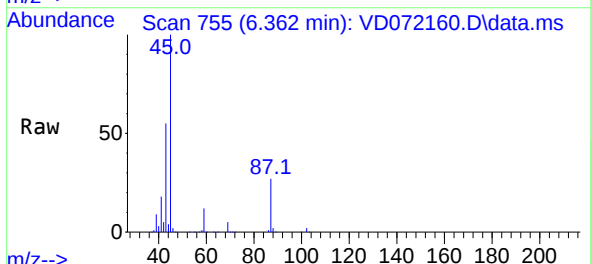
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

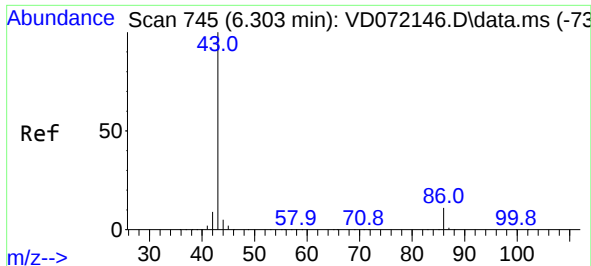
Tgt Ion: 96 Resp: 237518  
Ion Ratio Lower Upper  
96 100  
61 139.0 117.9 176.9  
98 62.1 49.4 74.2



#22  
Diisopropyl ether  
Concen: 52.487 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 45 Resp: 797140  
Ion Ratio Lower Upper  
45 100  
43 54.9 46.6 70.0  
87 26.5 18.4 27.6  
59 11.5 8.6 13.0

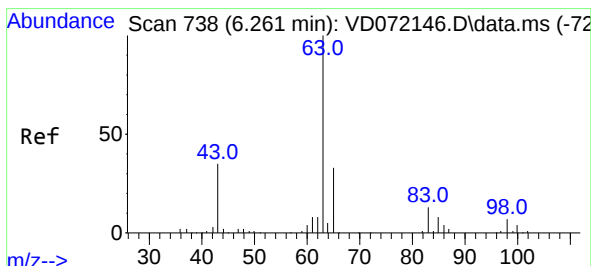
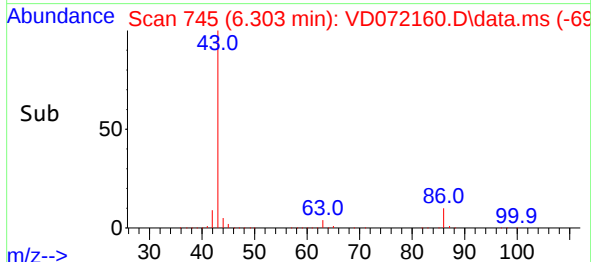
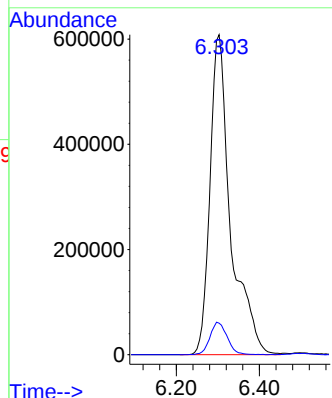
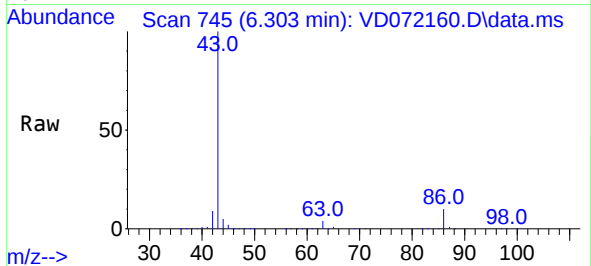




#23  
 Vinyl Acetate  
 Concen: 270.380 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. 0.000 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

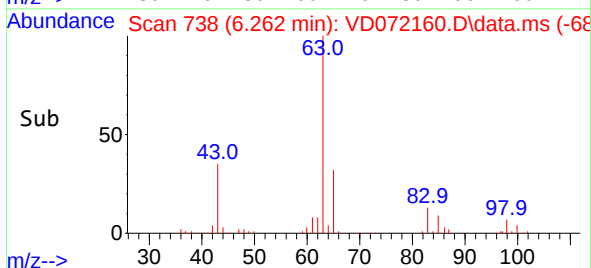
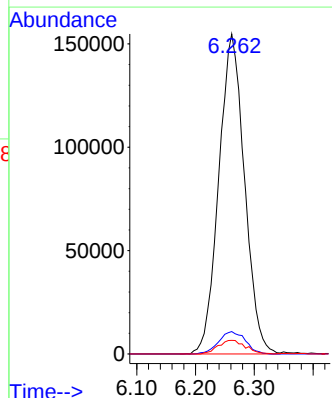
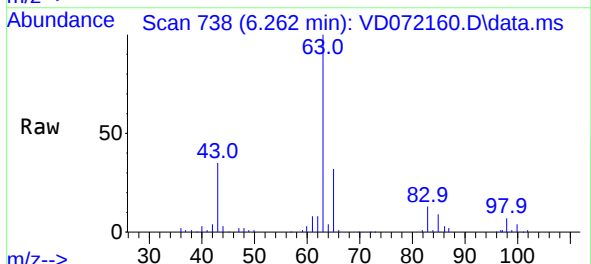
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2095693  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.1 10.7



#24  
 1,1-Dichloroethane  
 Concen: 52.507 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

Tgt Ion: 63 Resp: 470301  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.6 10.9  
 100 4.3 2.1 6.5

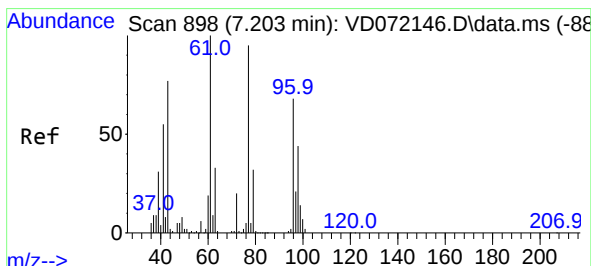
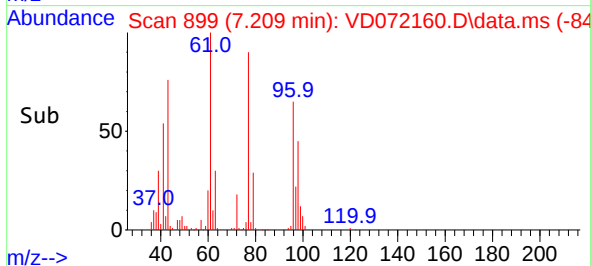
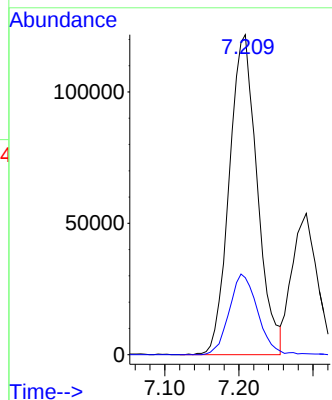
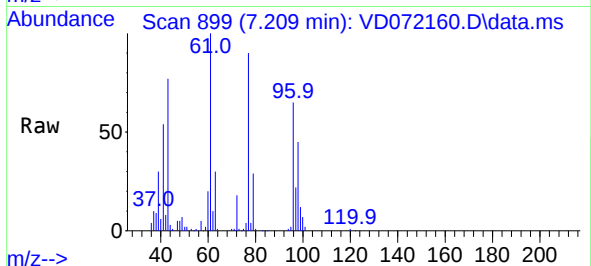




#25  
2-Butanone  
Concen: 238.635 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

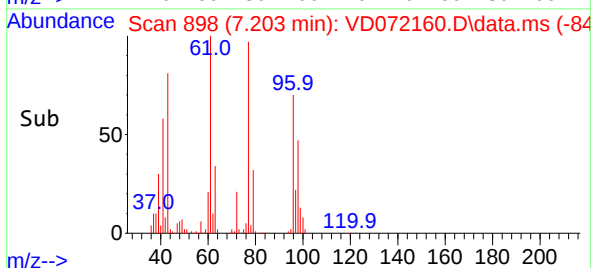
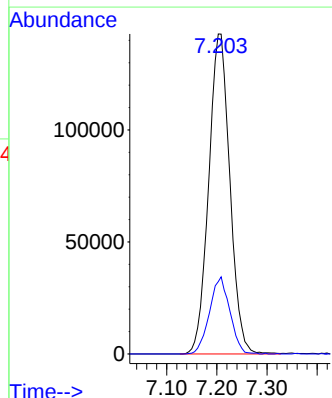
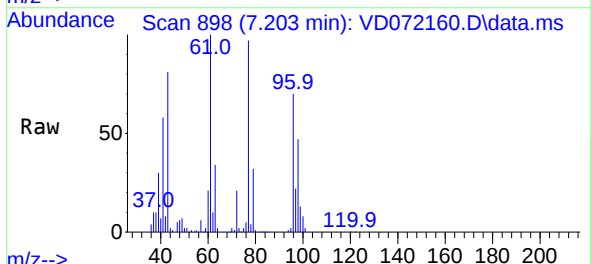
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

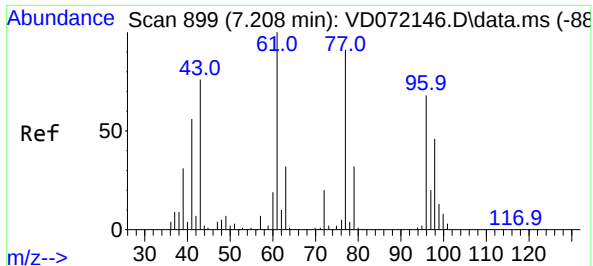
Tgt Ion: 43 Resp: 319013  
Ion Ratio Lower Upper  
43 100  
72 24.1 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 51.758 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 77 Resp: 418289  
Ion Ratio Lower Upper  
77 100  
97 23.2 10.8 32.4

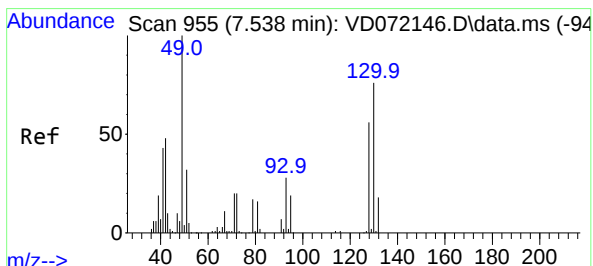
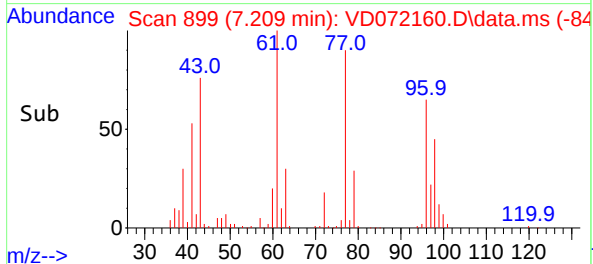
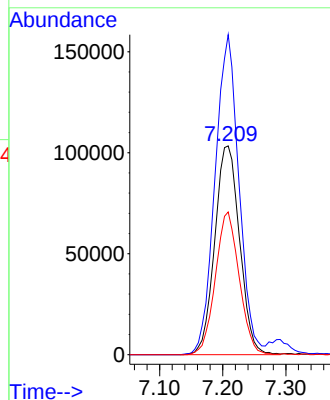
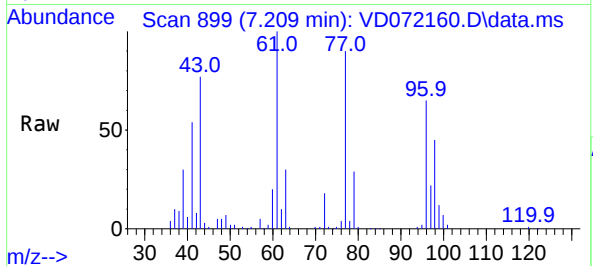




#27  
cis-1,2-Dichloroethene  
Concen: 52.632 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

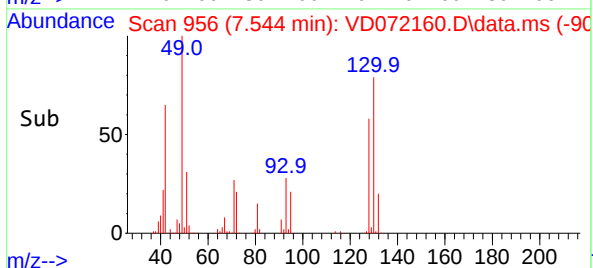
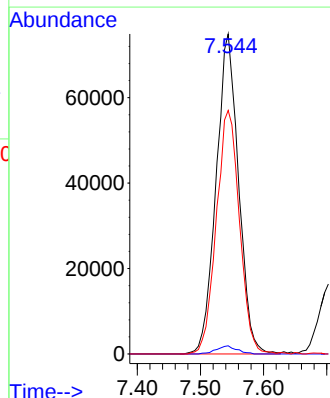
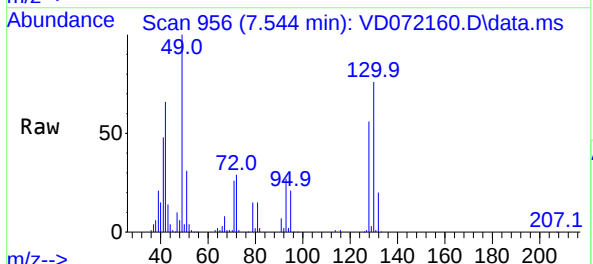
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

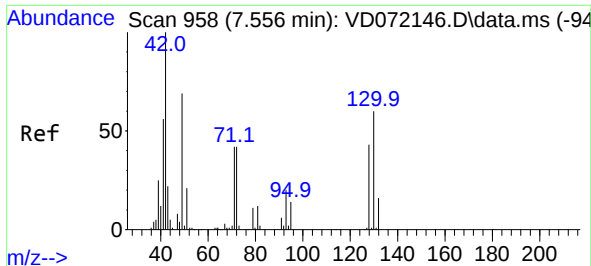
Tgt Ion: 96 Resp: 283037  
Ion Ratio Lower Upper  
96 100  
61 147.5 0.0 313.8  
98 65.5 0.0 128.8



#28  
Bromochloromethane  
Concen: 51.310 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 49 Resp: 185017  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.0  
130 78.3 52.6 79.0

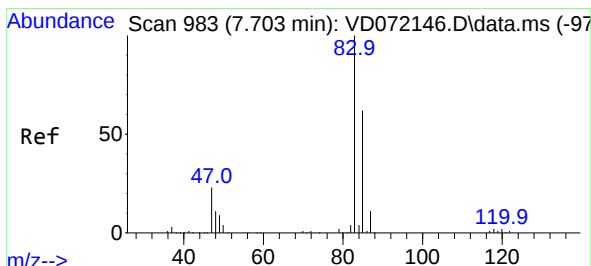
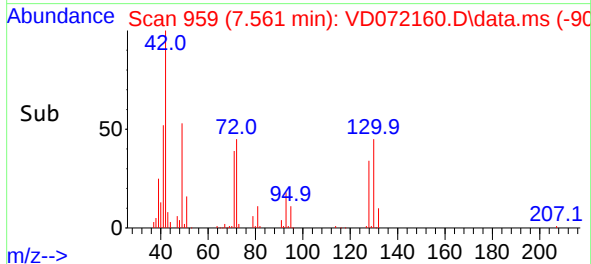
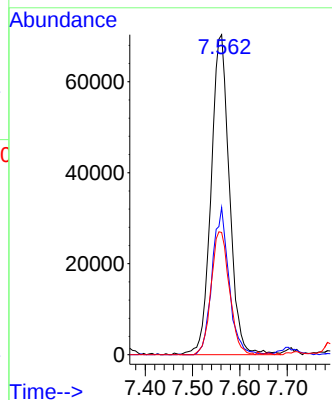
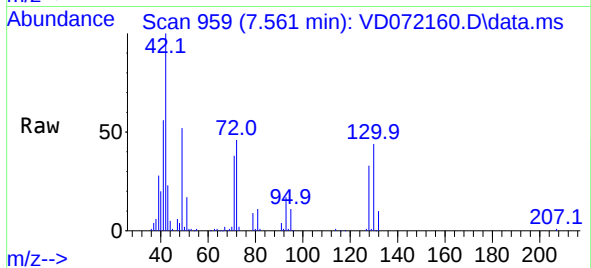




#29  
Tetrahydrofuran  
Concen: 240.545 ug/l  
RT: 7.561 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

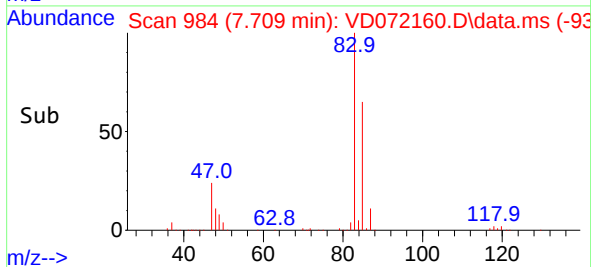
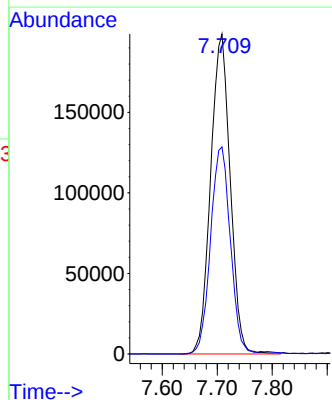
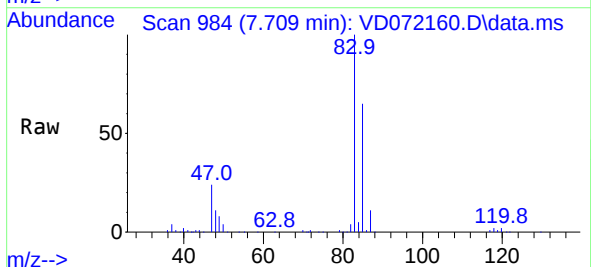
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

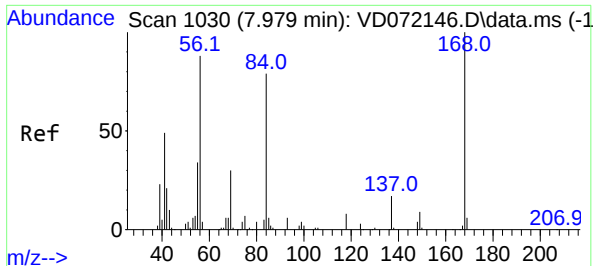
Tgt Ion: 42 Resp: 189085  
Ion Ratio Lower Upper  
42 100  
72 42.1 30.7 46.1  
71 38.2 28.6 43.0



#30  
Chloroform  
Concen: 51.366 ug/l  
RT: 7.709 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 83 Resp: 490138  
Ion Ratio Lower Upper  
83 100  
85 64.7 52.7 79.1





#31

Cyclohexane

Concen: 54.169 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

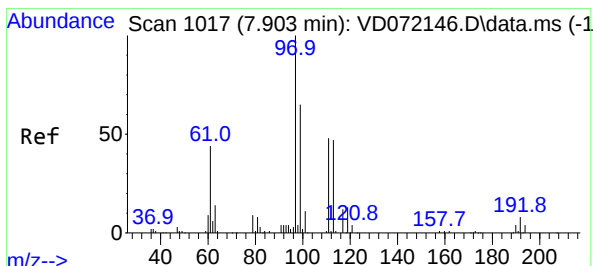
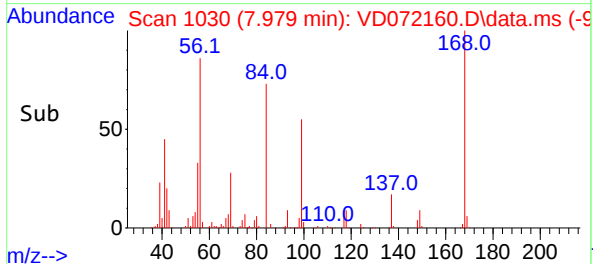
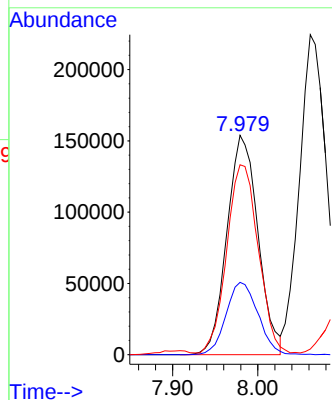
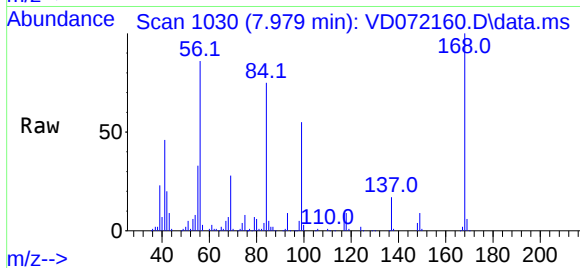
Tgt Ion: 56 Resp: 390815

Ion Ratio Lower Upper

56 100

69 33.0 25.4 38.2

84 84.8 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 51.788 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

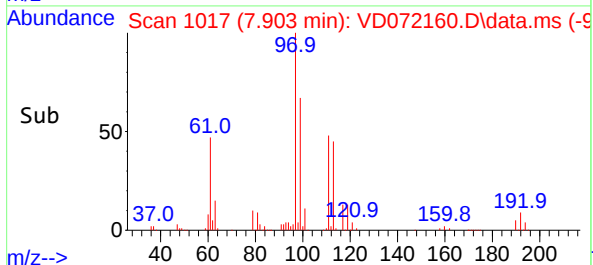
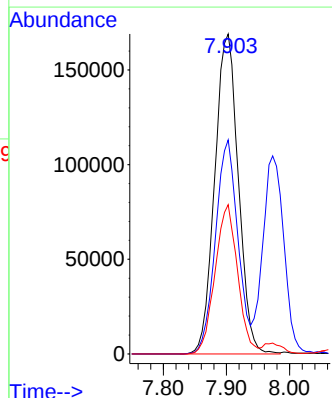
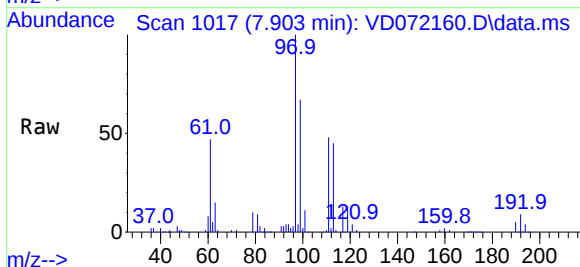
Tgt Ion: 97 Resp: 438896

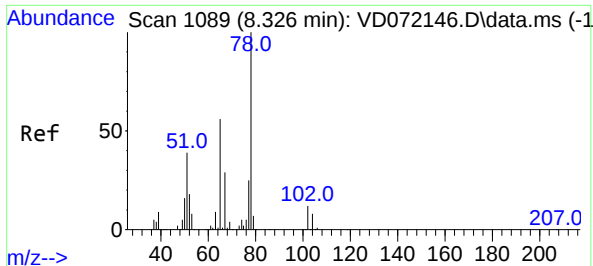
Ion Ratio Lower Upper

97 100

99 63.6 52.4 78.6

61 44.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 44.384 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

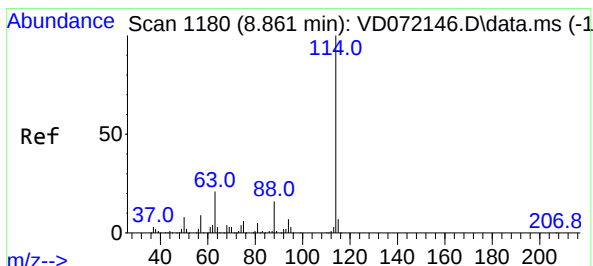
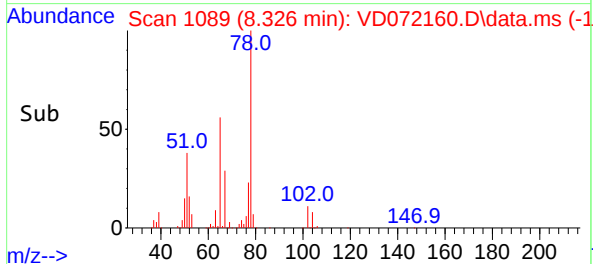
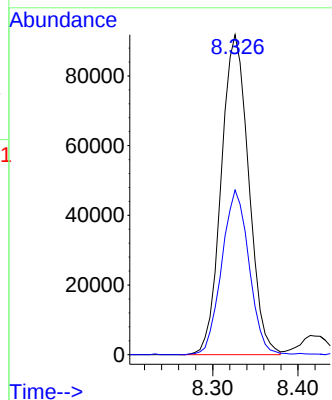
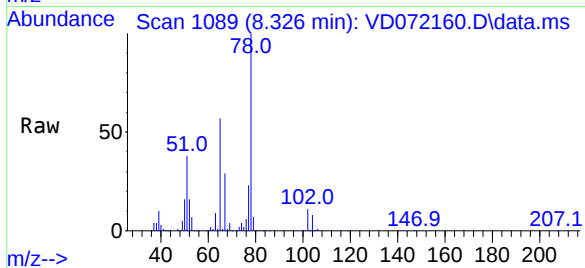
VSTDCCC050

Tgt Ion: 65 Resp: 204957

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

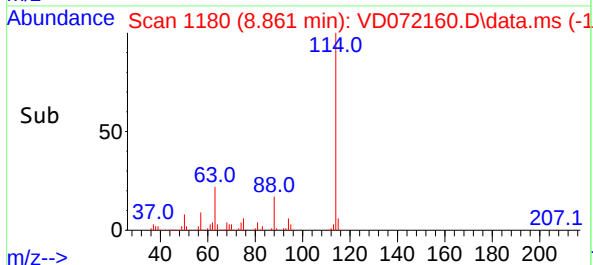
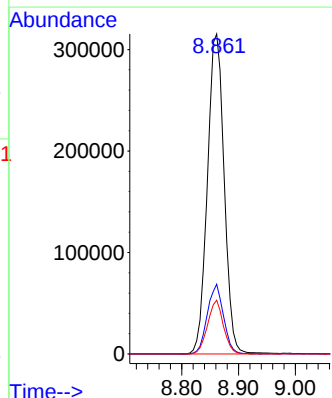
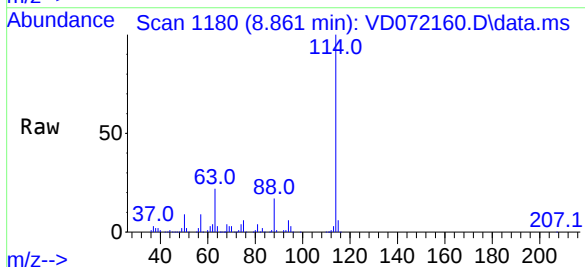
Tgt Ion: 114 Resp: 645050

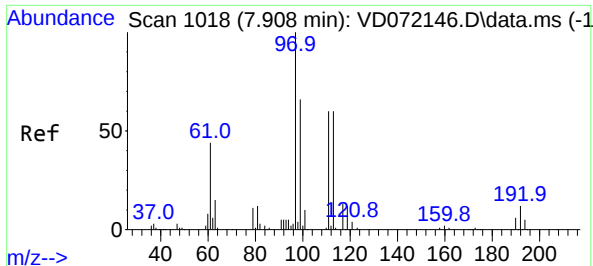
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 16.8 0.0 33.2

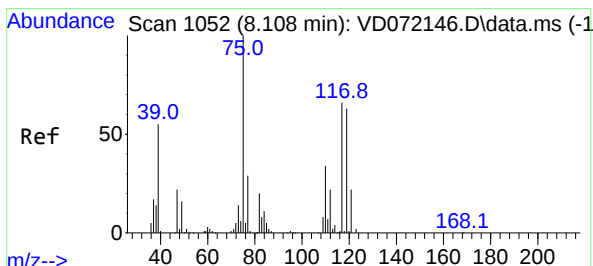
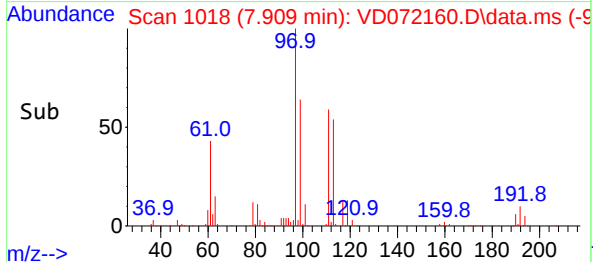
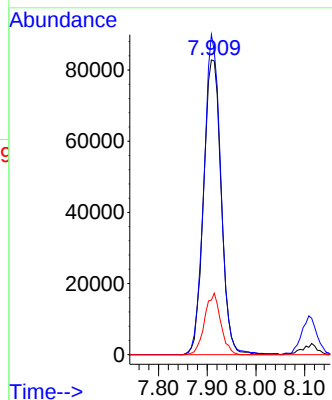
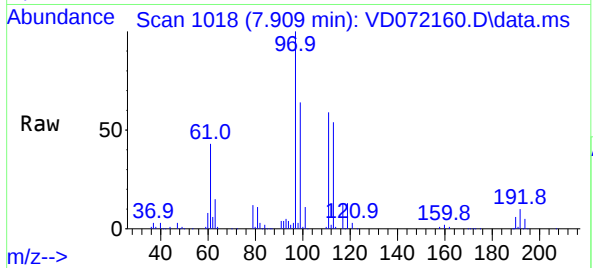




#35  
Dibromofluoromethane  
Concen: 45.858 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

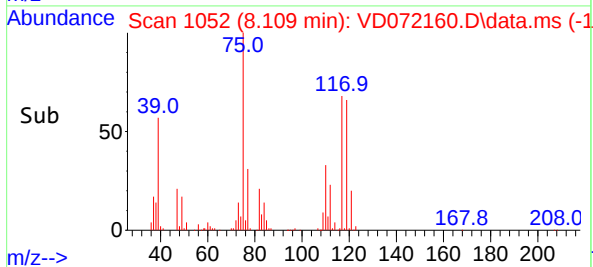
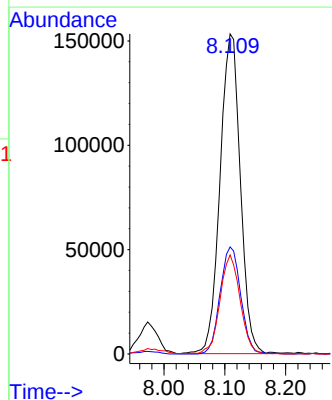
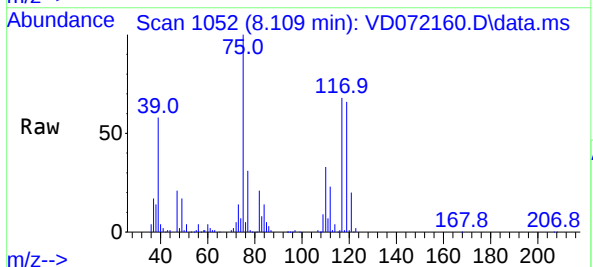
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:113 Resp: 208163  
Ion Ratio Lower Upper  
113 100  
111 103.8 83.8 125.6  
192 19.1 14.6 21.8



#36  
1,1-Dichloropropene  
Concen: 55.745 ug/l  
RT: 8.109 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 75 Resp: 354982  
Ion Ratio Lower Upper  
75 100  
110 34.0 16.4 49.1  
77 30.4 24.2 36.2





#37

Ethyl Acetate

Concen: 47.054 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

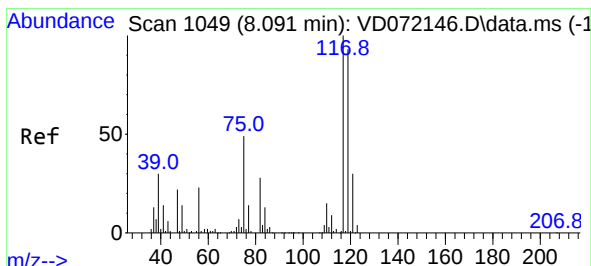
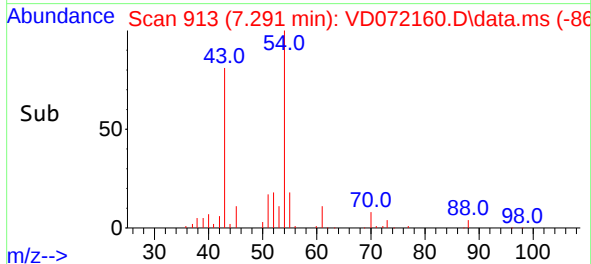
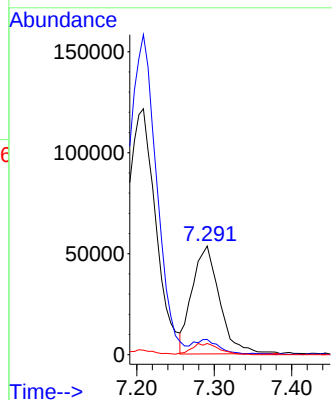
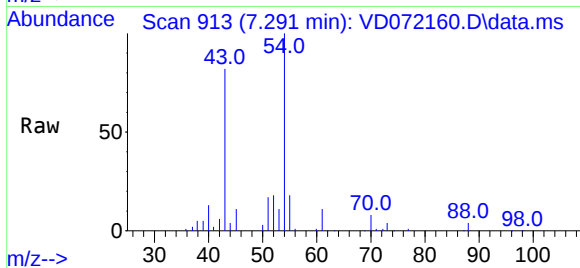
Tgt Ion: 43 Resp: 131255

Ion Ratio Lower Upper

43 100

61 11.8 9.8 14.8

70 10.4 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 52.883 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

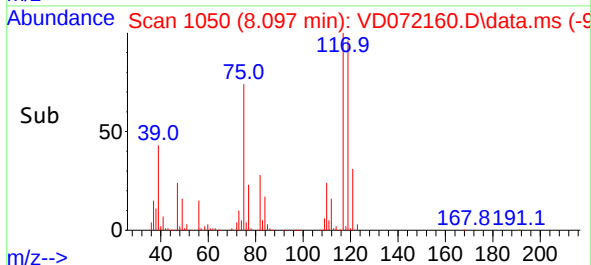
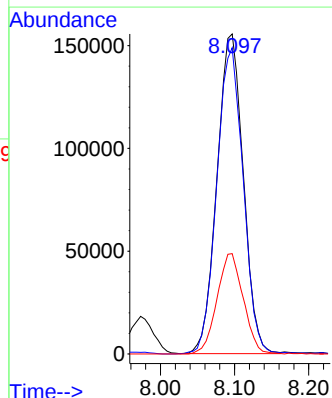
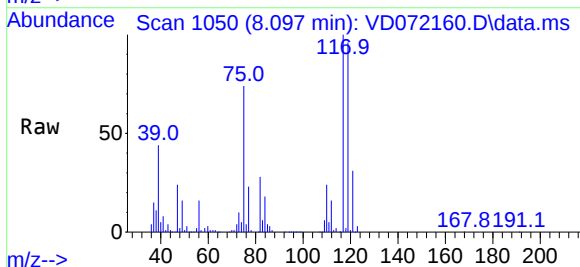
Tgt Ion: 117 Resp: 382798

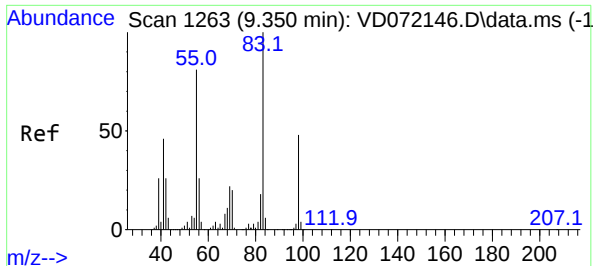
Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.6

121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 56.812 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

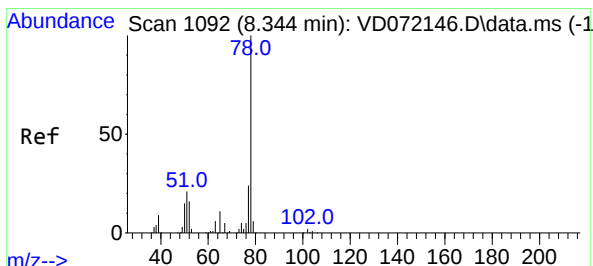
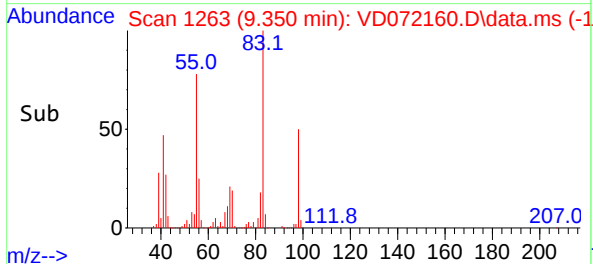
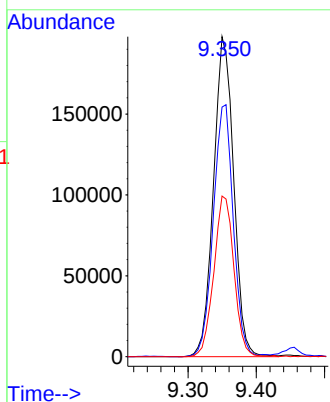
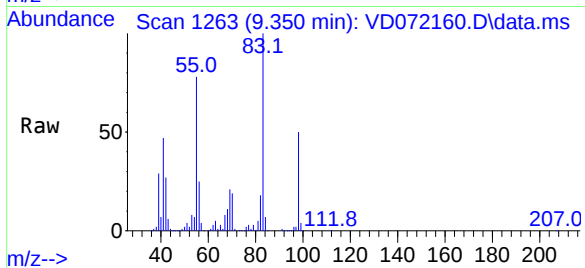
Tgt Ion: 83 Resp: 407111

Ion Ratio Lower Upper

83 100

55 78.0 63.2 94.8

98 50.2 38.2 57.4



#40

Benzene

Concen: 54.632 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072160.D

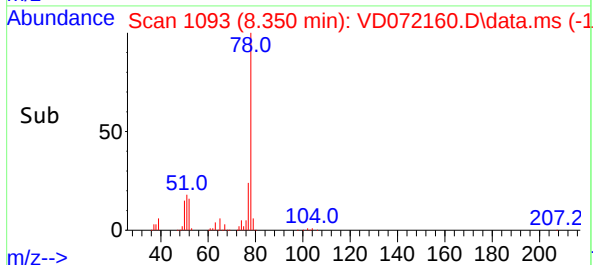
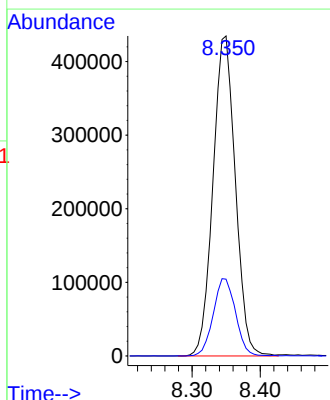
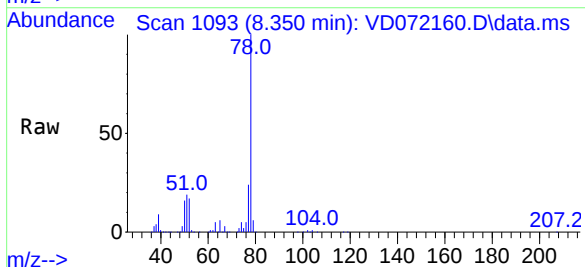
Acq: 14 Mar 2022 10:42

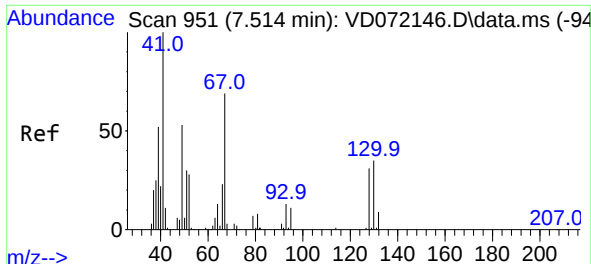
Tgt Ion: 78 Resp: 992515

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

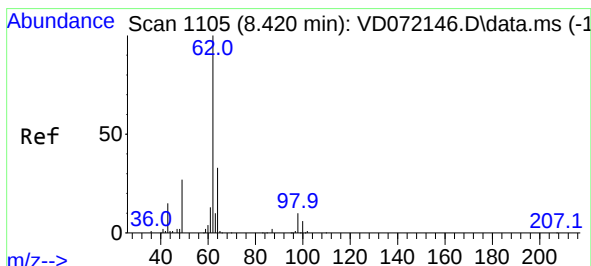
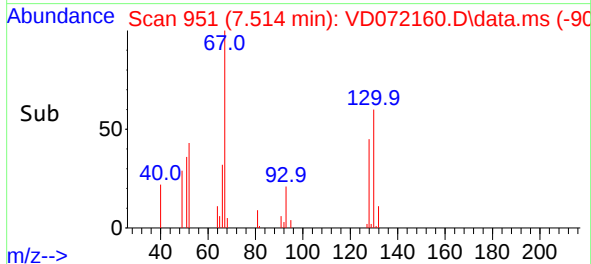
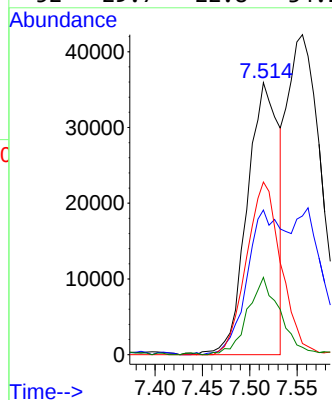
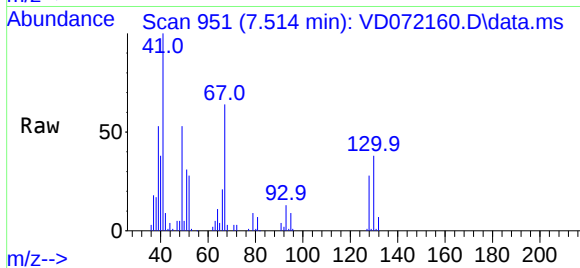




#41  
Methacrylonitrile  
Concen: 51.153 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

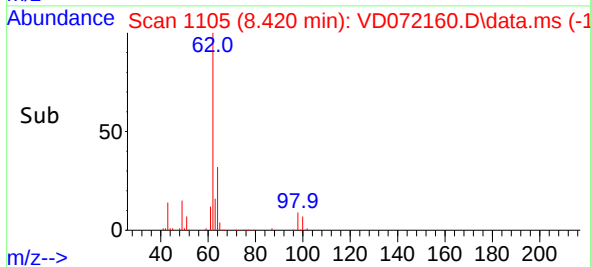
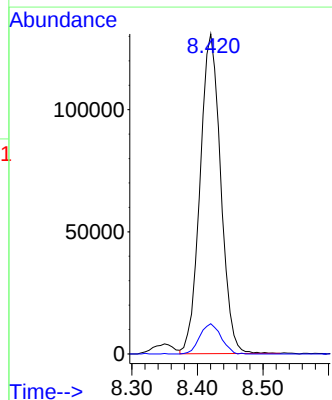
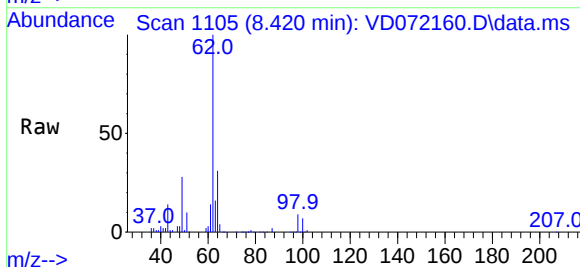
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 83167  
Ion Ratio Lower Upper  
41 100  
39 67.6 44.6 67.0#  
67 69.8 48.2 72.4  
52 29.7 22.8 34.2



#42  
1,2-Dichloroethane  
Concen: 52.013 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 62 Resp: 286644  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 17.6

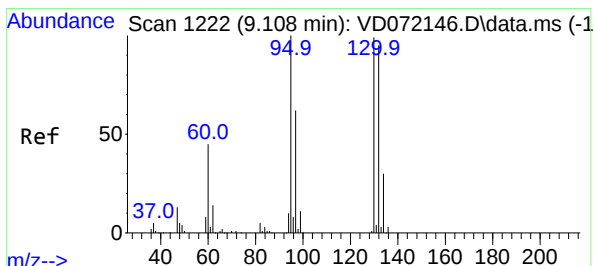
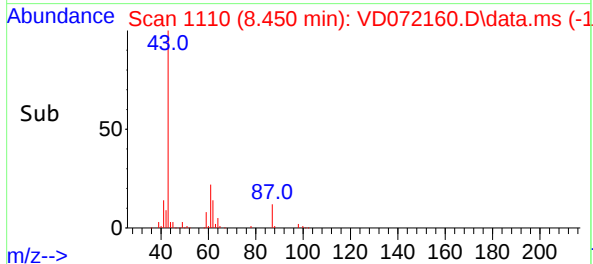
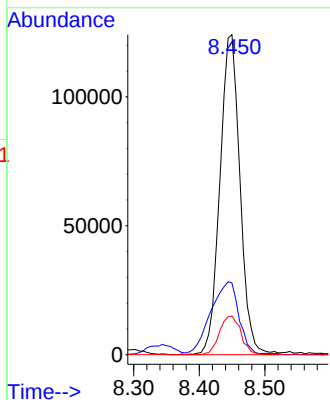
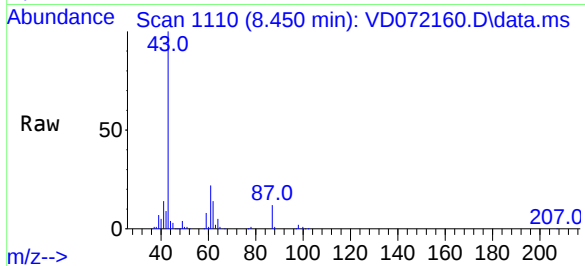




#43  
Isopropyl Acetate  
Concen: 48.688 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

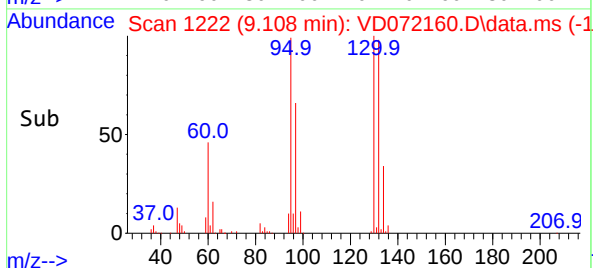
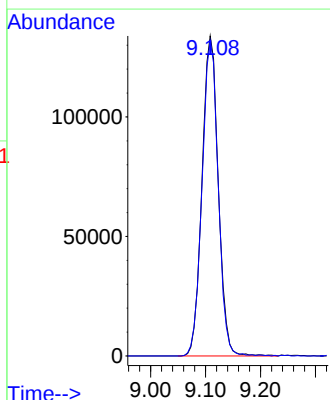
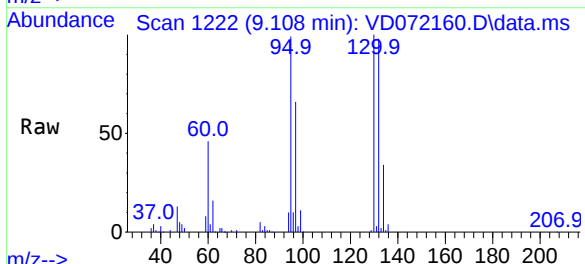
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

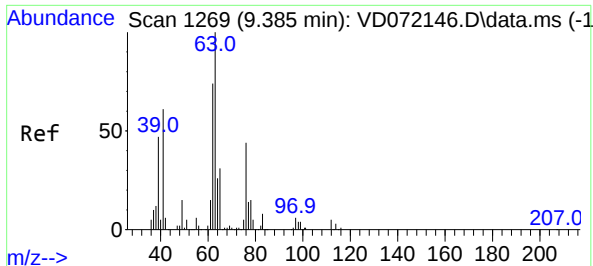
Tgt Ion: 43 Resp: 263607  
Ion Ratio Lower Upper  
43 100  
61 32.2 22.4 33.6  
87 12.8 8.7 13.1



#44  
Trichloroethene  
Concen: 53.862 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:130 Resp: 274703  
Ion Ratio Lower Upper  
130 100  
95 98.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 52.808 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

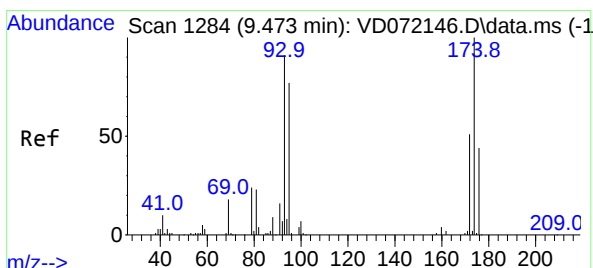
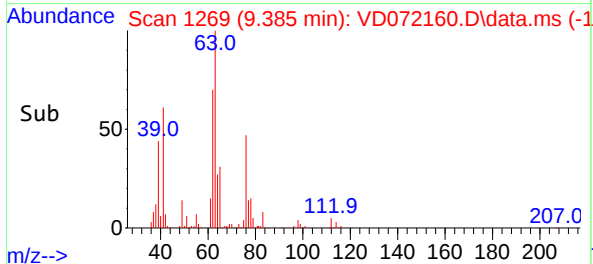
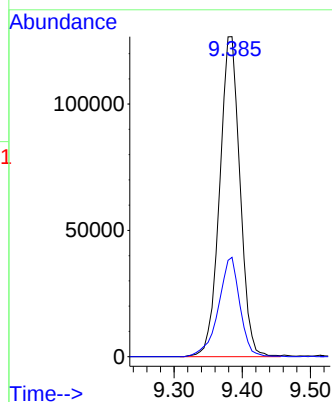
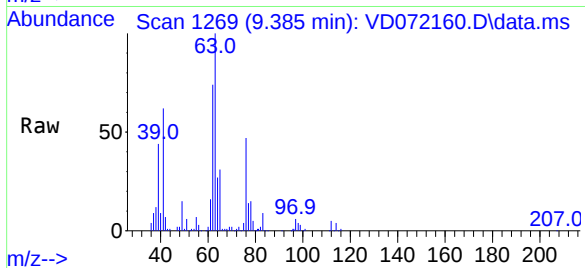
VSTDCCC050

Tgt Ion: 63 Resp: 263110

Ion Ratio Lower Upper

63 100

65 31.0 26.2 39.4



#46

Dibromomethane

Concen: 53.367 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

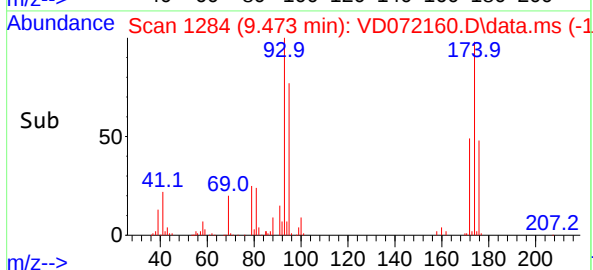
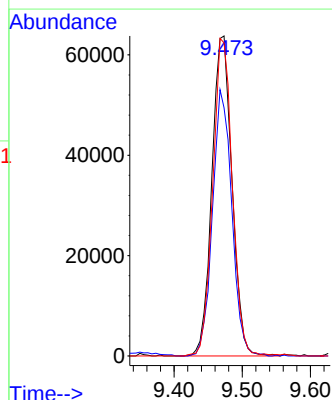
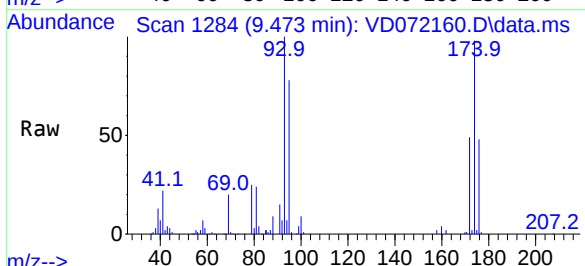
Tgt Ion: 93 Resp: 130796

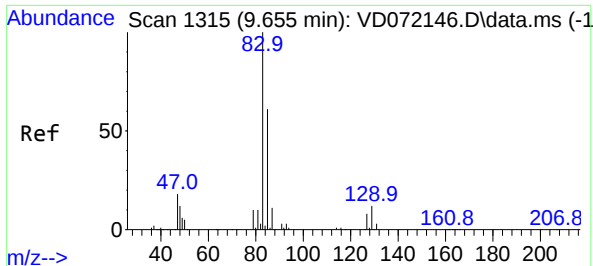
Ion Ratio Lower Upper

93 100

95 80.0 66.7 100.1

174 96.4 71.6 107.4

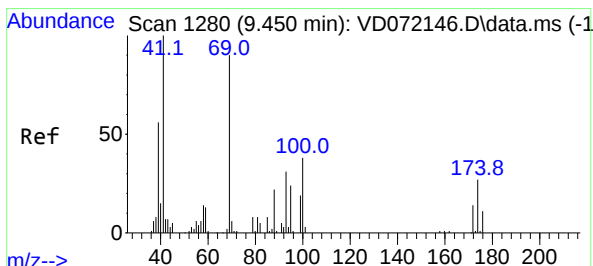
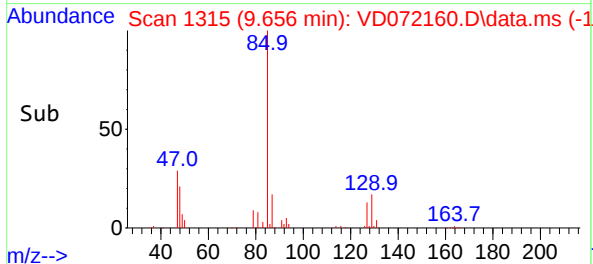
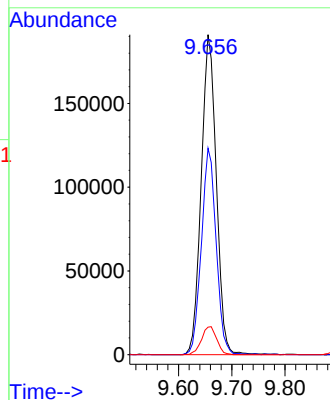
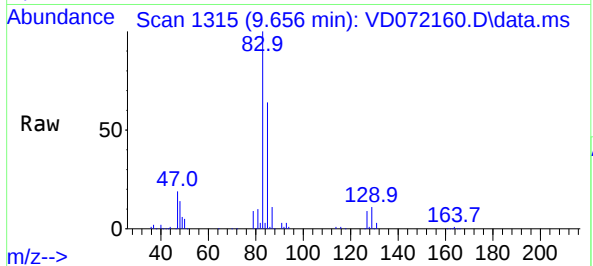




#47  
Bromodichloromethane  
Concen: 52.535 ug/l  
RT: 9.656 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

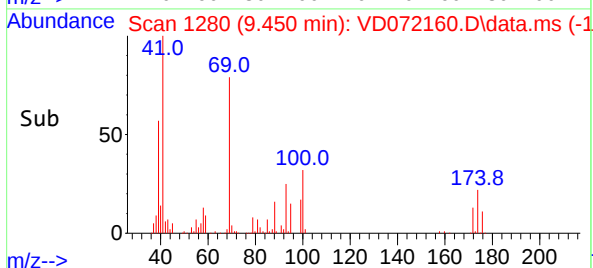
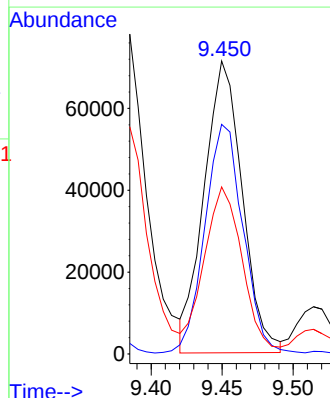
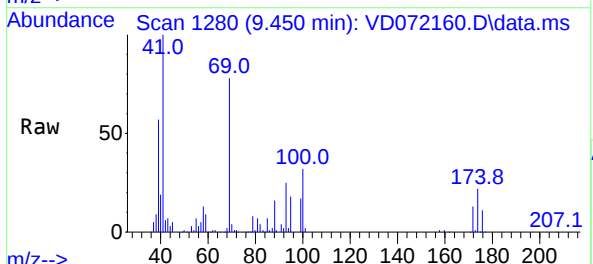
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

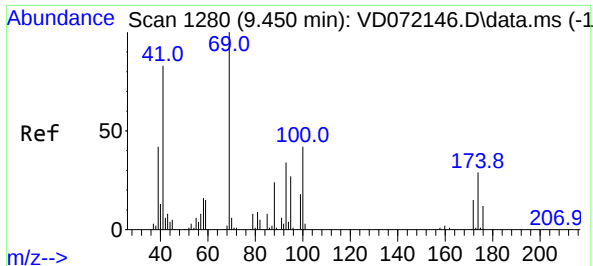
Tgt Ion: 83 Resp: 375353  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.4 77.0  
127 8.6 6.1 9.1



#48  
Methyl methacrylate  
Concen: 51.574 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 41 Resp: 133329  
Ion Ratio Lower Upper  
41 100  
69 78.5 56.7 85.1  
39 57.2 42.7 64.1

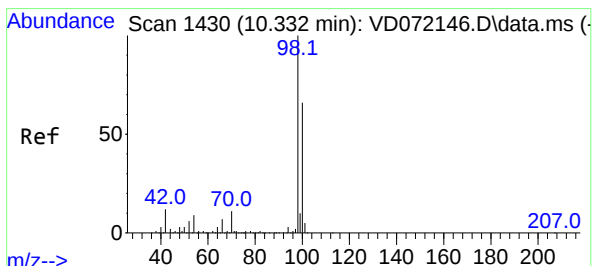
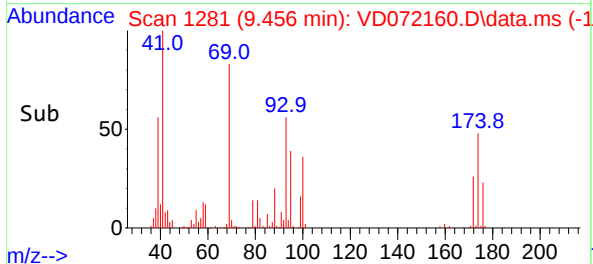
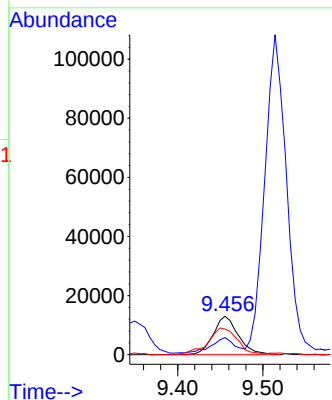
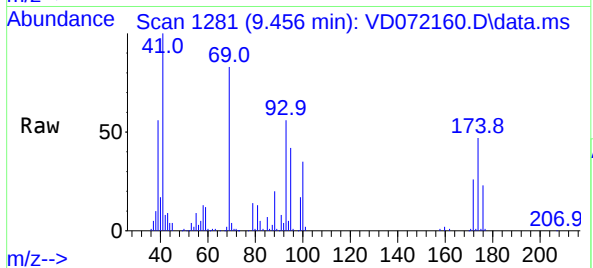




#49  
1,4-Dioxane  
Concen: 906.974 ug/l  
RT: 9.456 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

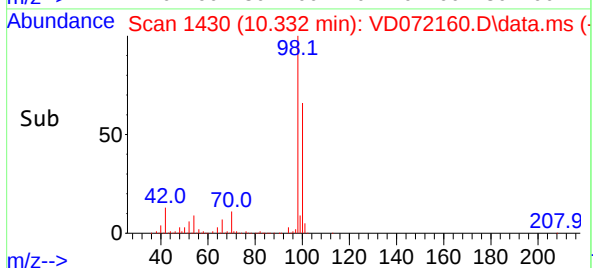
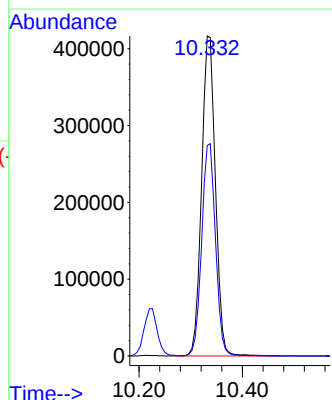
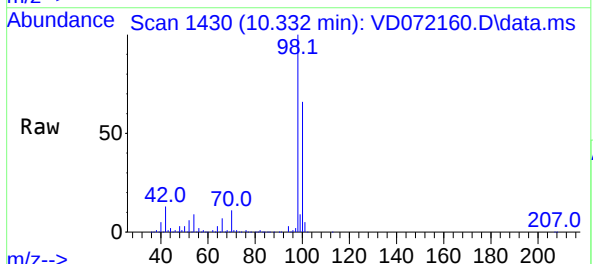
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

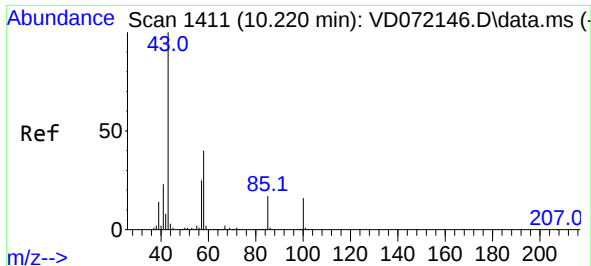
Tgt Ion: 88 Resp: 26656  
Ion Ratio Lower Upper  
88 100  
43 38.7 31.0 46.4  
58 80.9 58.1 87.1



#50  
Toluene-d8  
Concen: 46.426 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 98 Resp: 770573  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.4 78.6

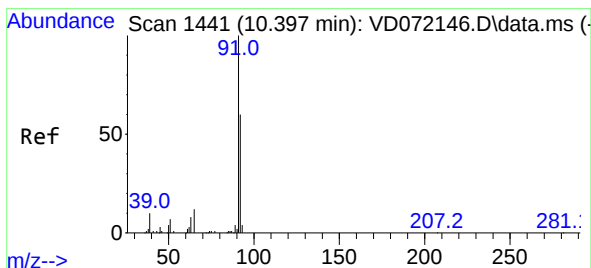
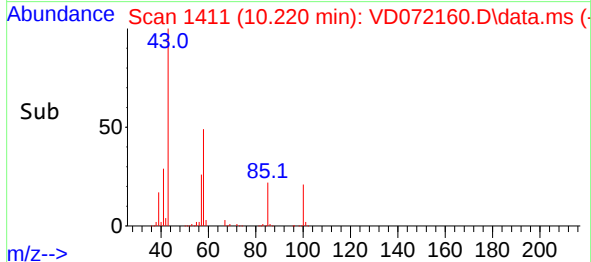
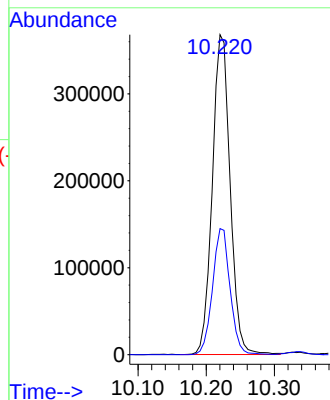
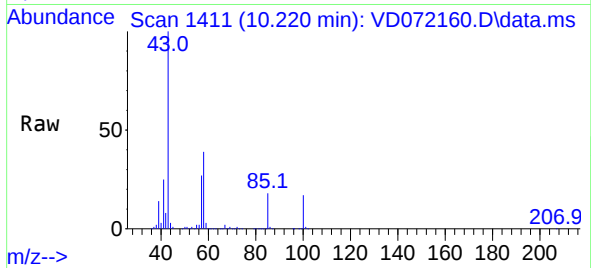




#51  
4-Methyl-2-Pentanone  
Concen: 235.597 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

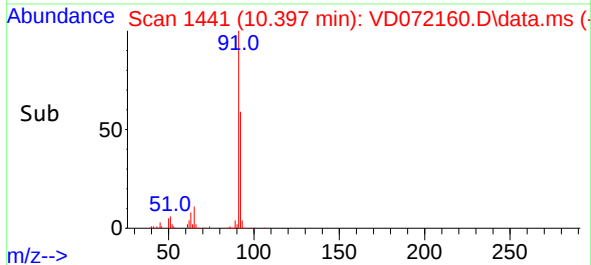
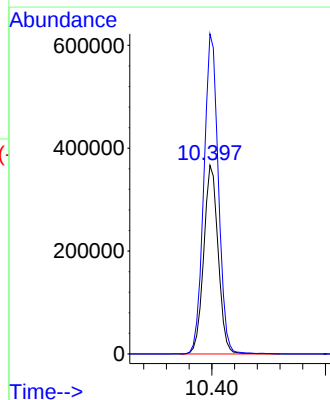
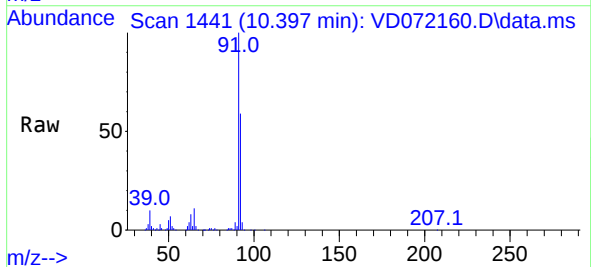
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

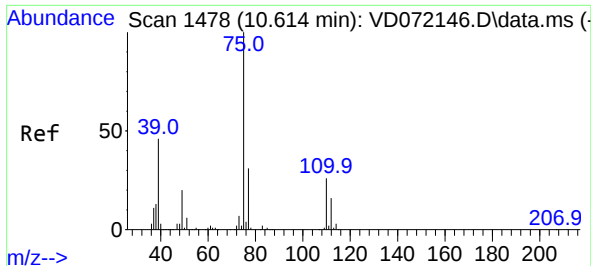
Tgt Ion: 43 Resp: 669957  
Ion Ratio Lower Upper  
43 100  
58 38.9 28.6 43.0



#52  
Toluene  
Concen: 53.945 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 92 Resp: 644885  
Ion Ratio Lower Upper  
92 100  
91 170.6 139.6 209.4

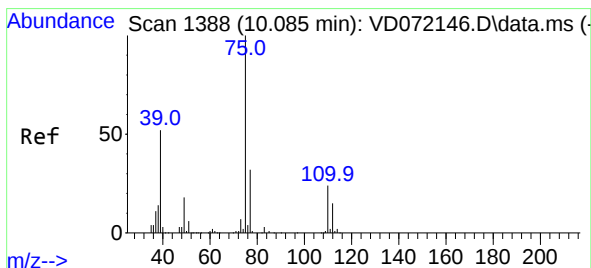
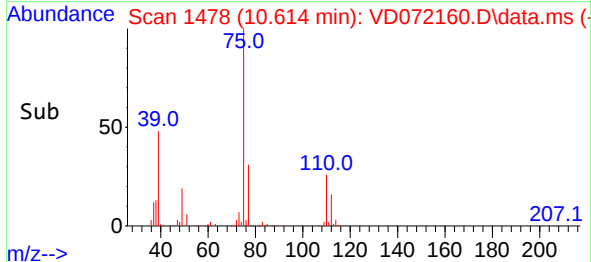
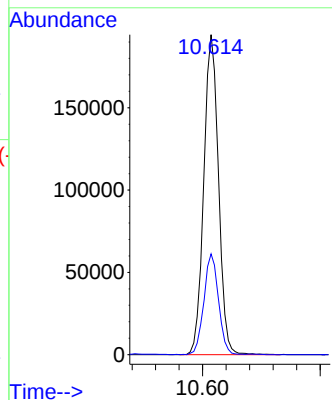
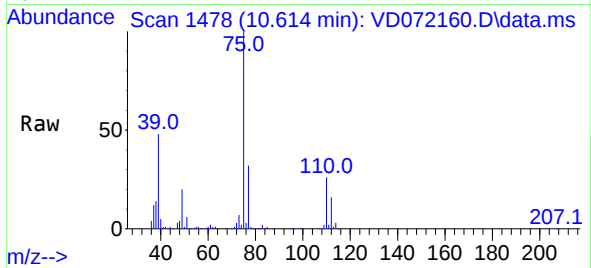




#53  
 t-1,3-Dichloropropene  
 Concen: 51.779 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

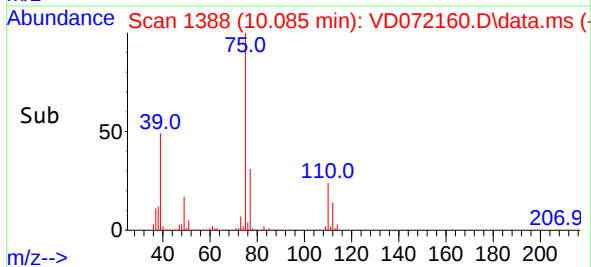
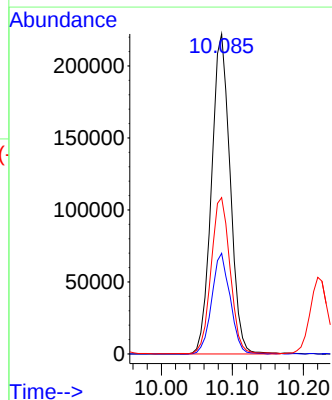
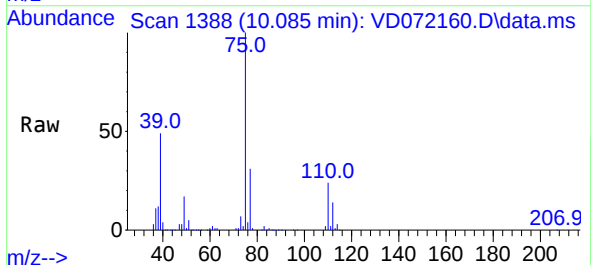
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

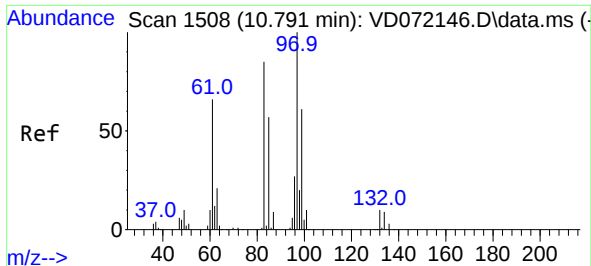
Tgt Ion: 75 Resp: 338008  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.580 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. 0.000 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

Tgt Ion: 75 Resp: 404328  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 24.8 37.2  
 39 48.7 46.8 70.2



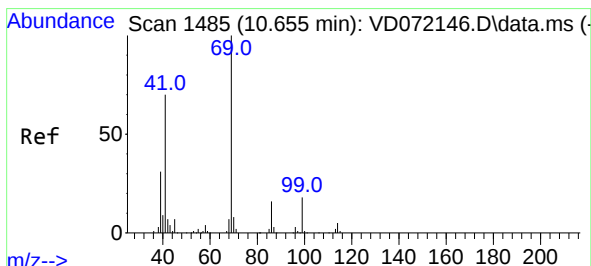
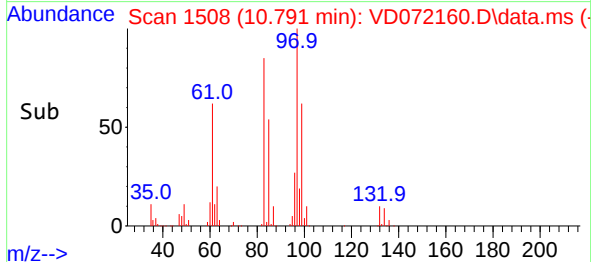
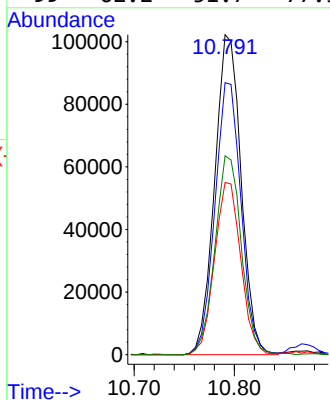
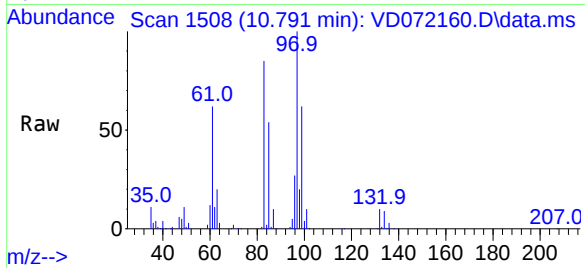


#55  
1,1,2-Trichloroethane  
Concen: 50.205 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 187442

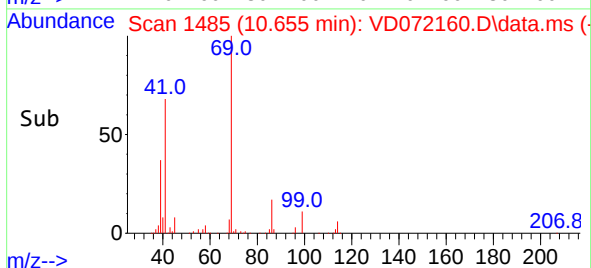
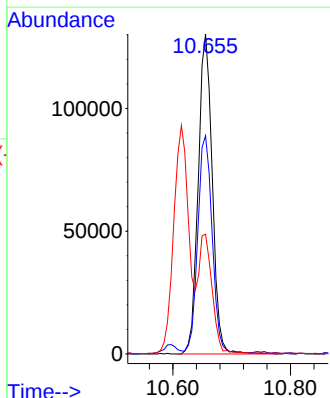
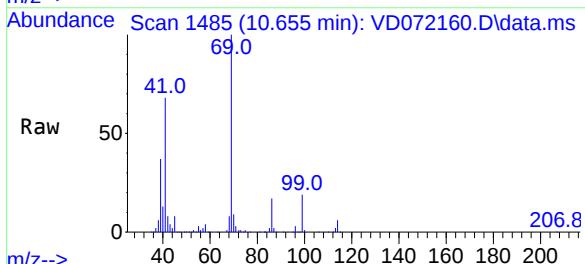
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.0  | 69.0  | 103.4 |
| 85  | 53.8  | 42.6  | 63.8  |
| 99  | 62.2  | 51.7  | 77.5  |

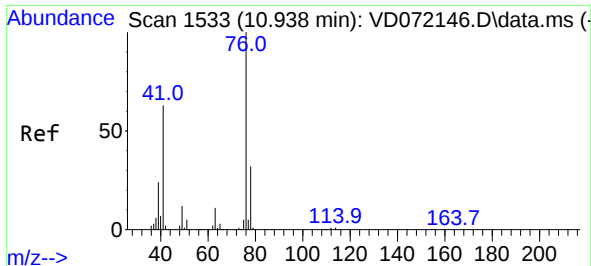


#56  
Ethyl methacrylate  
Concen: 49.528 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 69 Resp: 216587

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.2  | 63.0  | 94.6  |
| 39  | 35.0  | 33.8  | 50.8  |





#57

1,3-Dichloropropane

Concen: 50.774 ug/l

RT: 10.938 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072160.D

Acq: 14 Mar 2022 10:42

Instrument :

MSVOA\_D

ClientSampleId :

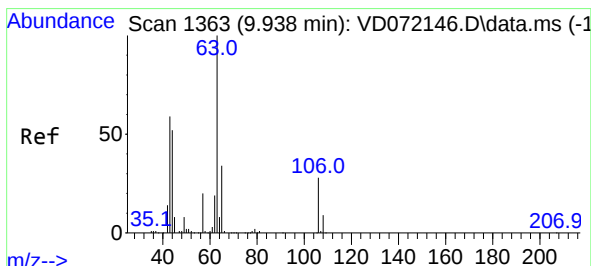
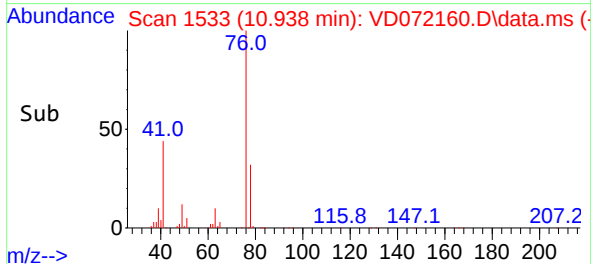
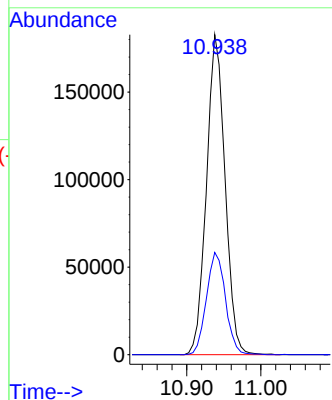
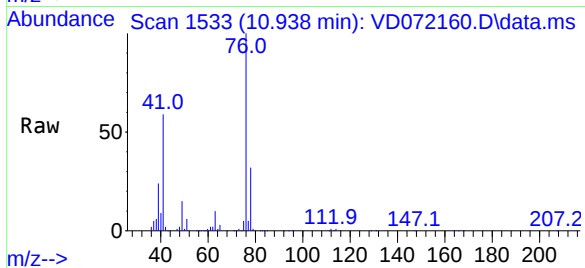
VSTDCCC050

Tgt Ion: 76 Resp: 318148

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 252.497 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072160.D

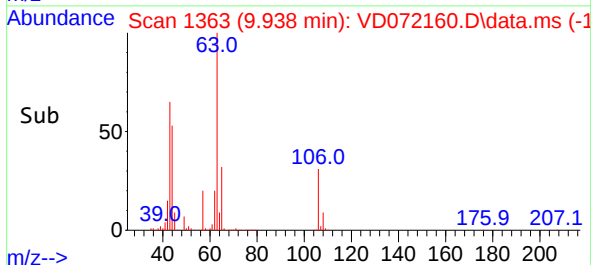
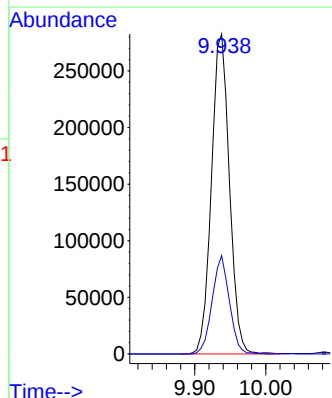
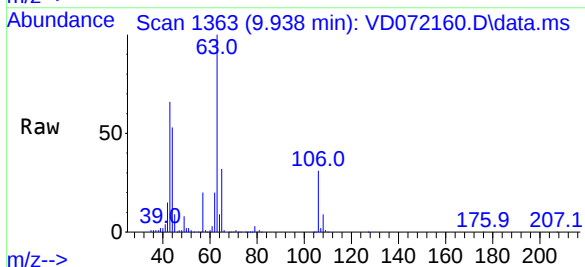
Acq: 14 Mar 2022 10:42

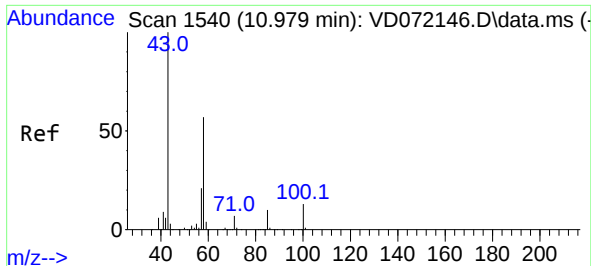
Tgt Ion: 63 Resp: 496471

Ion Ratio Lower Upper

63 100

106 29.3 21.4 32.0

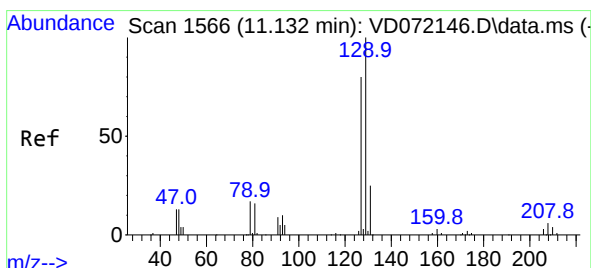
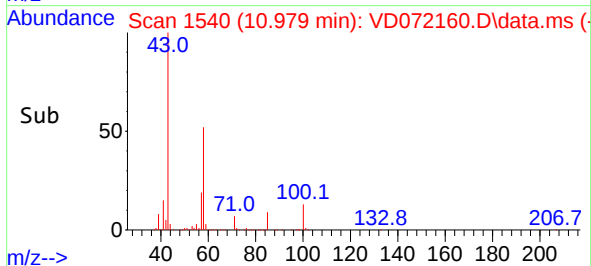
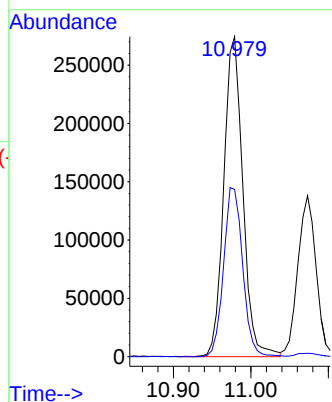
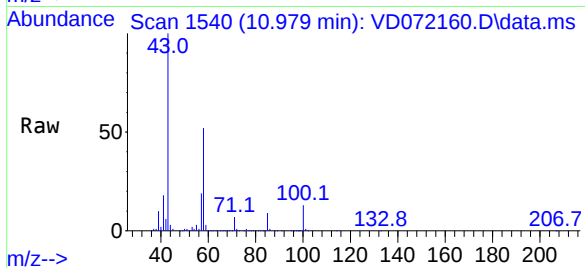




#59  
2-Hexanone  
Concen: 238.718 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

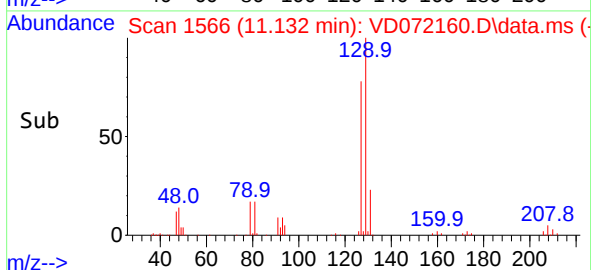
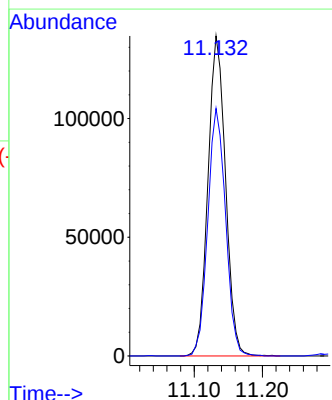
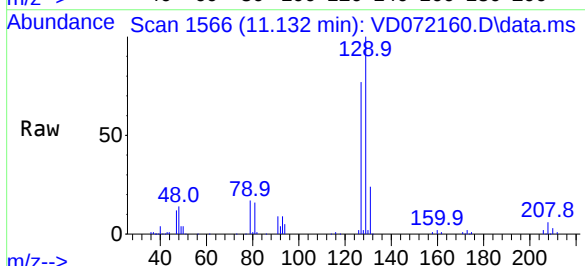
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

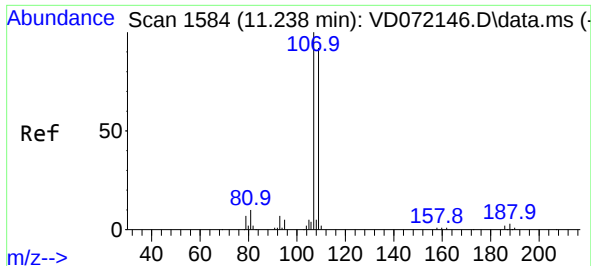
Tgt Ion: 43 Resp: 468849  
Ion Ratio Lower Upper  
43 100  
58 52.9 25.3 75.9



#60  
Dibromochloromethane  
Concen: 49.876 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 129 Resp: 241630  
Ion Ratio Lower Upper  
129 100  
127 78.5 39.2 117.6

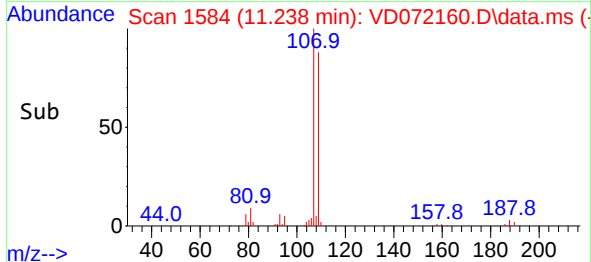
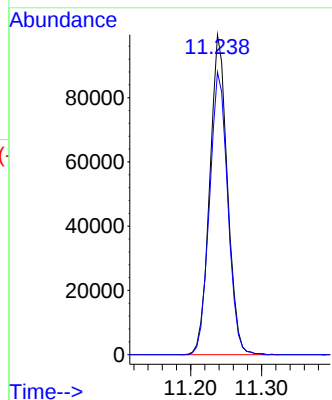
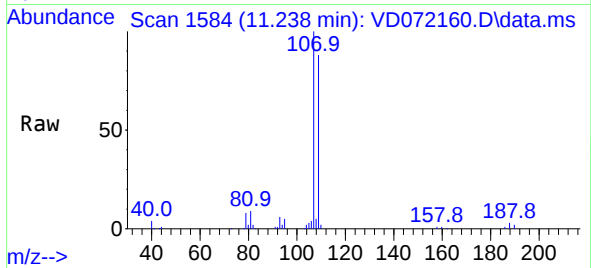




#61  
1,2-Dibromoethane  
Concen: 51.095 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

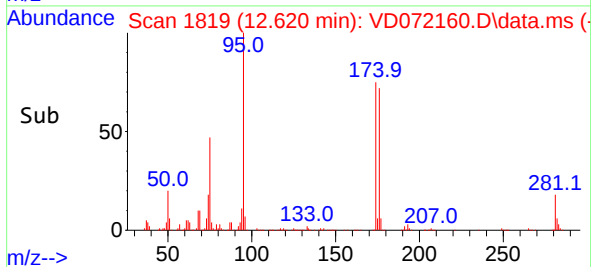
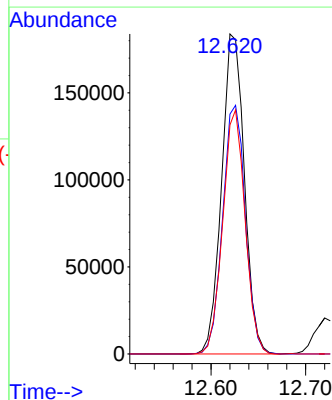
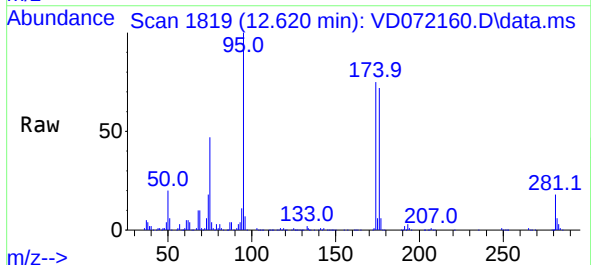
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

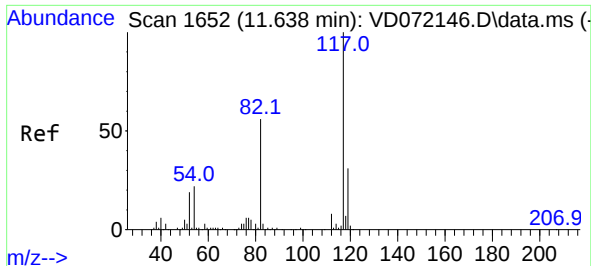
Tgt Ion:107 Resp: 172377  
Ion Ratio Lower Upper  
107 100  
109 90.9 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 47.542 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 95 Resp: 306606  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 152.8  
176 74.7 0.0 145.4

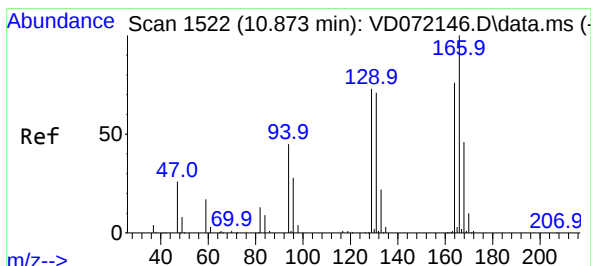
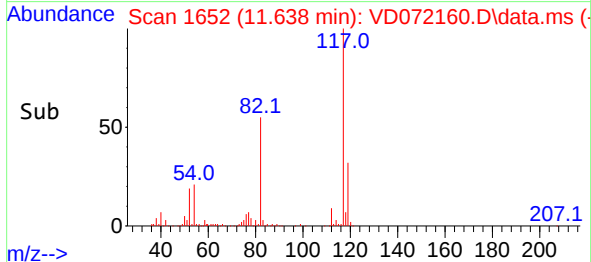
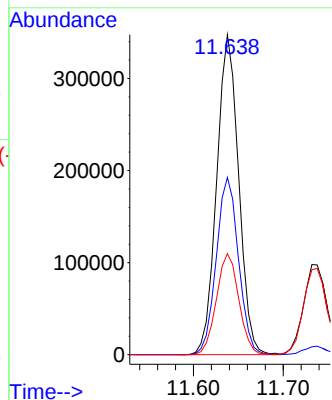
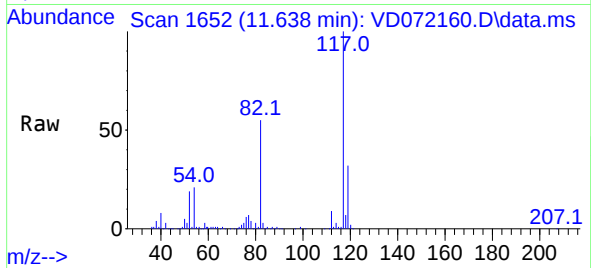




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

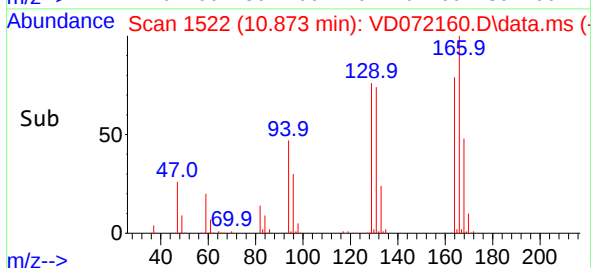
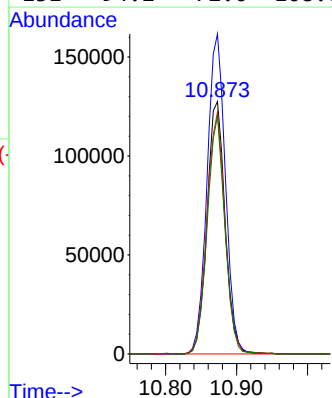
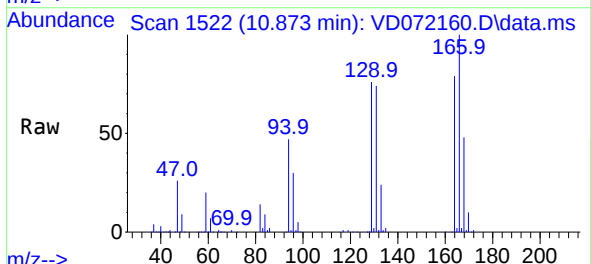
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

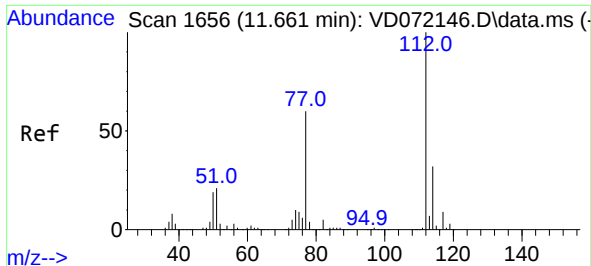
Tgt Ion:117 Resp: 591529  
Ion Ratio Lower Upper  
117 100  
82 55.4 45.3 67.9  
119 31.5 26.6 40.0



#64  
Tetrachloroethene  
Concen: 54.130 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:164 Resp: 225601  
Ion Ratio Lower Upper  
164 100  
166 126.8 98.5 147.7  
129 95.8 74.6 111.8  
131 94.2 72.0 108.0

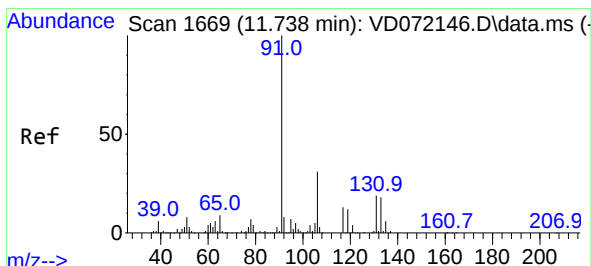
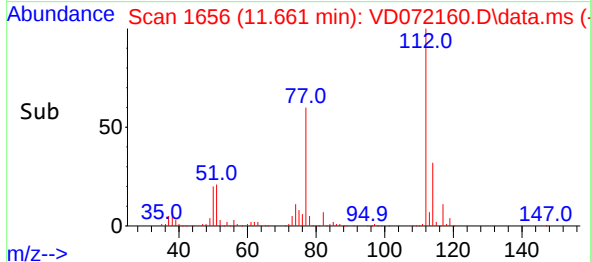
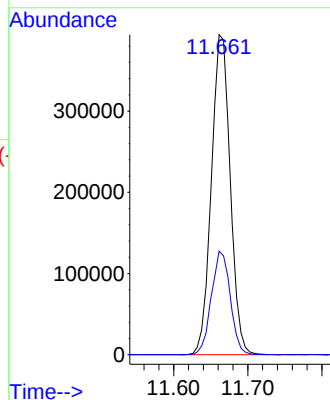
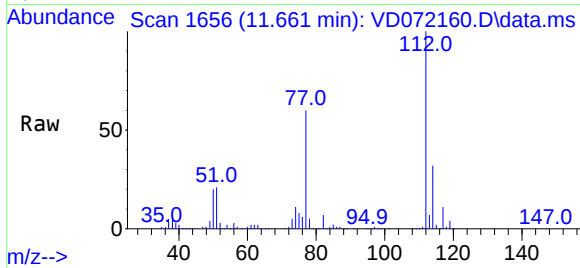




#65  
Chlorobenzene  
Concen: 52.995 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

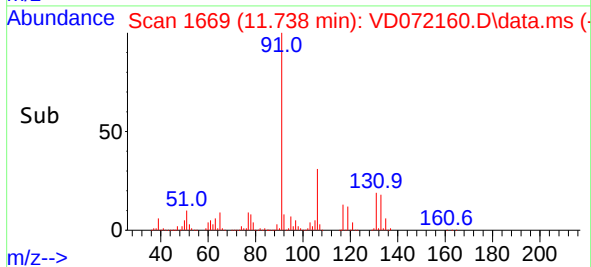
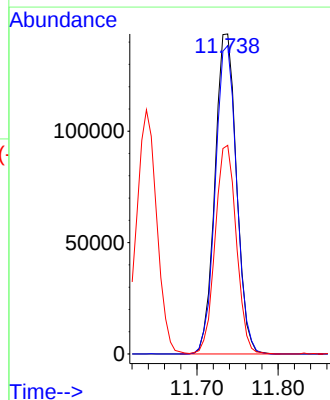
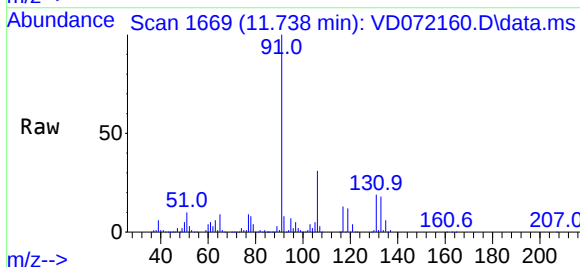
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

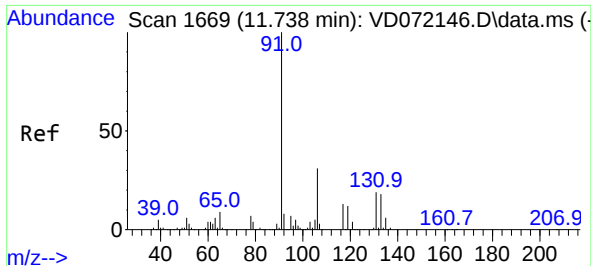
Tgt Ion:112 Resp: 694972  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.123 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:131 Resp: 265116  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.1 144.3  
119 64.2 31.9 95.9

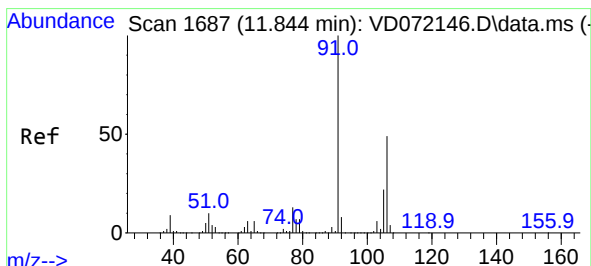
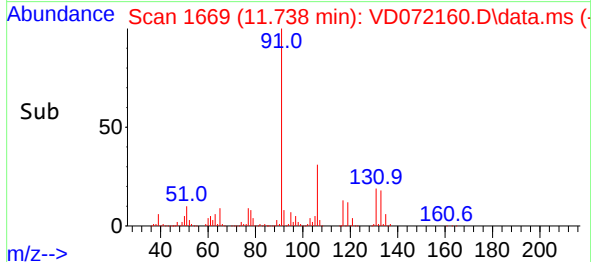
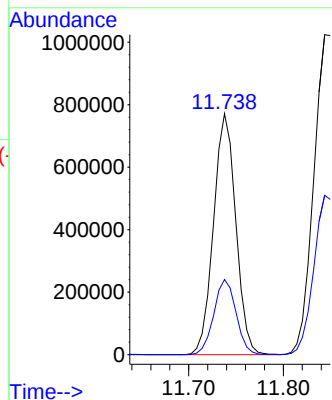
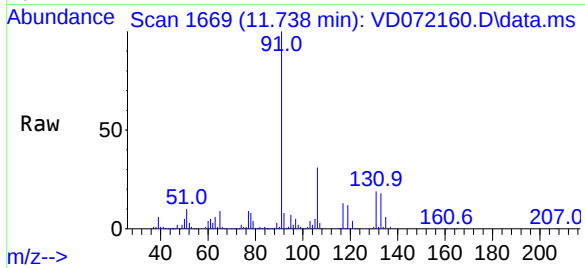




#67  
Ethyl Benzene  
Concen: 53.743 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

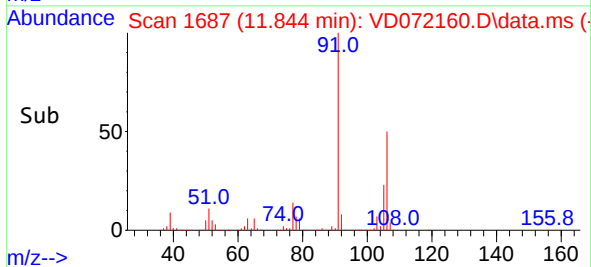
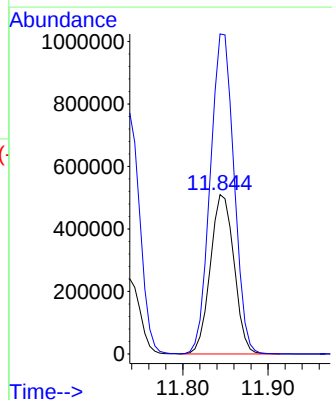
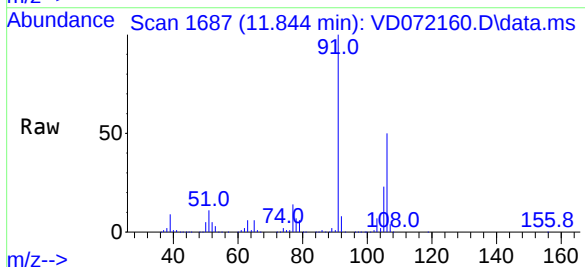
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

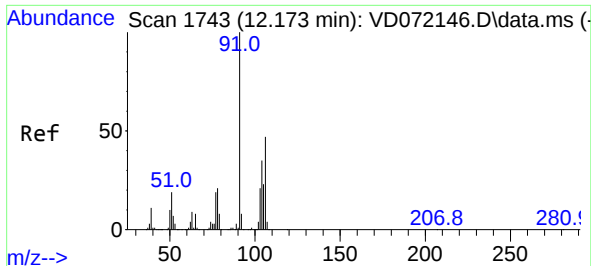
Tgt Ion: 91 Resp: 1258778  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.2 36.4



#68  
m/p-Xylenes  
Concen: 110.985 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 106 Resp: 987080  
Ion Ratio Lower Upper  
106 100  
91 201.2 163.7 245.5

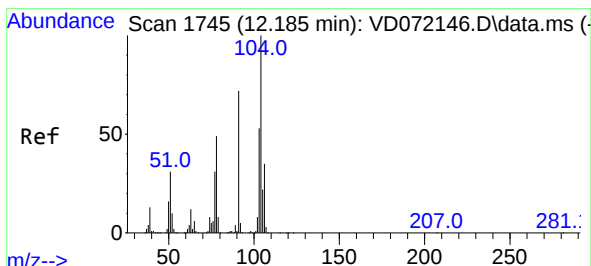
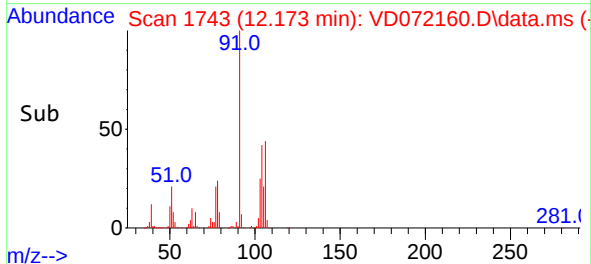
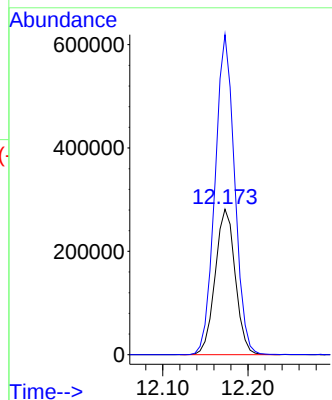
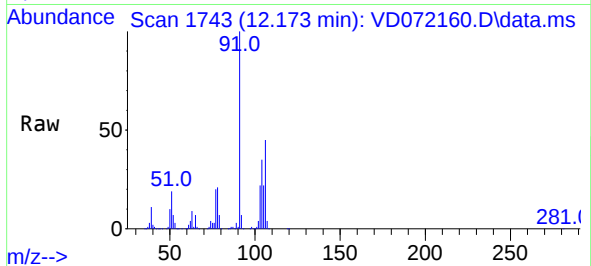




#69  
o-Xylene  
Concen: 54.136 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

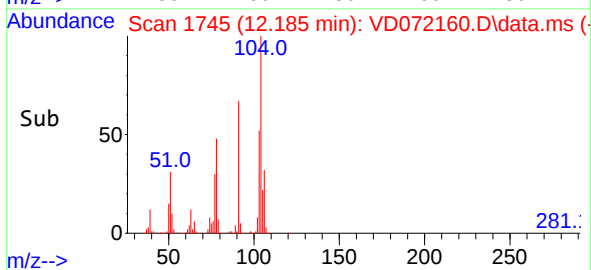
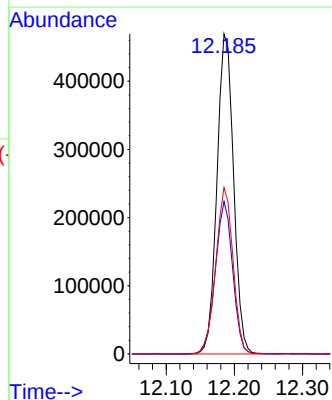
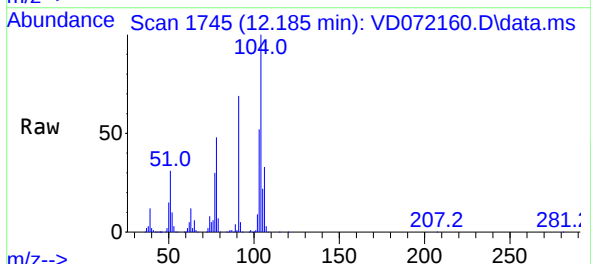
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

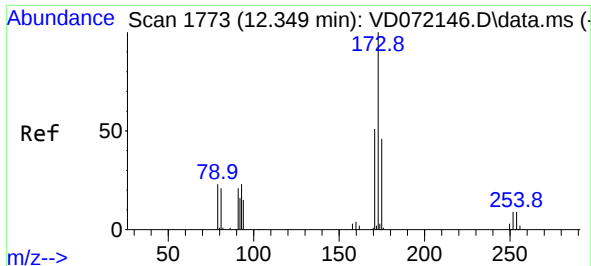
Tgt Ion:106 Resp: 460535  
Ion Ratio Lower Upper  
106 100  
91 215.2 110.4 331.2



#70  
Styrene  
Concen: 53.561 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:104 Resp: 795661  
Ion Ratio Lower Upper  
104 100  
78 49.8 41.8 62.8  
103 54.2 44.2 66.4

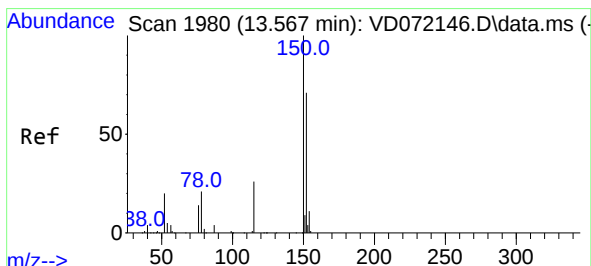
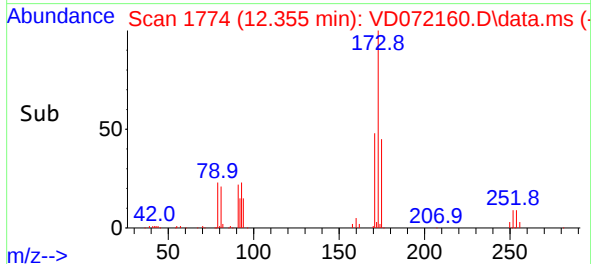
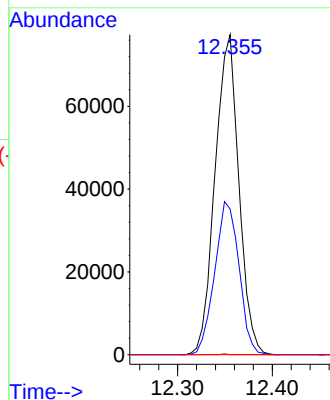
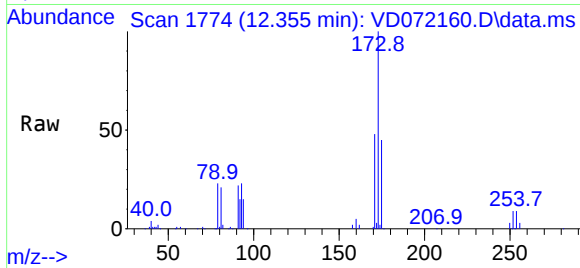




#71  
Bromoform  
Concen: 48.752 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

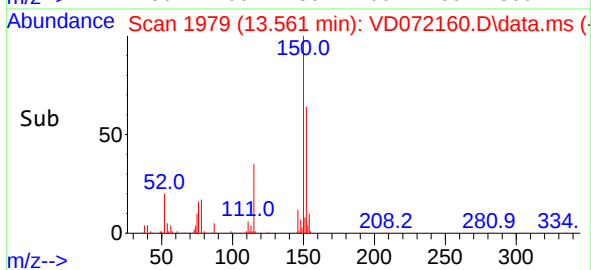
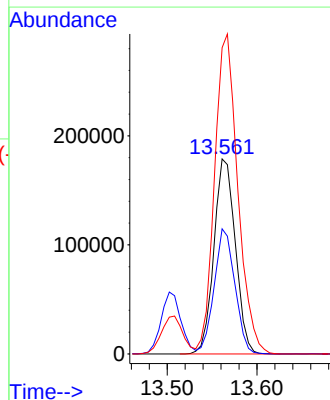
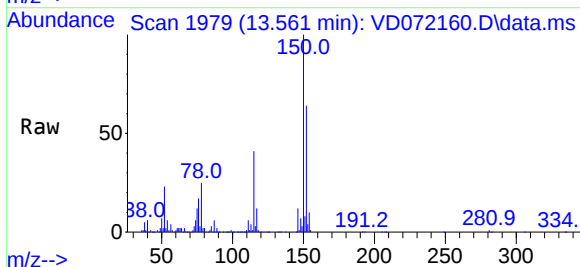
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

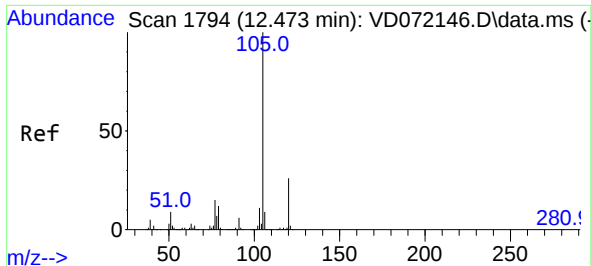
Tgt Ion:173 Resp: 135049  
Ion Ratio Lower Upper  
173 100  
175 48.7 23.9 71.8  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:152 Resp: 296618  
Ion Ratio Lower Upper  
152 100  
115 62.1 31.3 93.8  
150 177.8 0.0 348.6

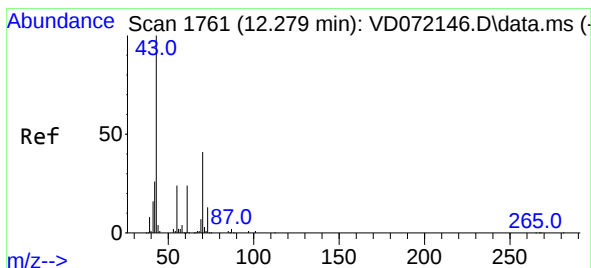
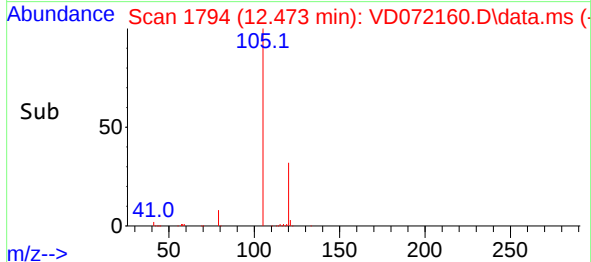
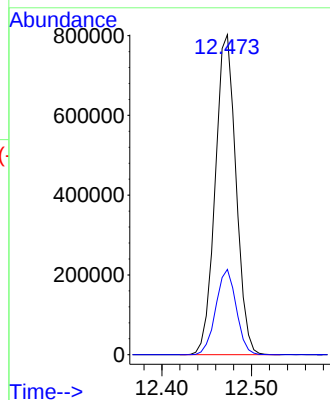
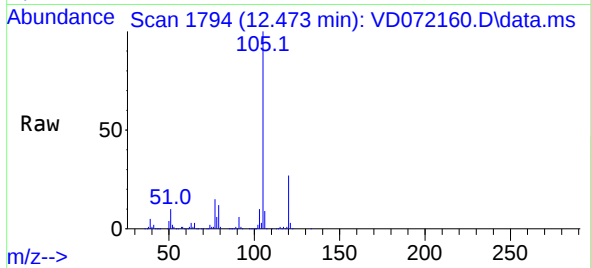




#73  
Isopropylbenzene  
Concen: 54.769 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

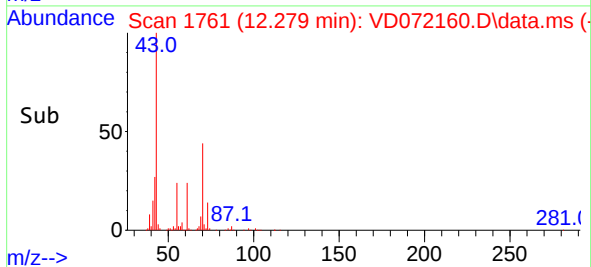
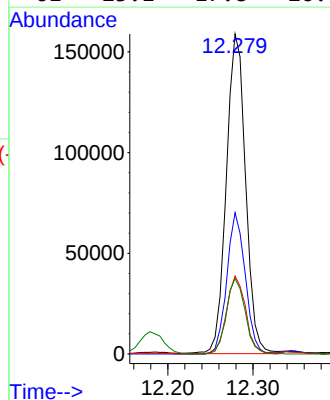
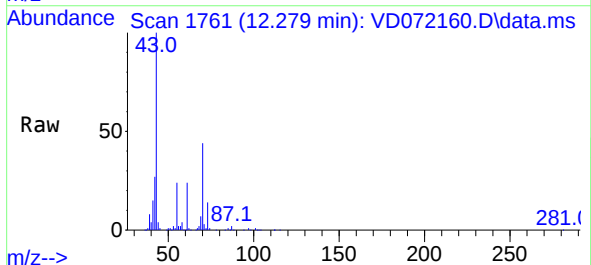
Instrument :  
MSVOA\_D  
ClientSampleId :  
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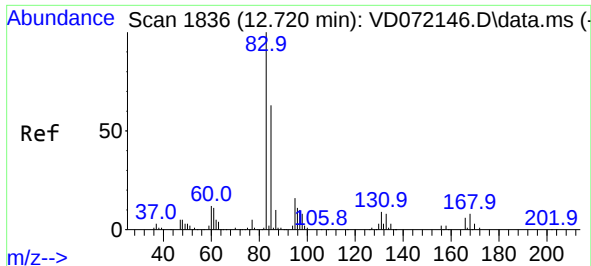
Tgt Ion:105 Resp: 1287365  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.0 38.9



#74  
N-ethyl acetate  
Concen: 49.408 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 43 Resp: 249578  
Ion Ratio Lower Upper  
43 100  
70 42.3 31.3 46.9  
55 24.3 20.0 30.0  
61 23.1 17.8 26.8

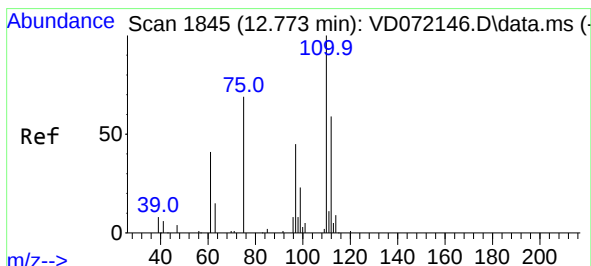
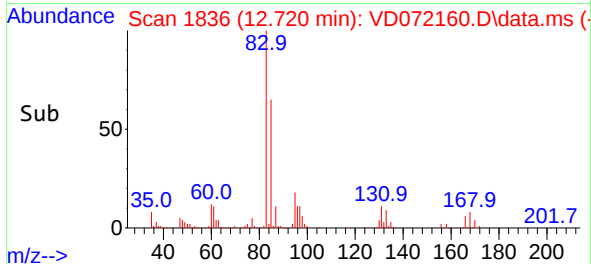
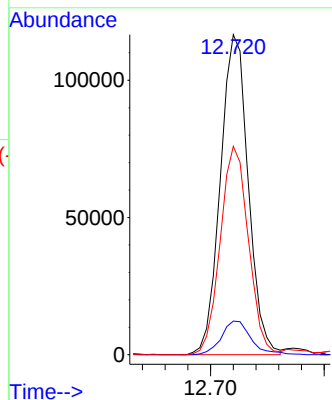
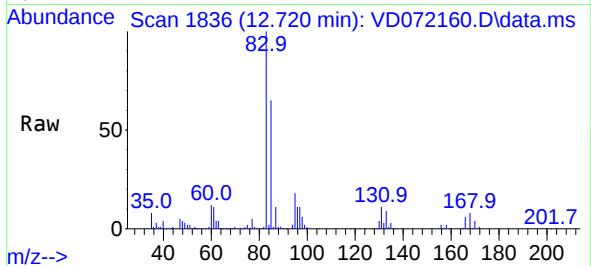




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.278 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. 0.000 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

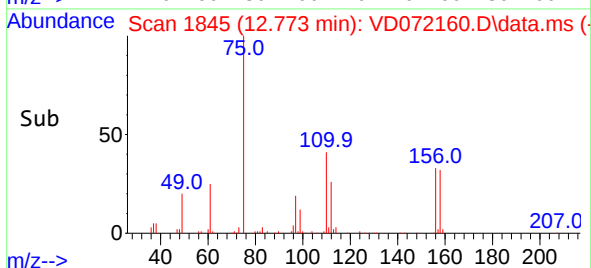
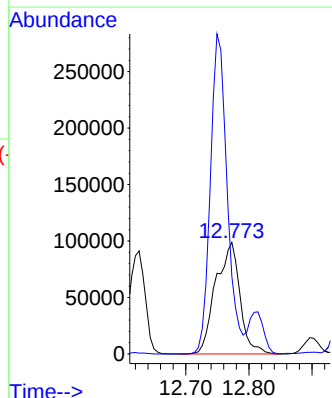
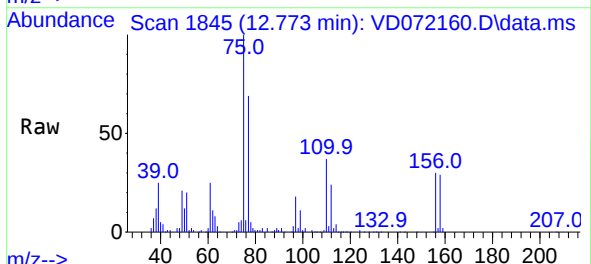
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

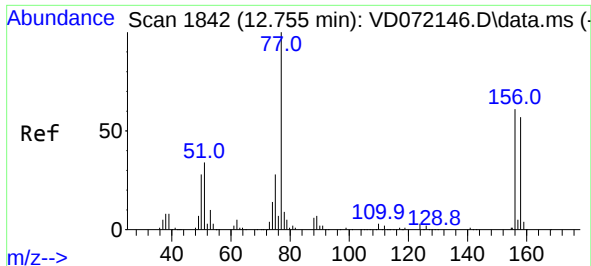
Tgt Ion: 83 Resp: 198751  
 Ion Ratio Lower Upper  
 83 100  
 131 11.2 5.0 14.9  
 85 65.7 32.6 98.0



#76  
 1,2,3-Trichloropropane  
 Concen: 80.345 ug/l  
 RT: 12.773 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

Tgt Ion: 75 Resp: 262884  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

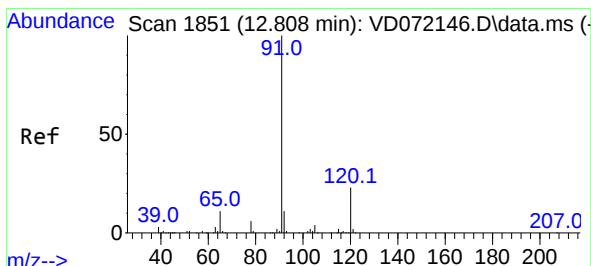
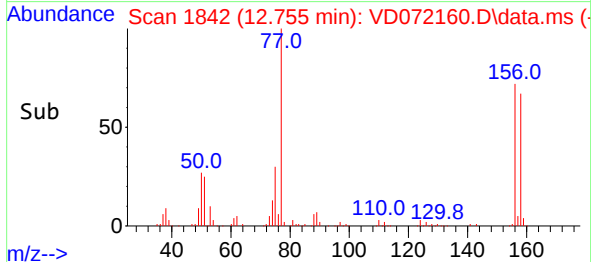
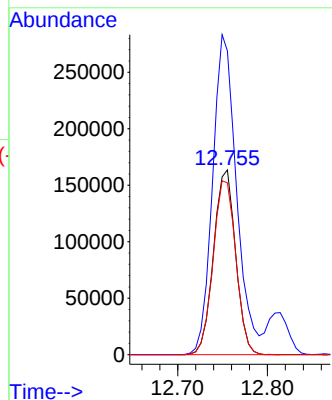
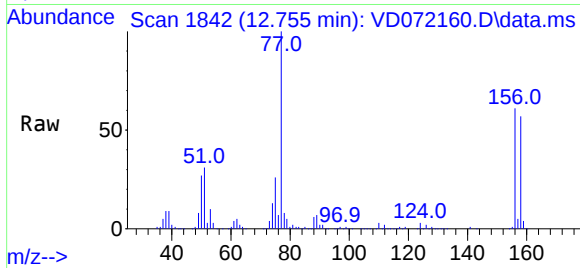




#77  
Bromobenzene  
Concen: 52.806 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

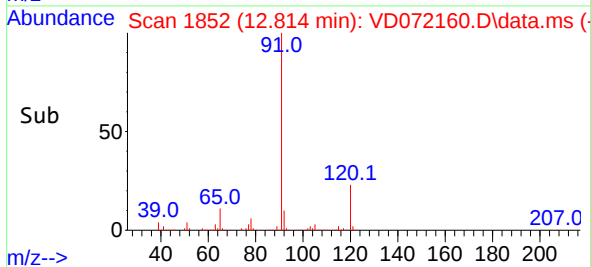
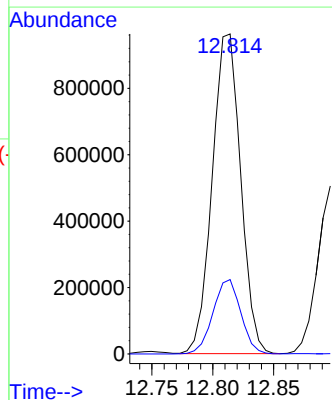
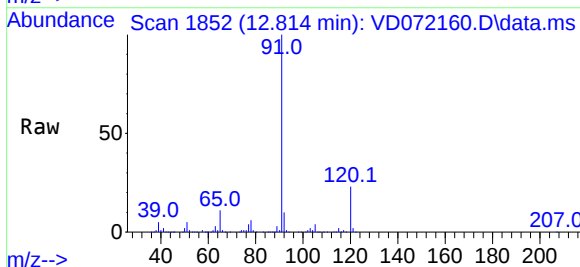
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

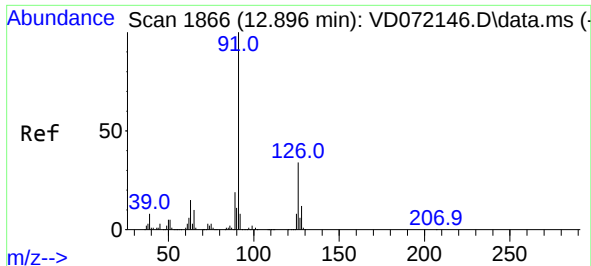
Tgt Ion:156 Resp: 279371  
Ion Ratio Lower Upper  
156 100  
77 187.5 102.8 308.3  
158 97.0 48.7 146.1



#78  
n-propylbenzene  
Concen: 54.807 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 91 Resp: 1564789  
Ion Ratio Lower Upper  
91 100  
120 22.8 10.9 32.9

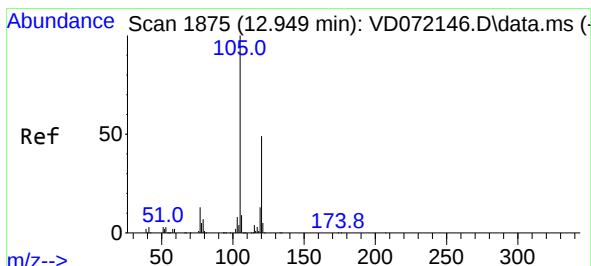
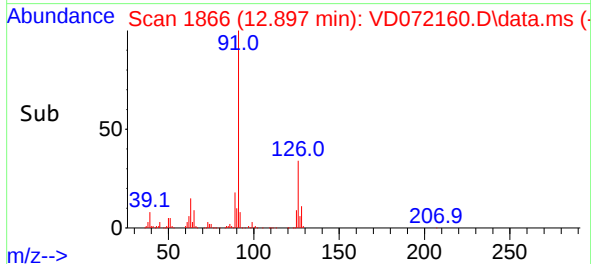
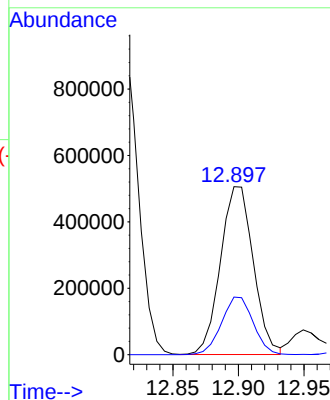
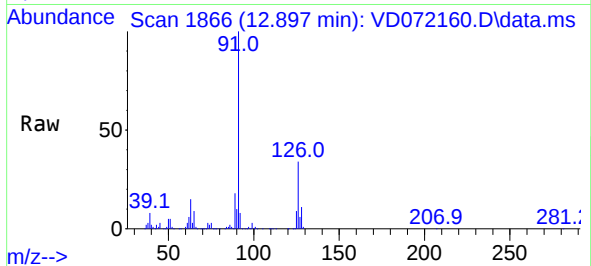




#79  
2-Chlorotoluene  
Concen: 53.359 ug/l  
RT: 12.897 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

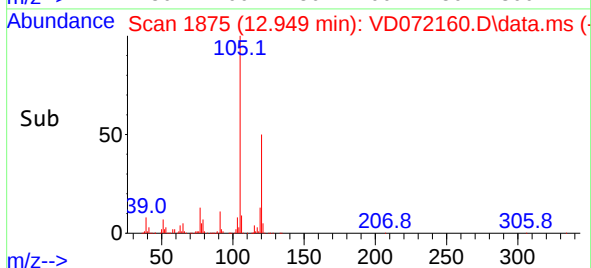
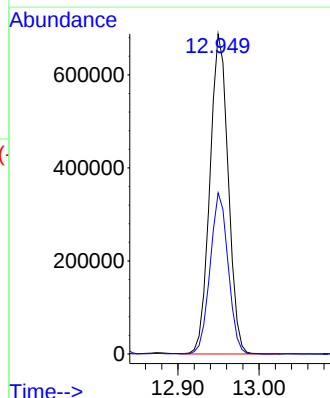
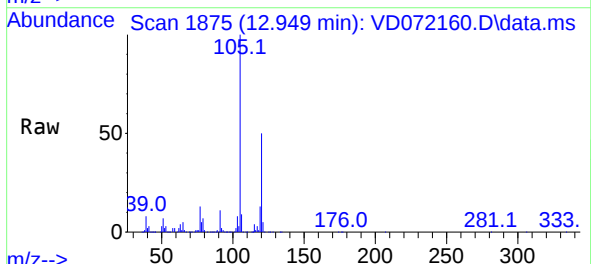
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

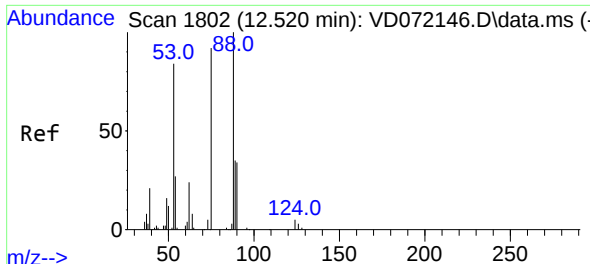
Tgt Ion: 91 Resp: 880923  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 53.286 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:105 Resp: 1076038  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.3 72.8

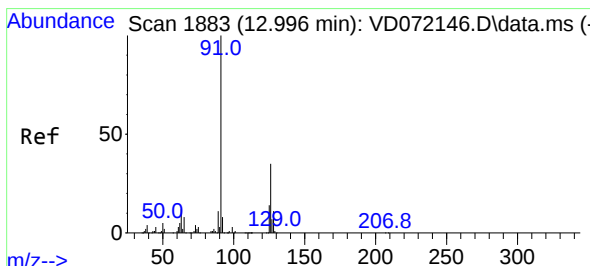
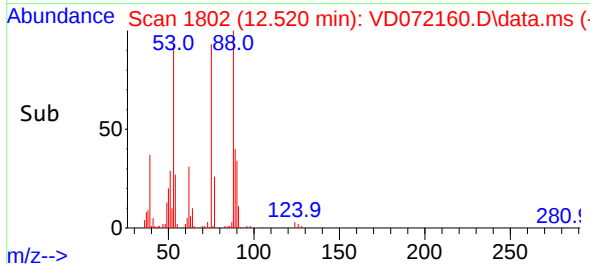
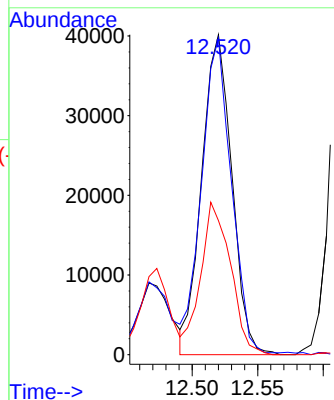
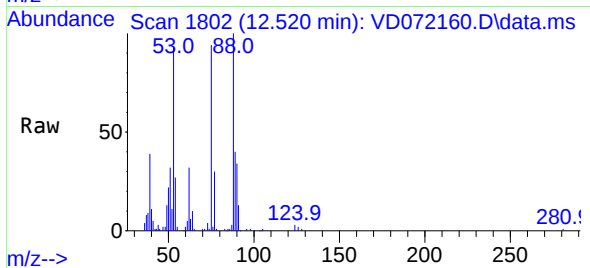




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.635 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

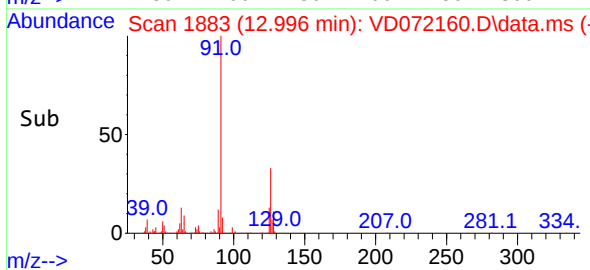
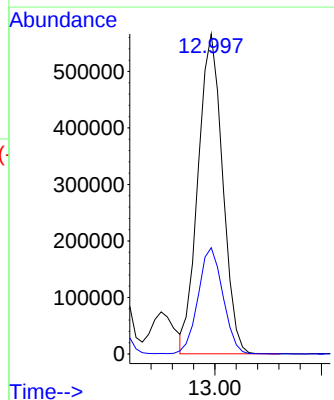
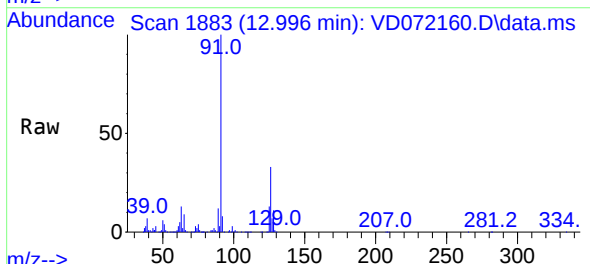
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

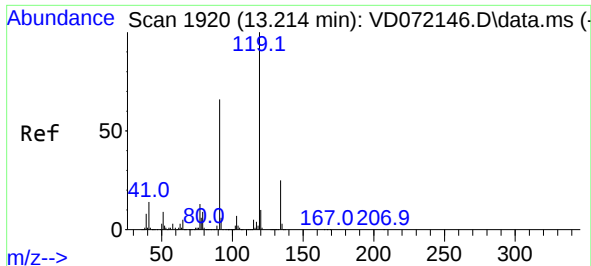
Tgt Ion: 75 Resp: 64138  
Ion Ratio Lower Upper  
75 100  
53 96.8 86.5 129.7  
89 47.4 33.9 50.9



#82  
4-Chlorotoluene  
Concen: 53.093 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 91 Resp: 907596  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.5 49.5

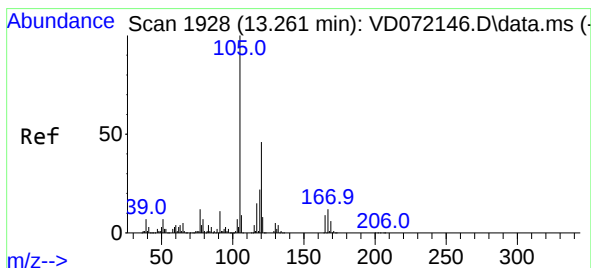
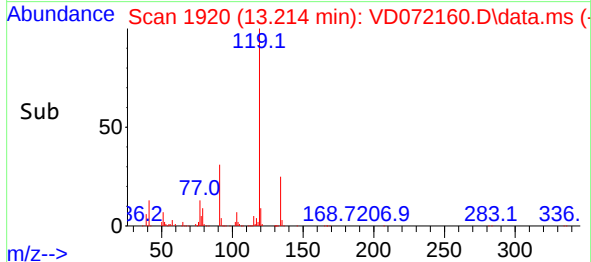
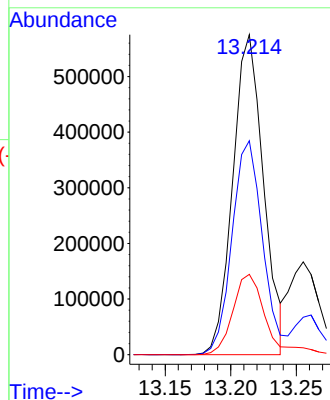
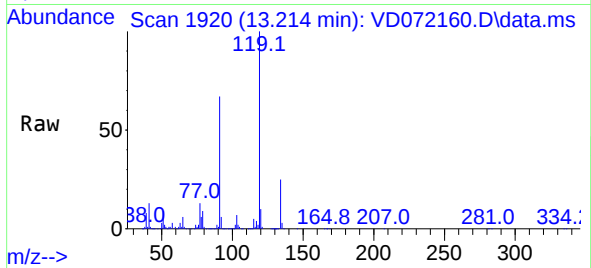




#83  
tert-Butylbenzene  
Concen: 53.034 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

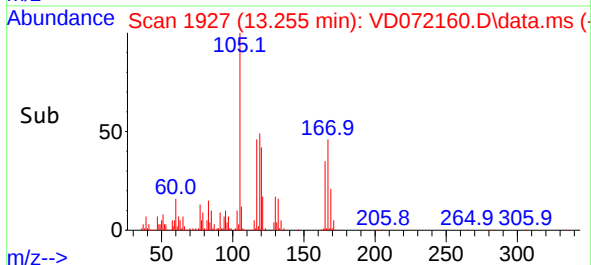
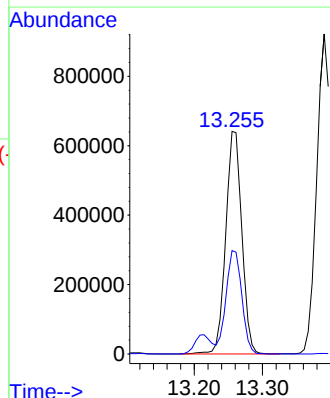
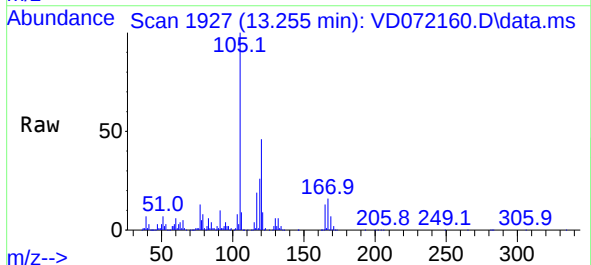
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

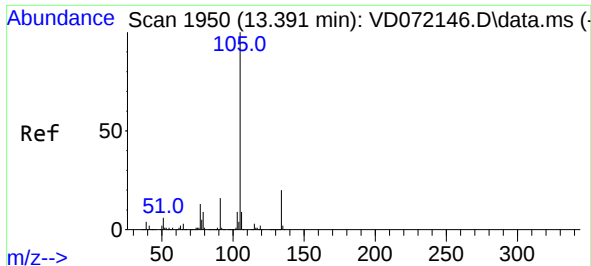
Tgt Ion:119 Resp: 938917  
Ion Ratio Lower Upper  
119 100  
91 67.0 34.8 104.5  
134 26.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 52.997 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:105 Resp: 1054493  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.3 66.8

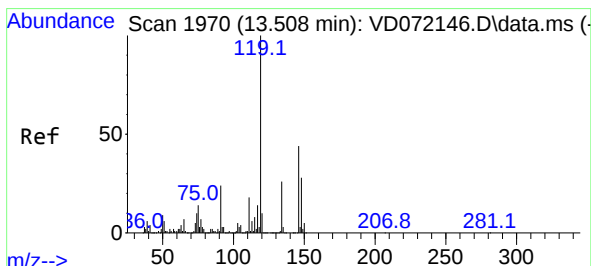
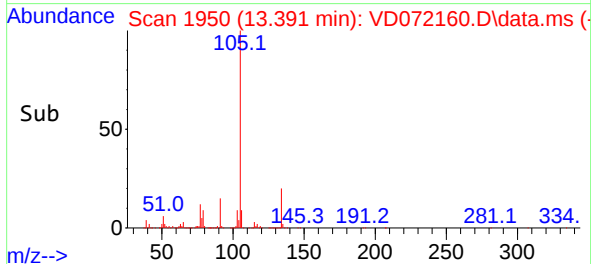
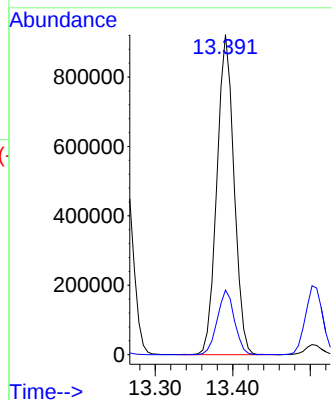
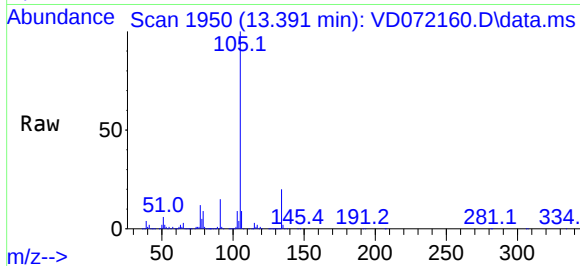




#85  
 sec-Butylbenzene  
 Concen: 53.139 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

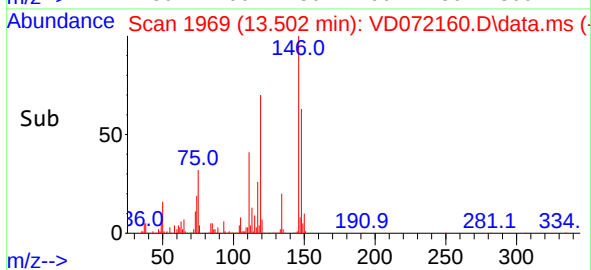
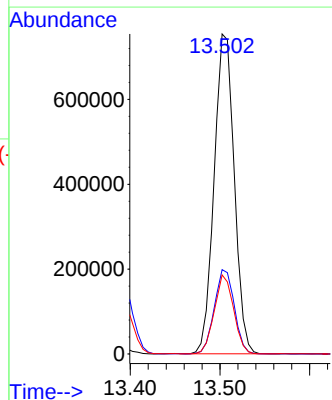
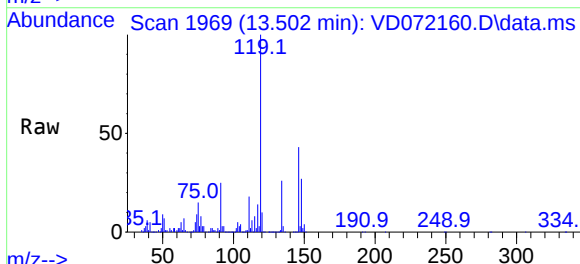
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

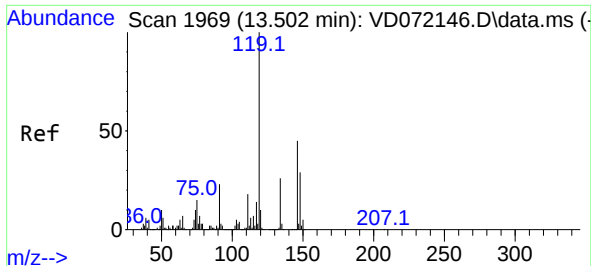
Tgt Ion:105 Resp: 1412777  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 53.643 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD072160.D  
 Acq: 14 Mar 2022 10:42

Tgt Ion:119 Resp: 1173579  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 12.9 38.6  
 91 23.7 12.1 36.3

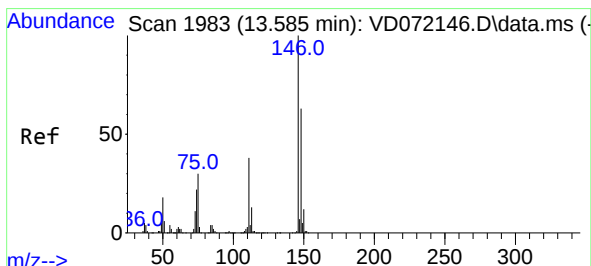
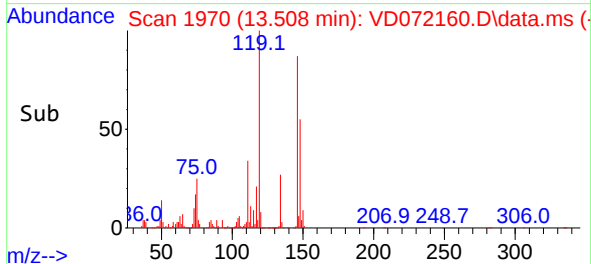
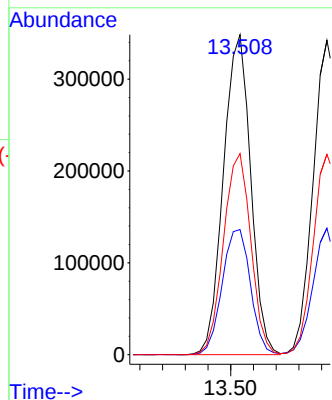
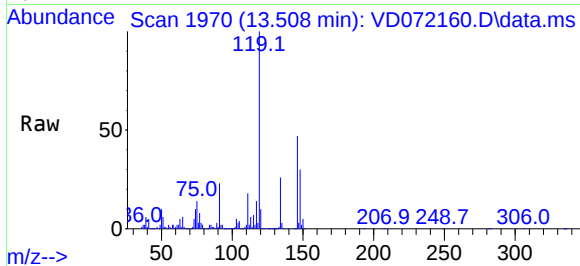




#87  
1,3-Dichlorobenzene  
Concen: 52.454 ug/l  
RT: 13.508 min Scan# 1969  
Delta R.T. 0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

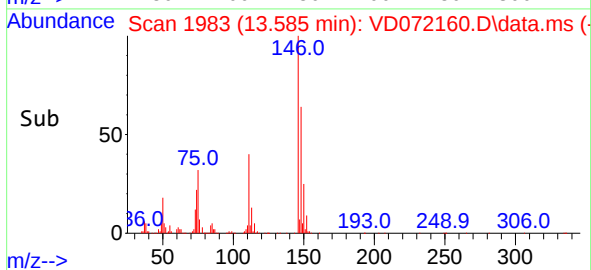
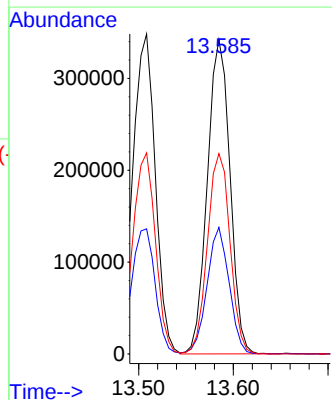
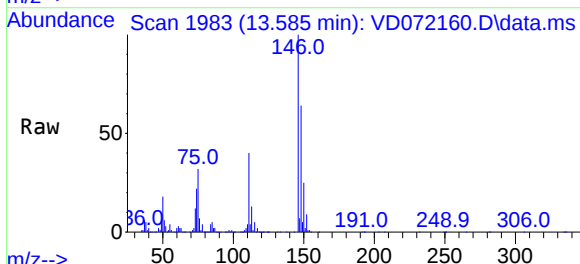
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

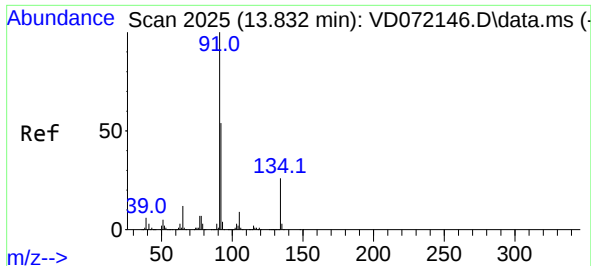
Tgt Ion:146 Resp: 581604  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.4 61.3  
148 63.1 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 51.757 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:146 Resp: 569058  
Ion Ratio Lower Upper  
146 100  
111 39.0 20.3 60.9  
148 63.6 31.7 95.1

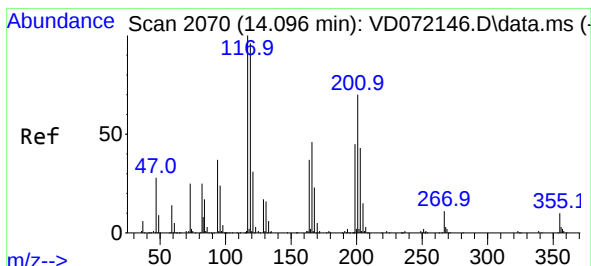
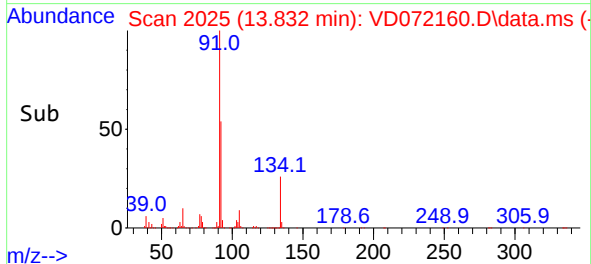
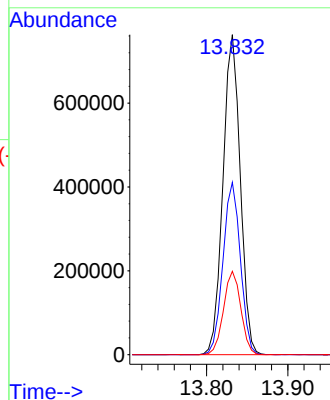
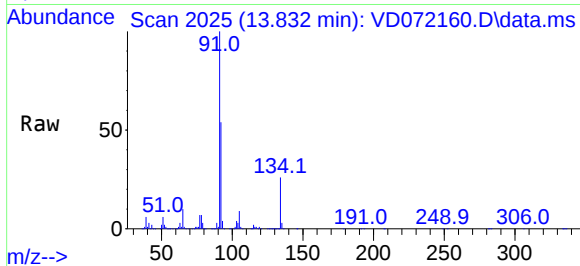




#89  
n-Butylbenzene  
Concen: 54.303 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

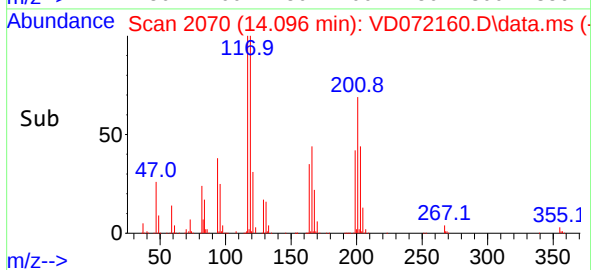
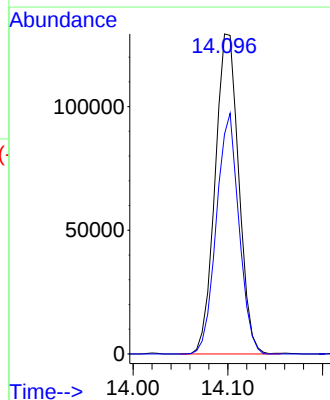
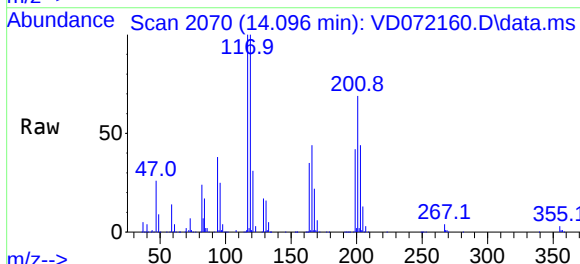
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

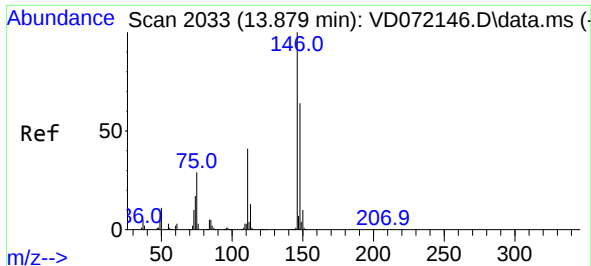
Tgt Ion: 91 Resp: 1132381  
Ion Ratio Lower Upper  
91 100  
92 54.1 26.6 79.8  
134 26.1 12.3 36.9



#90  
Hexachloroethane  
Concen: 52.384 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 117 Resp: 224614  
Ion Ratio Lower Upper  
117 100  
201 71.6 33.4 100.2

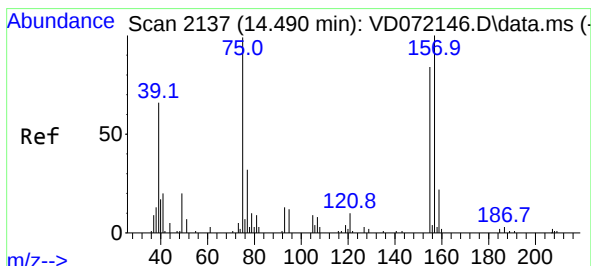
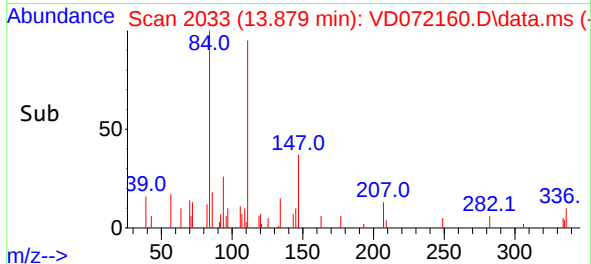
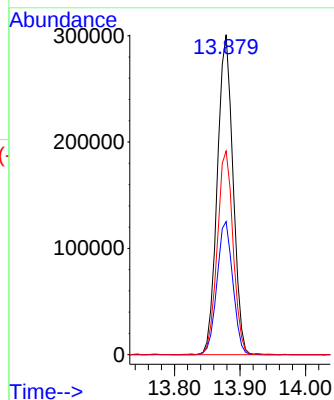
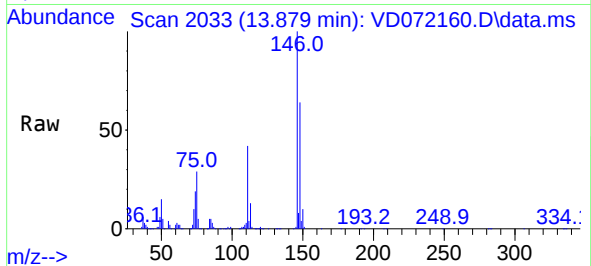




#91  
1,2-Dichlorobenzene  
Concen: 51.598 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

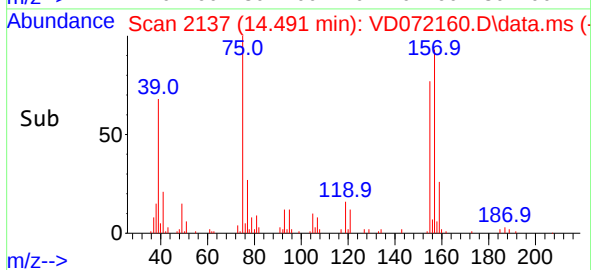
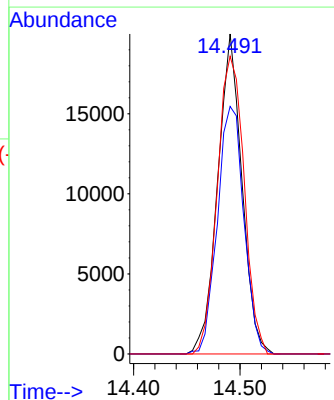
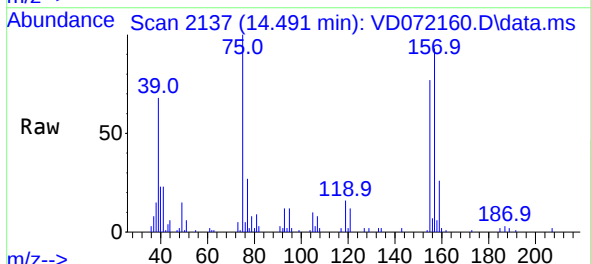
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

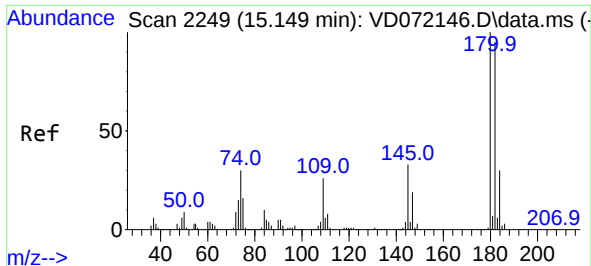
Tgt Ion:146 Resp: 498805  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.1 63.3  
148 64.1 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.960 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion: 75 Resp: 31506  
Ion Ratio Lower Upper  
75 100  
155 84.6 36.8 110.3  
157 103.3 48.4 145.0

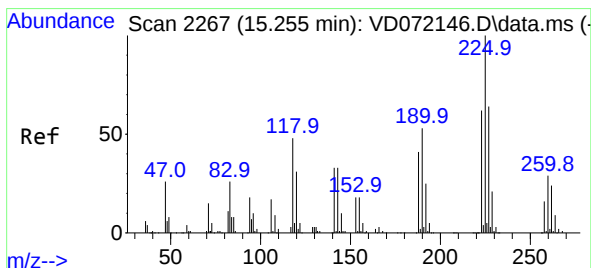
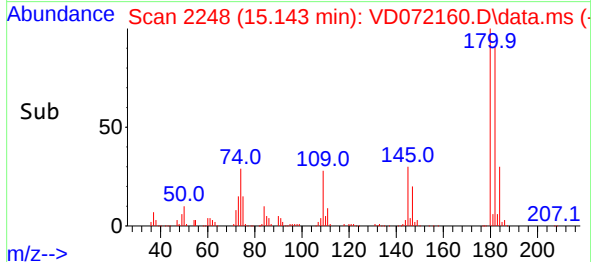
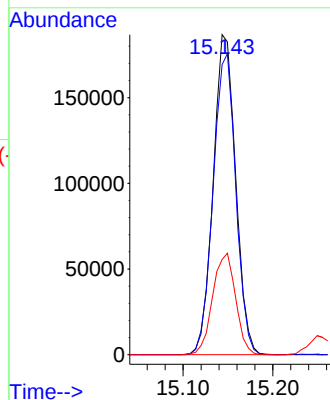
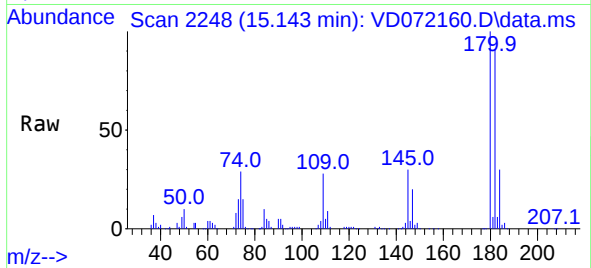




#93  
1,2,4-Trichlorobenzene  
Concen: 50.686 ug/l  
RT: 15.143 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

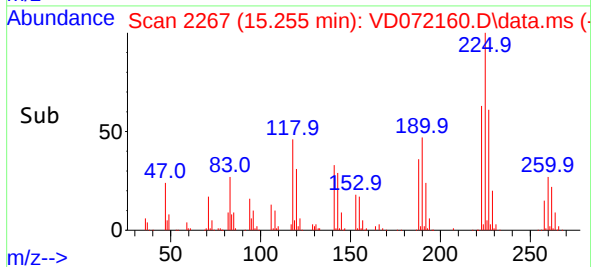
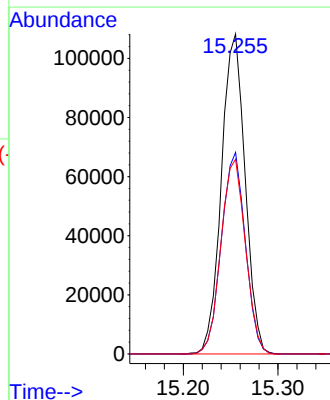
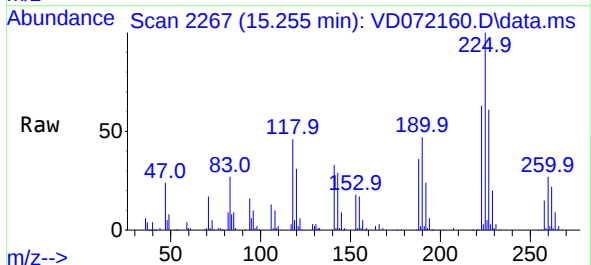
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

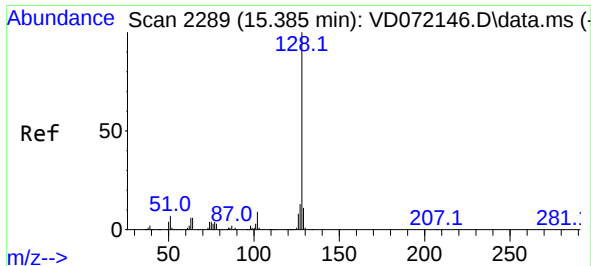
Tgt Ion:180 Resp: 324400  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.3 142.0  
145 32.3 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 50.616 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:225 Resp: 188443  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.1 93.2  
227 63.0 32.4 97.0

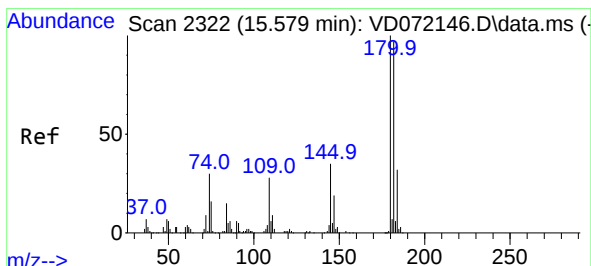
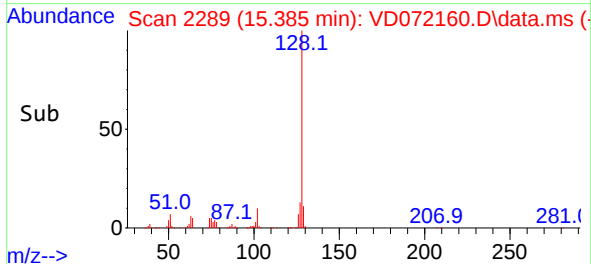
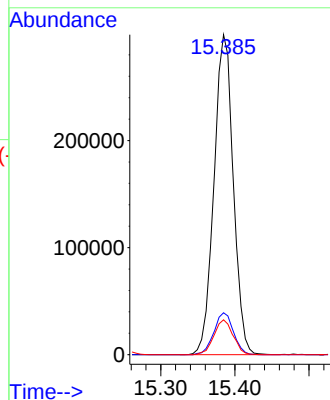
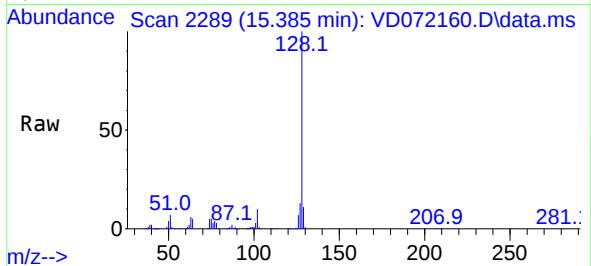




#95  
Naphthalene  
Concen: 48.989 ug/l  
RT: 15.385 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 540476  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.3 15.5  
129 10.9 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 49.917 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.006 min  
Lab File: VD072160.D  
Acq: 14 Mar 2022 10:42

Tgt Ion:180 Resp: 276537  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.6 142.9  
145 33.8 17.1 51.3

