

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD053122\  
 Data File : VD073430.D  
 Acq On : 31 May 2022 17:41  
 Operator : VA/SY  
 Sample : N3107-03  
 Misc : 4.70G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MS-6

Quant Time: Jun 01 01:38:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 15:13:42 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.967  | 168   | 404      | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 8.856  | 114   | 1060     | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.632 | 117   | 1292     | 50.000   | ug/l  | # 0.00    |
| 72) 1,4-Dichlorobenzene-d4  | 13.555 | 152   | 1260     | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.309  | 65    | 324      | 72.568   | ug/l  | -0.02     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 145.140%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 136      | 19.444   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 38.880%#  |
| 50) Toluene-d8              | 10.332 | 98    | 1261     | 48.907   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 97.820%   |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 803      | 88.743   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 177.480%# |
| Target Compounds            |        |       |          |          |       | Qvalue    |
| 2) Dichlorodifluoromethane  | 1.985  | 85    | 558      | 138.225  | ug/l  | # 43      |
| 3) Chloromethane            | 2.215  | 50    | 377      | 82.589   | ug/l  | # 26      |
| 4) Vinyl Chloride           | 2.344  | 62    | 92       | 22.041   | ug/l  | # 43      |
| 5) Bromomethane             | 2.774  | 94    | 187      | 71.628   | ug/l  | 90        |
| 6) Chloroethane             | 2.909  | 64    | 91       | 35.464   | ug/l  | # 42      |
| 7) Trichlorofluoromethane   | 3.274  | 101   | 389      | 52.705   | ug/l  | # 41      |
| 10) Methyl Iodide           | 4.303  | 142   | 66       | 13.891   | ug/l  | # 38      |
| 11) Tert butyl alcohol      | 5.226  | 59    | 834      | 1203.968 | ug/l  | # 74      |
| 14) Allyl chloride          | 4.709  | 41    | 180      | 27.466   | ug/l  | # 22      |
| 16) Acetone                 | 4.156  | 43    | 2648     | 3424.090 | ug/l  | # 77      |
| 17) Carbon Disulfide        | 4.397  | 76    | 772      | 57.358   | ug/l  | # 74      |
| 18) Methyl Acetate          | 4.897  | 43    | 61       | 28.366   | ug/l  | # 55      |
| 19) Methyl tert-butyl Ether | 5.515  | 73    | 86       | 9.298    | ug/l  | # 53      |
| 20) Methylene Chloride      | 4.956  | 84    | 7961     | 1759.475 | ug/l  | # 75      |
| 22) Diisopropyl ether       | 6.373  | 45    | 68       | 4.950    | ug/l  | # 35      |
| 23) Vinyl Acetate           | 6.303  | 43    | 154      | 21.015   | ug/l  | # 75      |
| 24) 1,1-Dichloroethane      | 6.267  | 63    | 131      | 14.855   | ug/l  | # 82      |
| 25) 2-Butanone              | 7.191  | 43    | 2898     | 2561.354 | ug/l  | 99        |
| 26) 2,2-Dichloropropane     | 7.191  | 77    | 4032     | 536.142  | ug/l  | # 54      |
| 29) Tetrahydrofuran         | 7.562  | 42    | 81       | 110.716  | ug/l  | # 38      |
| 30) Chloroform              | 7.714  | 83    | 479      | 52.029   | ug/l  | # 17      |
| 31) Cyclohexane             | 7.985  | 56    | 1115     | 142.907  | ug/l  | # 79      |
| 32) 1,1,1-Trichloroethane   | 7.897  | 97    | 179      | 22.230   | ug/l  | # 22      |
| 36) 1,1-Dichloropropene     | 8.103  | 75    | 204      | 19.392   | ug/l  | # 43      |
| 37) Ethyl Acetate           | 7.273  | 43    | 238      | 57.277   | ug/l  | # 72      |
| 38) Carbon Tetrachloride    | 8.279  | 117   | 2995     | 280.862  | ug/l  | # 32      |
| 39) Methylcyclohexane       | 9.350  | 83    | 1908     | 162.746  | ug/l  | # 78      |
| 40) Benzene                 | 8.350  | 78    | 1112     | 36.678   | ug/l  | # 51      |
| 41) Methacrylonitrile       | 7.544  | 41    | 80       | 33.045   | ug/l  | # 27      |
| 43) Isopropyl Acetate       | 8.438  | 43    | 127      | 16.536   | ug/l  | # 54      |
| 44) Trichloroethene         | 9.108  | 130   | 148      | 18.306   | ug/l  | 1         |
| 47) Bromodichloromethane    | 9.632  | 83    | 96       | 8.947    | ug/l  | # 24      |
| 48) Methyl methacrylate     | 9.444  | 41    | 102      | 26.397   | ug/l  | # 19      |
| 51) 4-Methyl-2-Pentanone    | 10.214 | 43    | 1514     | 379.539  | ug/l  | # 73      |
| 52) Toluene                 | 10.391 | 92    | 413      | 21.557   | ug/l  | # 61      |
| 53) t-1,3-Dichloropropene   | 10.703 | 75    | 521      | 53.748   | ug/l  | # 44      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD053122\  
 Data File : VD073430.D  
 Acq On : 31 May 2022 17:41  
 Operator : VA/SY  
 Sample : N3107-03  
 Misc : 4.70G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MS-6

Quant Time: Jun 01 01:38:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 15:13:42 2022  
 Response via : Initial Calibration

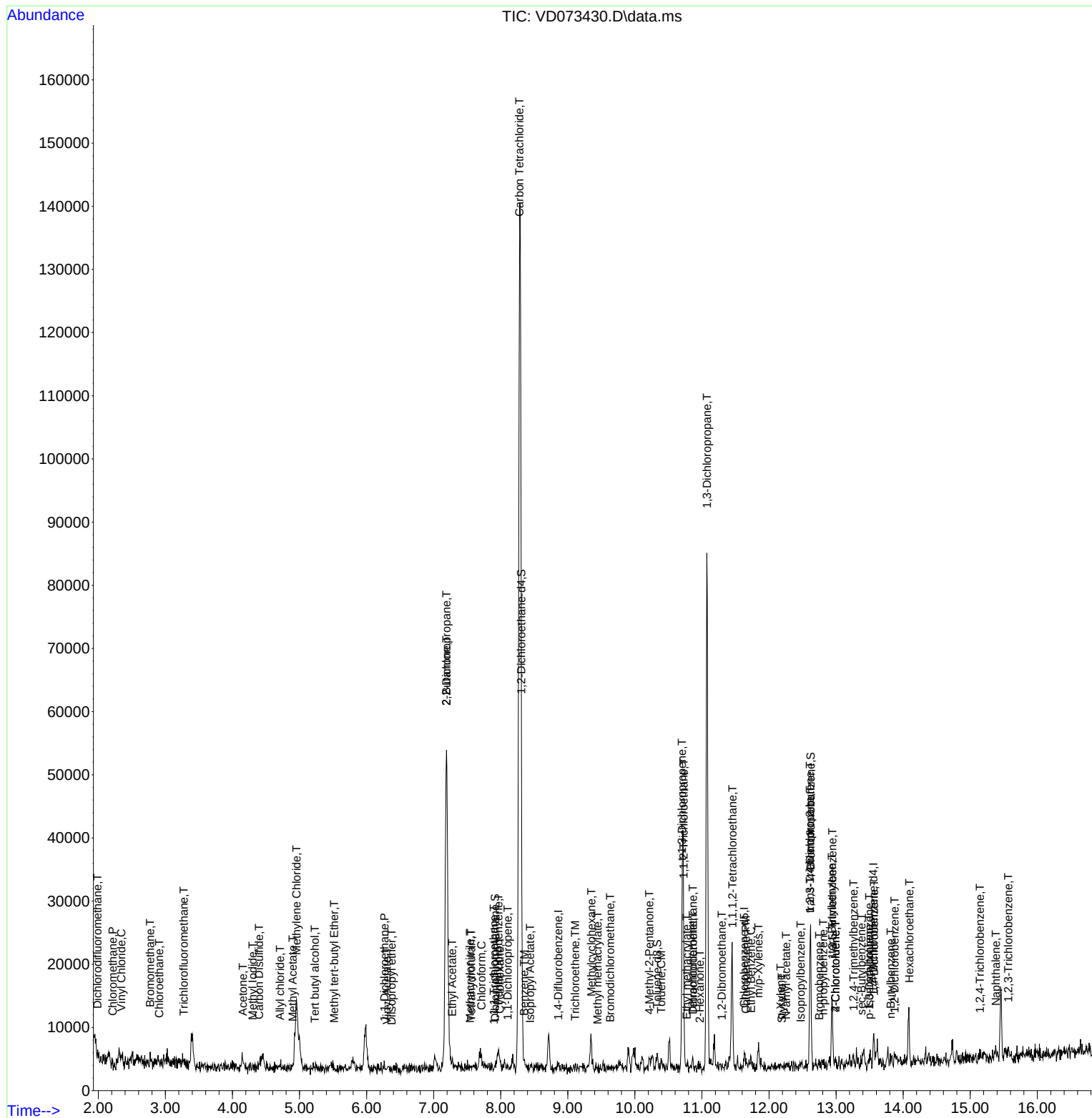
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 55) 1,1,2-Trichloroethane     | 10.726 | 97   | 255      | 44.969 | ug/l # | 15       |
| 56) Ethyl methacrylate        | 10.773 | 69   | 74       | 11.737 | ug/l # | 76       |
| 57) 1,3-Dichloropropane       | 11.073 | 76   | 524      | 55.072 | ug/l # | 42       |
| 59) 2-Hexanone                | 10.967 | 43   | 118      | 44.868 | ug/l # | 27       |
| 60) Dibromochloromethane      | 10.867 | 129  | 200      | 28.285 | ug/l # | 10       |
| 61) 1,2-Dibromoethane         | 11.297 | 107  | 68       | 12.549 | ug/l # | 3        |
| 64) Tetrachloroethene         | 10.867 | 164  | 63       | 7.445  | ug/l # | 34       |
| 65) Chlorobenzene             | 11.655 | 112  | 160      | 6.037  | ug/l # | 49       |
| 66) 1,1,1,2-Tetrachloroethane | 11.455 | 131  | 275      | 27.976 | ug/l # | 8        |
| 67) Ethyl Benzene             | 11.732 | 91   | 1565     | 33.635 | ug/l # | 75       |
| 68) m/p-Xylenes               | 11.844 | 106  | 1078     | 59.634 | ug/l   | 85       |
| 69) o-Xylene                  | 12.173 | 106  | 136      | 8.190  | ug/l # | 1        |
| 70) Styrene                   | 12.191 | 104  | 286      | 10.010 | ug/l   | 95       |
| 73) Isopropylbenzene          | 12.473 | 105  | 768      | 8.550  | ug/l # | 66       |
| 74) N-amyl acetate            | 12.255 | 43   | 78       | 3.981  | ug/l # | 45       |
| 76) 1,2,3-Trichloropropane    | 12.608 | 75   | 348      | 28.149 | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 114      | 5.391  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.808 | 91   | 1085     | 9.622  | ug/l   | 83       |
| 79) 2-Chlorotoluene           | 12.991 | 91   | 724      | 11.120 | ug/l   | 80       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 834      | 10.961 | ug/l # | 45       |
| 81) trans-1,4-Dichloro-2-b... | 12.608 | 75   | 348      | 67.577 | ug/l # | 7        |
| 82) 4-Chlorotoluene           | 12.991 | 91   | 724      | 10.609 | ug/l   | 79       |
| 83) tert-Butylbenzene         | 12.938 | 119  | 153      | 2.386  | ug/l   | 69       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1357     | 18.053 | ug/l   | 80       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 552      | 5.637  | ug/l   | 85       |
| 86) p-Isopropyltoluene        | 13.491 | 119  | 574      | 7.191  | ug/l # | 50       |
| 87) 1,3-Dichlorobenzene       | 13.496 | 146  | 83       | 1.947  | ug/l # | 1        |
| 88) 1,4-Dichlorobenzene       | 13.567 | 146  | 567      | 13.179 | ug/l # | 63       |
| 89) n-Butylbenzene            | 13.814 | 91   | 289      | 3.800  | ug/l # | 1        |
| 90) Hexachloroethane          | 14.091 | 117  | 63       | 3.814  | ug/l # | 17       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 253      | 6.861  | ug/l # | 47       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 156      | 7.451  | ug/l # | 53       |
| 95) Naphthalene               | 15.385 | 128  | 1649     | 40.701 | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 15.567 | 180  | 288      | 15.517 | ug/l # | 31       |

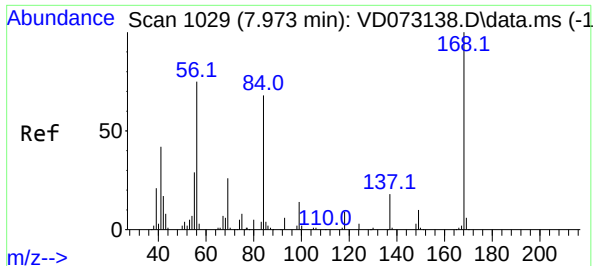
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD053122\  
Data File : VD073430.D  
Acq On : 31 May 2022 17:41  
Operator : VA/SY  
Sample : N3107-03  
Misc : 4.70G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

Quant Time: Jun 01 01:38:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 19 15:13:42 2022  
Response via : Initial Calibration

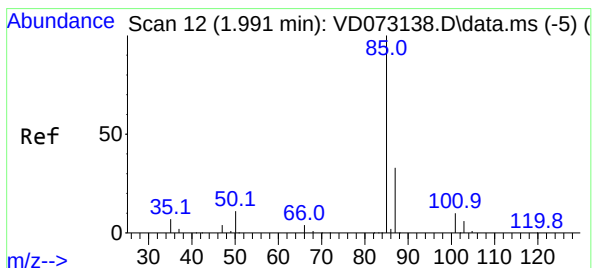
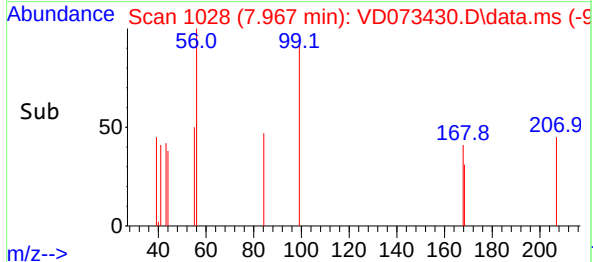
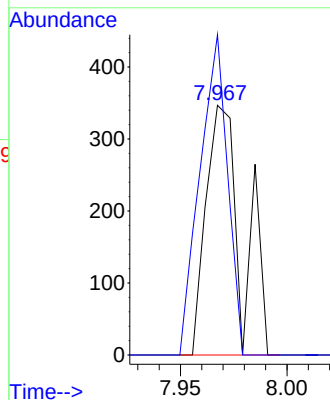
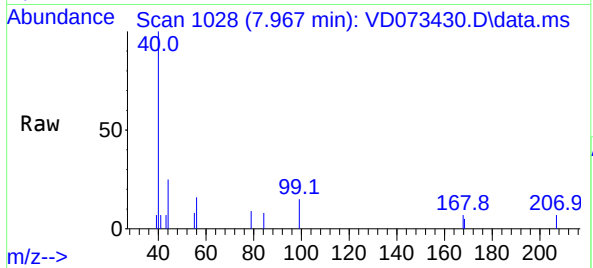




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.967 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

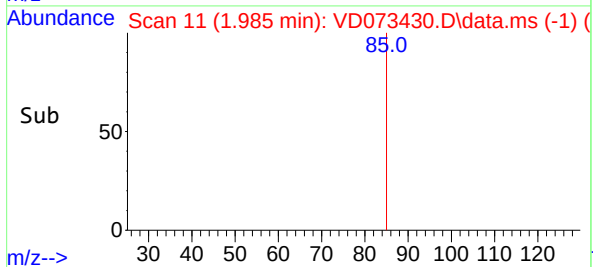
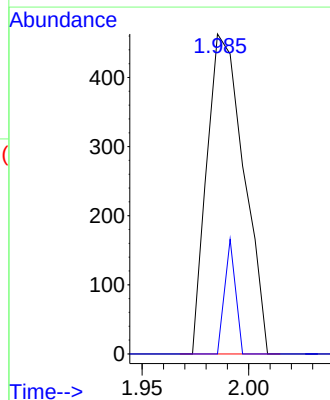
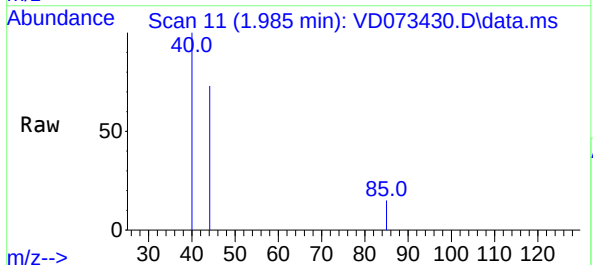
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

Tgt Ion:168 Resp: 404  
Ion Ratio Lower Upper  
168 100  
99 128.2 49.8 74.6#

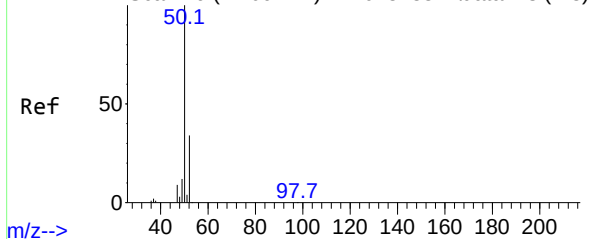


#2  
Dichlorodifluoromethane  
Concen: 138.225 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 85 Resp: 558  
Ion Ratio Lower Upper  
85 100  
87 0.0 15.7 47.0#



Abundance Scan 49 (2.209 min): VD073138.D\data.ms (-43)



#3

Chloromethane

Concen: 82.589 ug/l

RT: 2.215 min Scan# 50

Delta R.T. 0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

MS-6

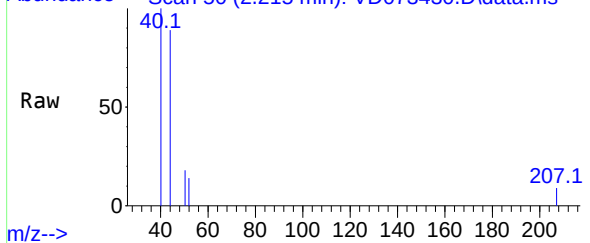
Tgt Ion: 50 Resp: 377

Ion Ratio Lower Upper

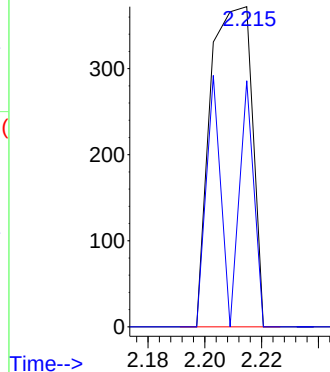
50 100

52 76.9 27.4 41.0#

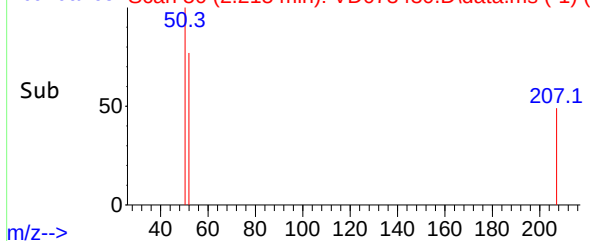
Abundance Scan 50 (2.215 min): VD073430.D\data.ms



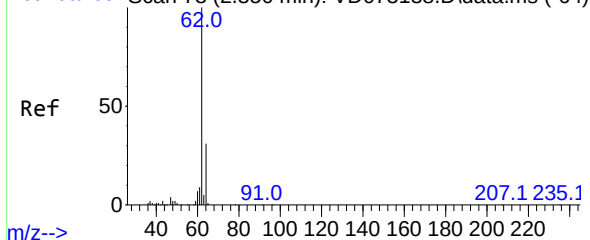
Abundance



Abundance Scan 50 (2.215 min): VD073430.D\data.ms (-1)



Abundance Scan 73 (2.350 min): VD073138.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 22.041 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

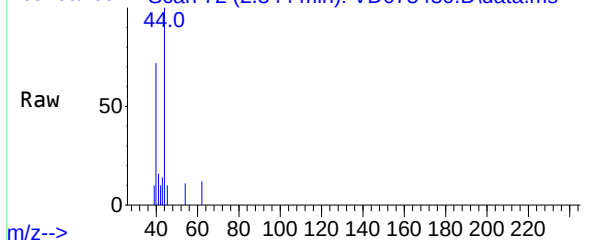
Tgt Ion: 62 Resp: 92

Ion Ratio Lower Upper

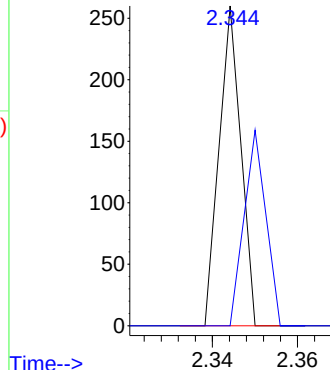
62 100

64 0.0 25.4 38.0#

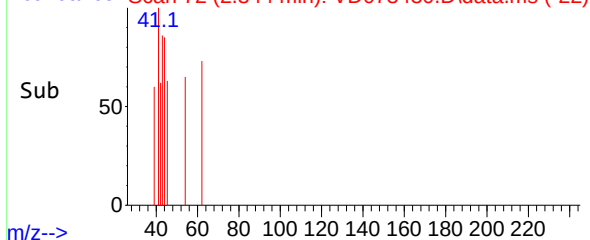
Abundance Scan 72 (2.344 min): VD073430.D\data.ms

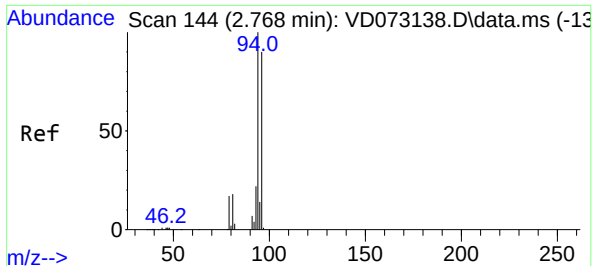


Abundance



Abundance Scan 72 (2.344 min): VD073430.D\data.ms (-22)

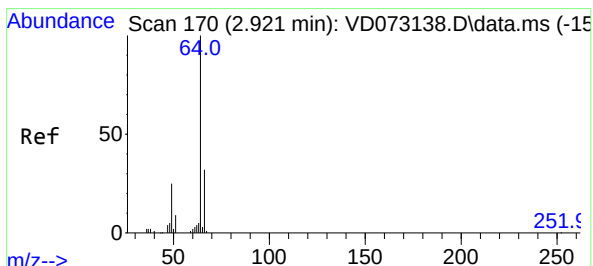
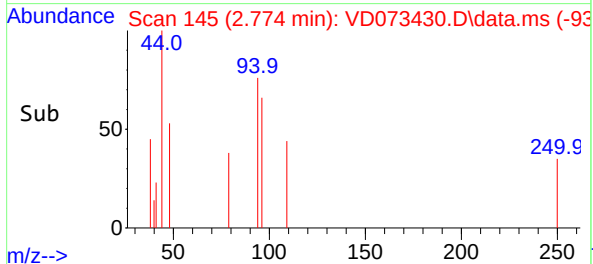
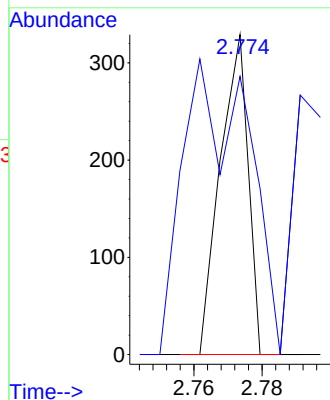
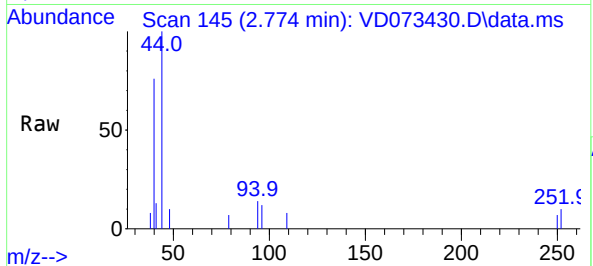




#5  
Bromomethane  
Concen: 71.628 ug/l  
RT: 2.774 min Scan# 144  
Delta R.T. 0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

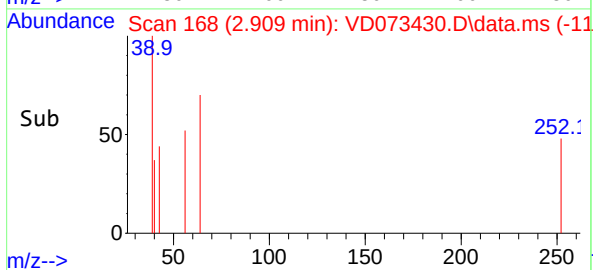
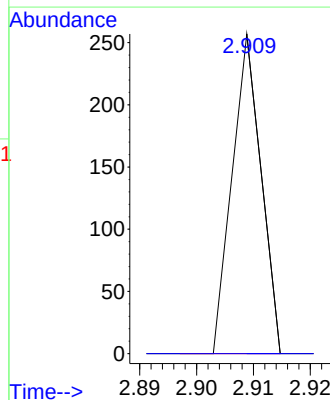
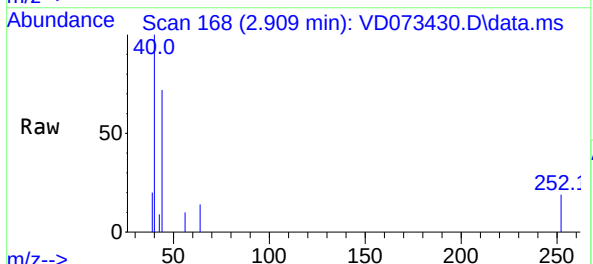
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

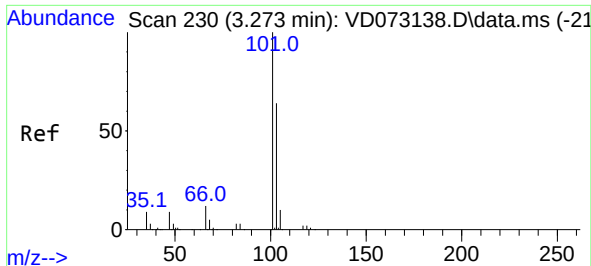
Tgt Ion: 94 Resp: 187  
Ion Ratio Lower Upper  
94 100  
96 86.9 77.6 116.4



#6  
Chloroethane  
Concen: 35.464 ug/l  
RT: 2.909 min Scan# 168  
Delta R.T. -0.012 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 64 Resp: 91  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.9 38.9#

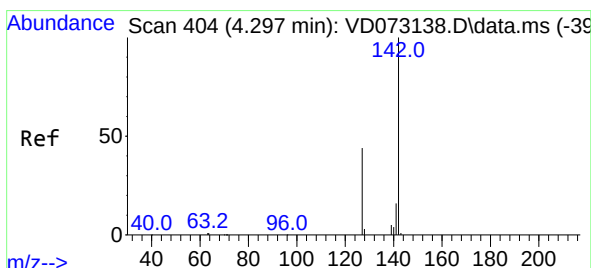
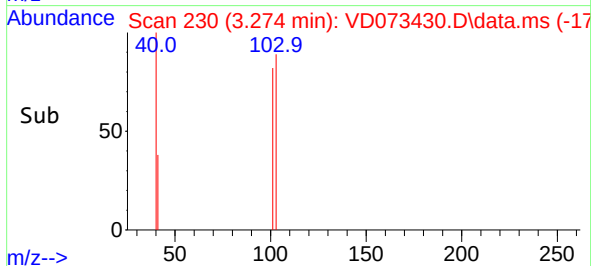
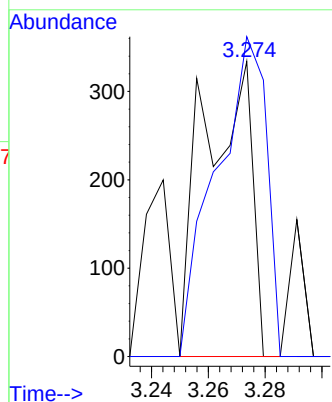
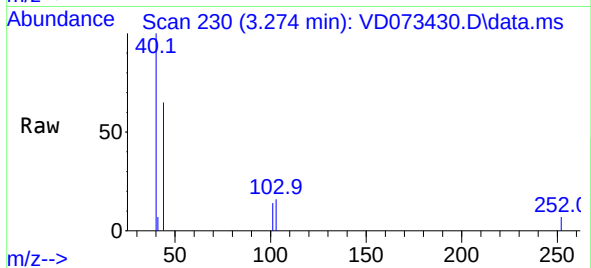




#7  
 Trichlorofluoromethane  
 Concen: 52.705 ug/l  
 RT: 3.274 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: VD073430.D  
 Acq: 31 May 2022 17:41

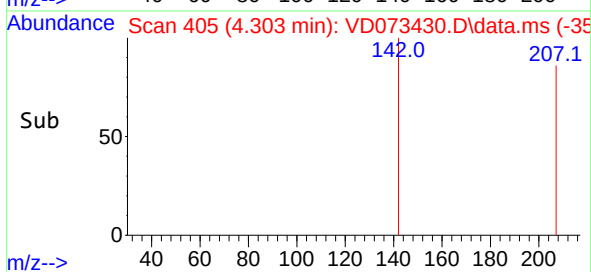
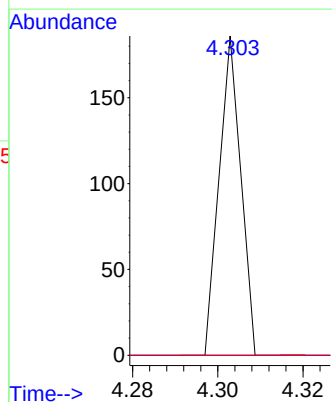
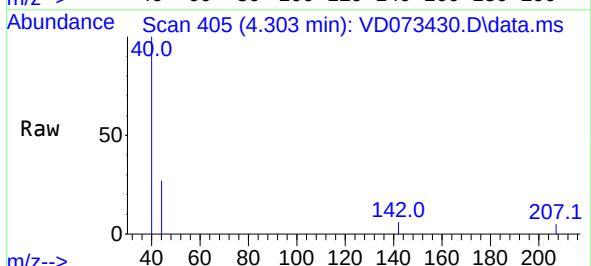
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MS-6

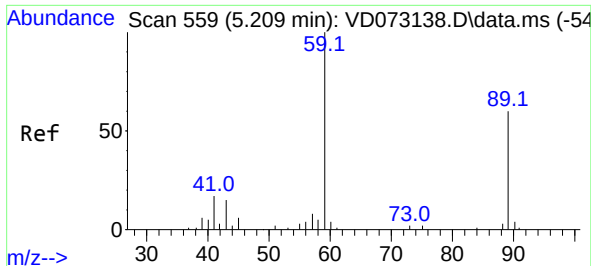
Tgt Ion:101 Resp: 389  
 Ion Ratio Lower Upper  
 101 100  
 103 108.4 50.1 75.1#



#10  
 Methyl Iodide  
 Concen: 13.891 ug/l  
 RT: 4.303 min Scan# 405  
 Delta R.T. 0.006 min  
 Lab File: VD073430.D  
 Acq: 31 May 2022 17:41

Tgt Ion:142 Resp: 66  
 Ion Ratio Lower Upper  
 142 100  
 127 0.0 37.3 55.9#  
 141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 1203.968 ug/l

RT: 5.226 min Scan# 5

Delta R.T. 0.017 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

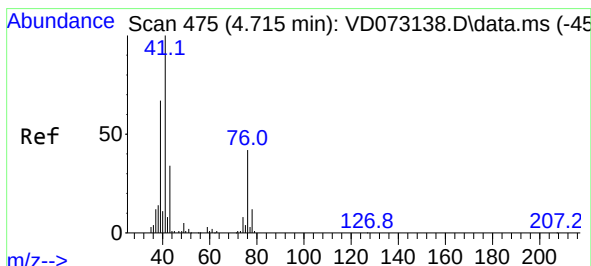
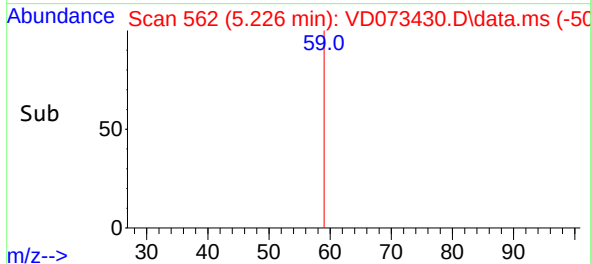
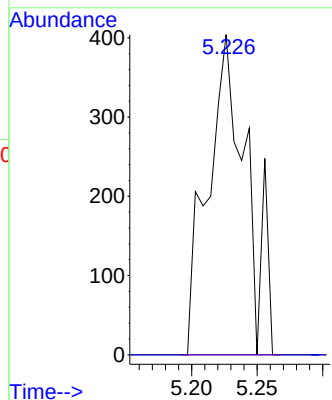
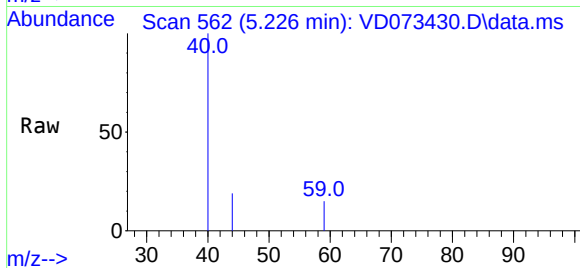
MS-6

Tgt Ion: 59 Resp: 834

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#14

Allyl chloride

Concen: 27.466 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

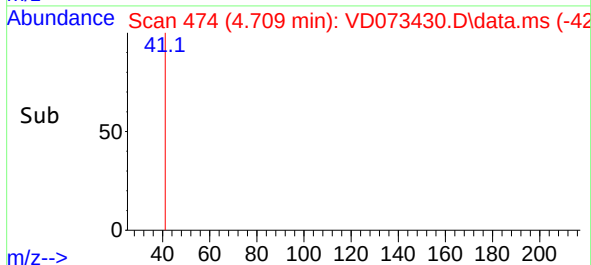
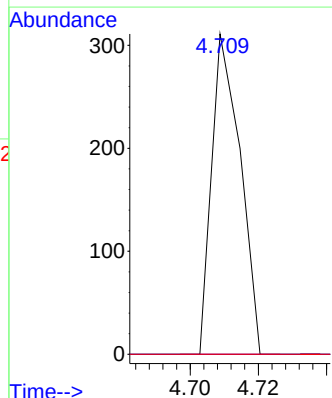
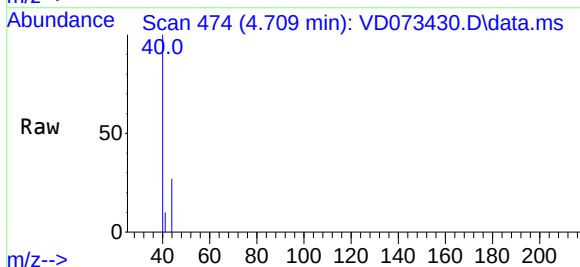
Tgt Ion: 41 Resp: 180

Ion Ratio Lower Upper

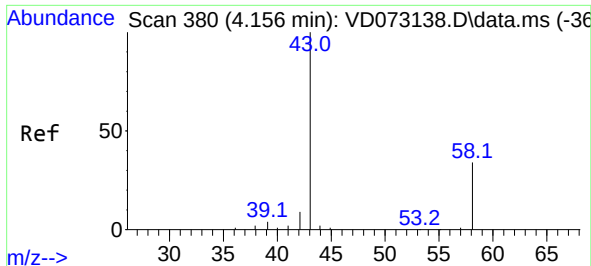
41 100

39 0.0 59.3 88.9#

76 0.0 25.7 38.5#



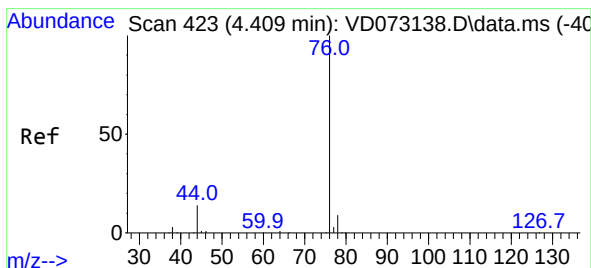
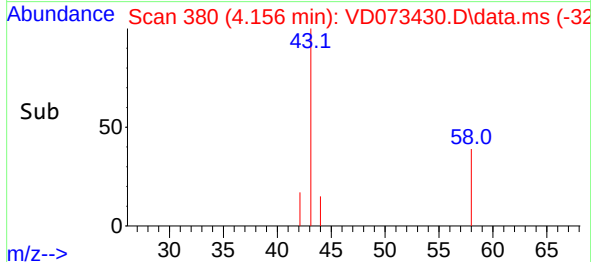
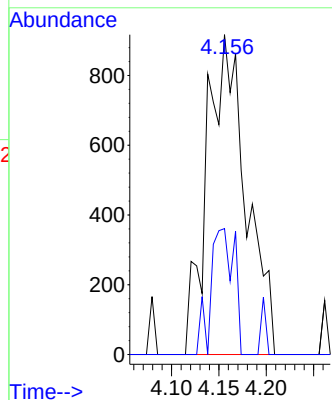
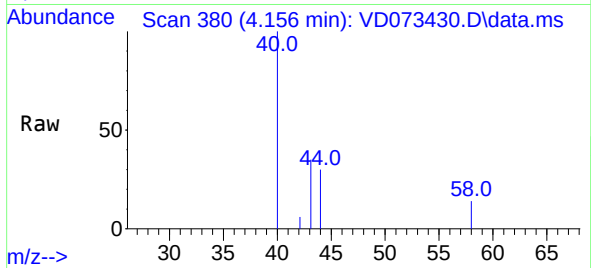




#16  
Acetone  
Concen: 3424.090 ug/l  
RT: 4.156 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

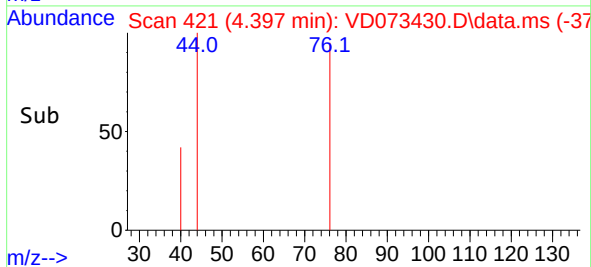
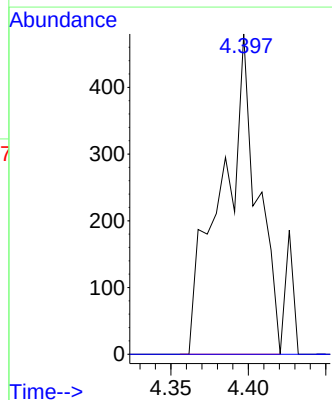
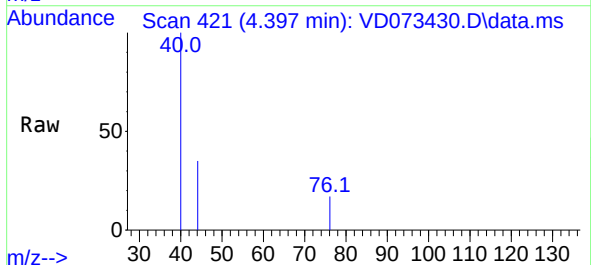
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

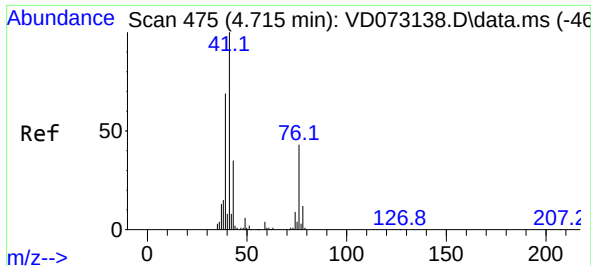
Tgt Ion: 43 Resp: 2648  
Ion Ratio Lower Upper  
43 100  
58 39.4 22.1 33.1#



#17  
Carbon Disulfide  
Concen: 57.358 ug/l  
RT: 4.397 min Scan# 421  
Delta R.T. -0.012 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 76 Resp: 772  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#





#18

Methyl Acetate

Concen: 28.366 ug/l

RT: 4.897 min Scan# 50

Delta R.T. 0.182 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

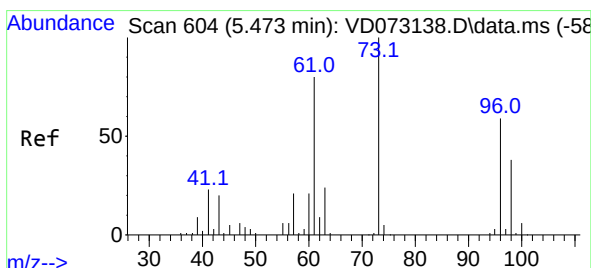
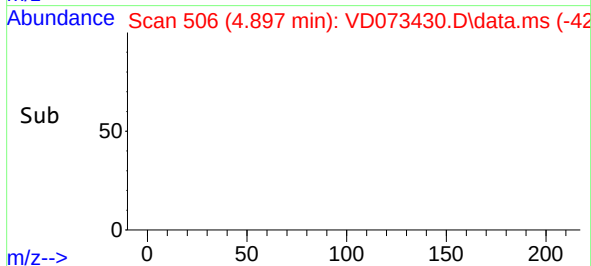
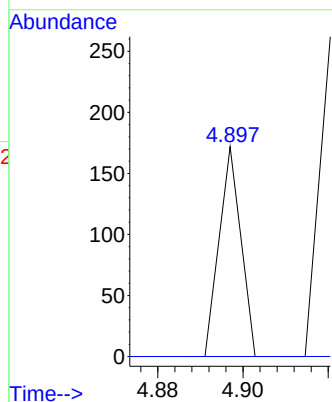
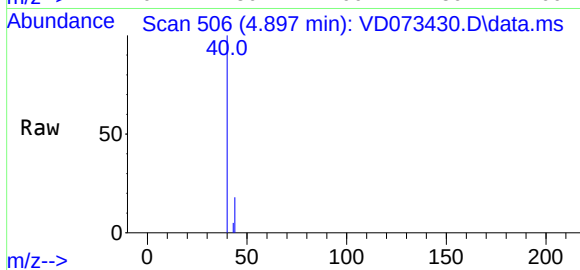
MS-6

Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#19

Methyl tert-butyl Ether

Concen: 9.298 ug/l

RT: 5.515 min Scan# 611

Delta R.T. 0.042 min

Lab File: VD073430.D

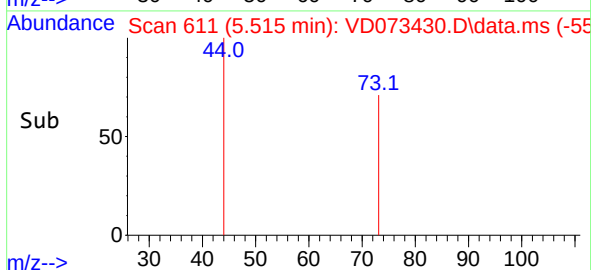
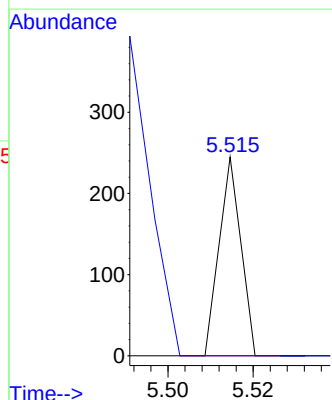
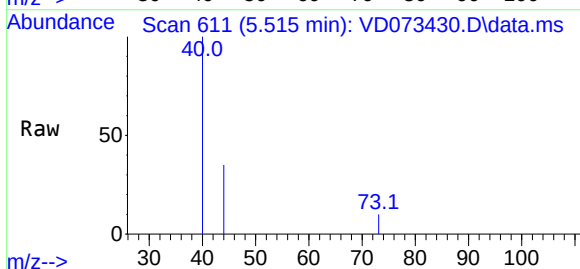
Acq: 31 May 2022 17:41

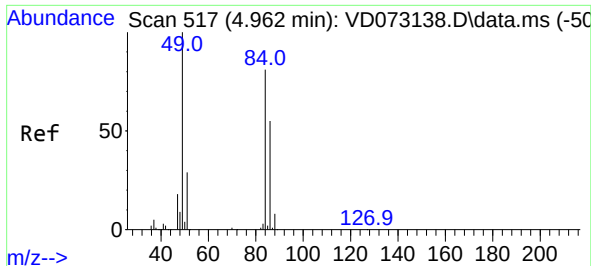
Tgt Ion: 73 Resp: 86

Ion Ratio Lower Upper

73 100

57 0.0 18.0 27.0#

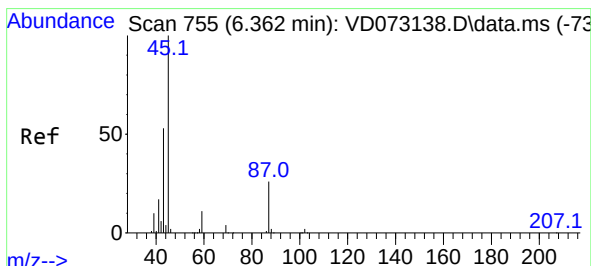
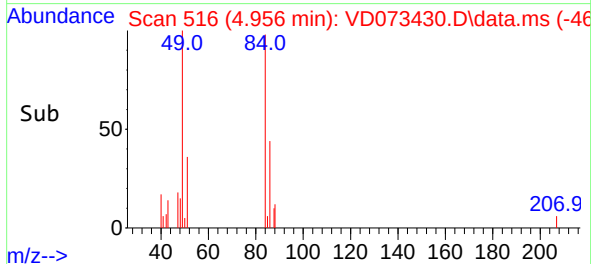
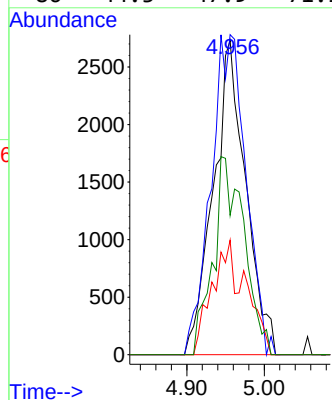
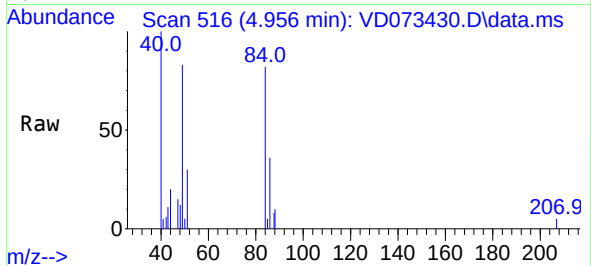




#20  
Methylene Chloride  
Concen: 1759.475 ug/l  
RT: 4.956 min Scan# 517  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

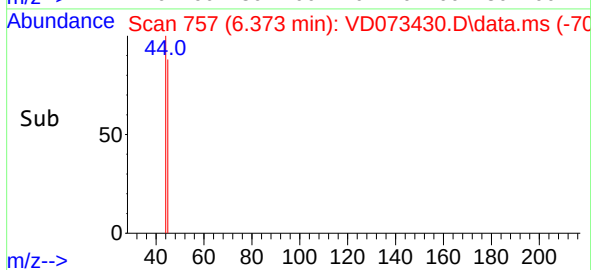
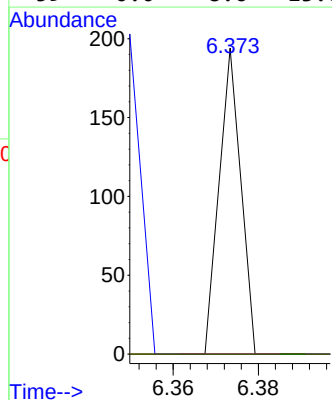
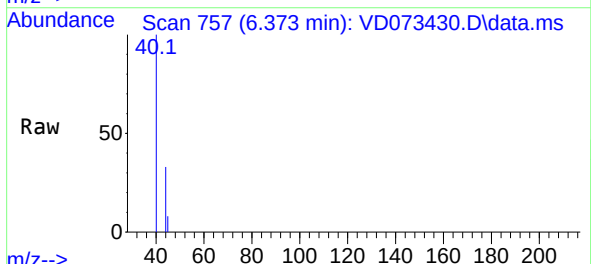
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

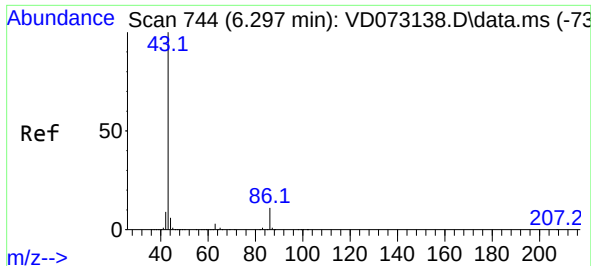
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 7961   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 101.8 | 112.8 | 169.2# |
| 51       | 36.4  | 32.6  | 48.8   |
| 86       | 44.3  | 47.9  | 71.9#  |



#22  
Diisopropyl ether  
Concen: 4.950 ug/l  
RT: 6.373 min Scan# 757  
Delta R.T. 0.011 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 68    |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 0.0   | 46.6  | 70.0# |
| 87       | 0.0   | 18.4  | 27.6# |
| 59       | 0.0   | 8.6   | 13.0# |

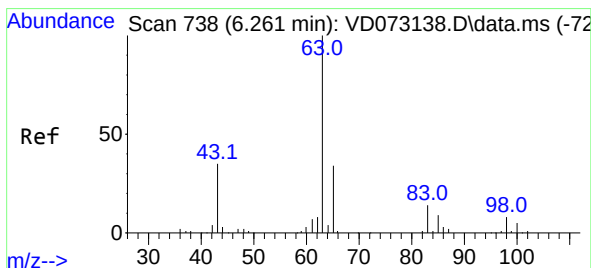
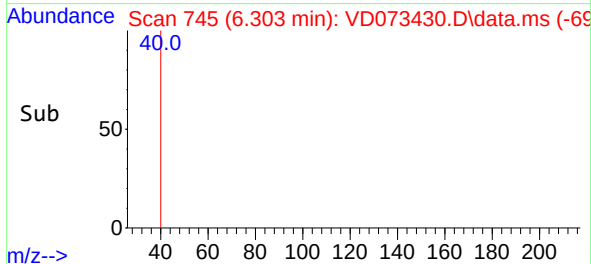
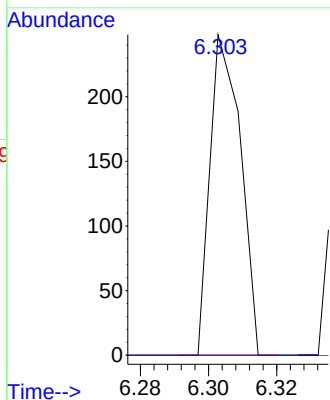
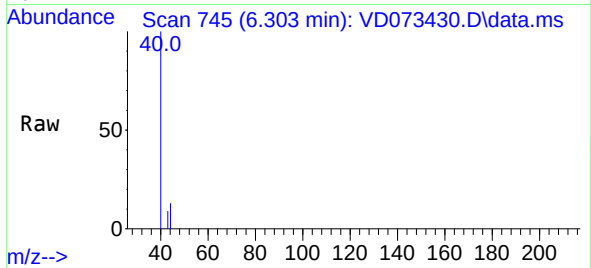




#23  
 Vinyl Acetate  
 Concen: 21.015 ug/l  
 RT: 6.303 min Scan# 744  
 Delta R.T. 0.006 min  
 Lab File: VD073430.D  
 Acq: 31 May 2022 17:41

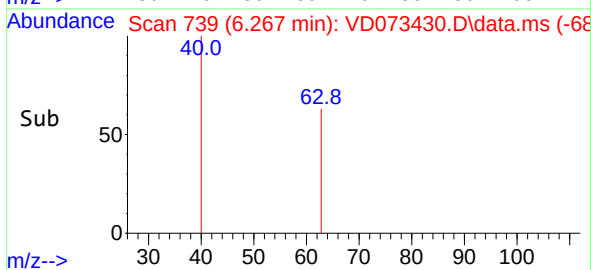
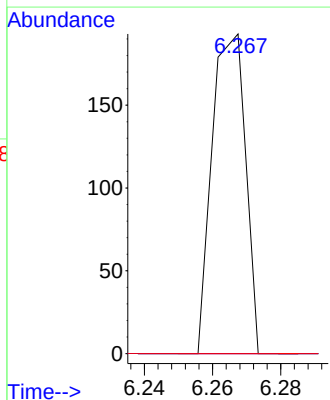
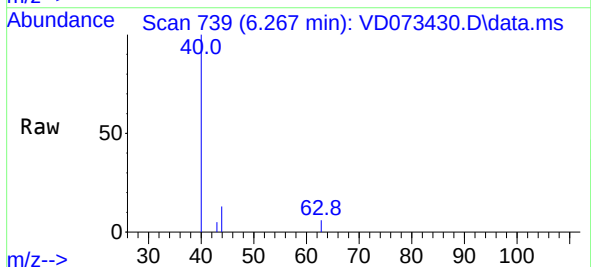
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MS-6

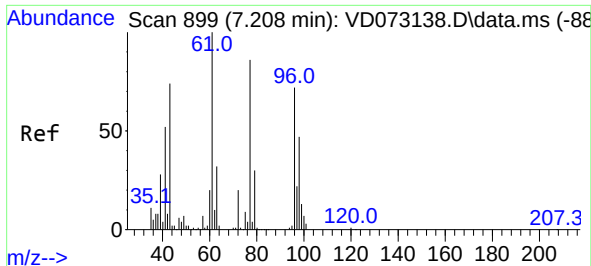
Tgt Ion: 43 Resp: 154  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 14.855 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.006 min  
 Lab File: VD073430.D  
 Acq: 31 May 2022 17:41

Tgt Ion: 63 Resp: 131  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.6 10.9#  
 100 0.0 2.1 6.5#

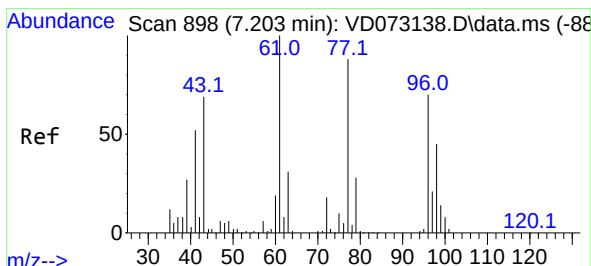
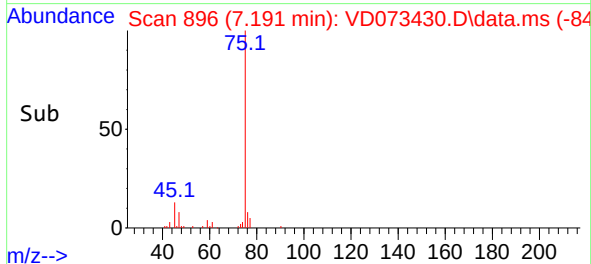
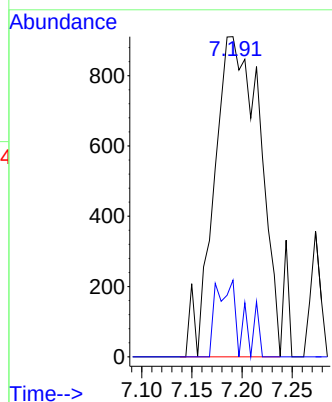
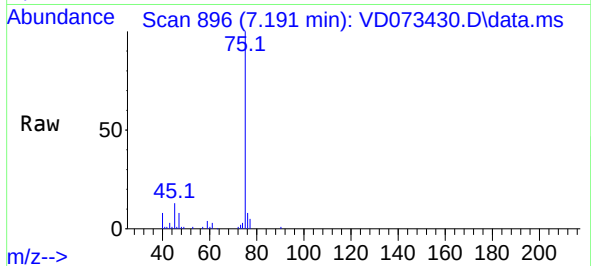




#25  
2-Butanone  
Concen: 2561.354 ug/l  
RT: 7.191 min Scan# 896  
Delta R.T. -0.017 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

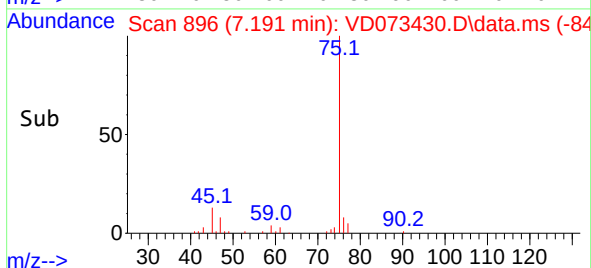
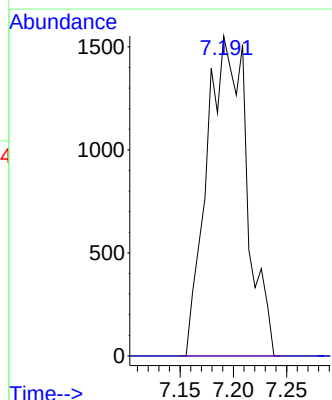
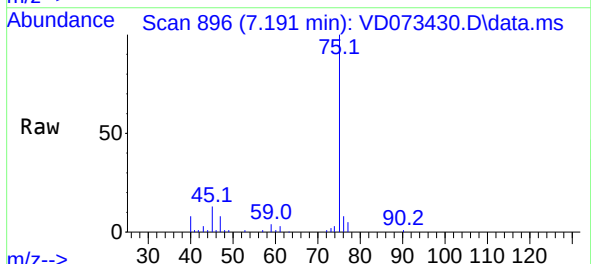
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

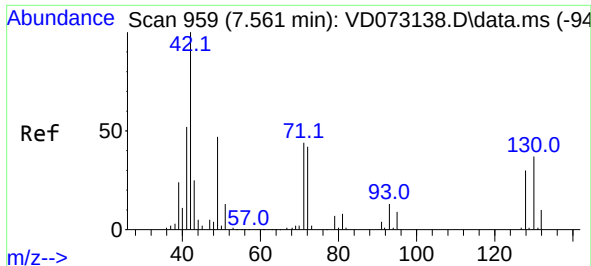
Tgt Ion: 43 Resp: 2898  
Ion Ratio Lower Upper  
43 100  
72 23.9 18.6 27.8



#26  
2,2-Dichloropropane  
Concen: 536.142 ug/l  
RT: 7.191 min Scan# 896  
Delta R.T. -0.012 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 77 Resp: 4032  
Ion Ratio Lower Upper  
77 100  
97 0.0 10.8 32.4#





#29

Tetrahydrofuran

Concen: 110.716 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

MS-6

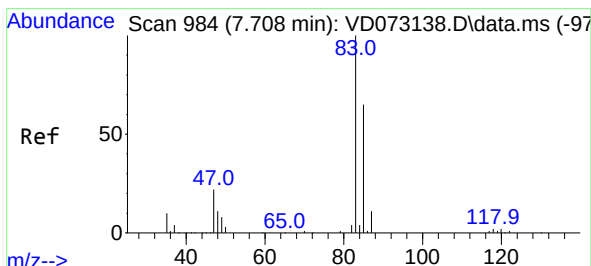
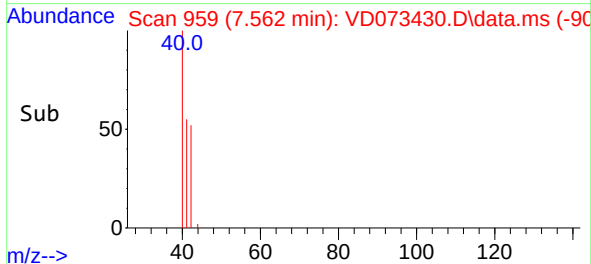
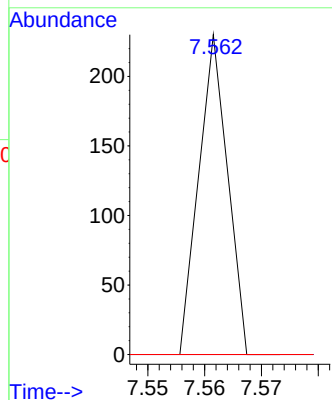
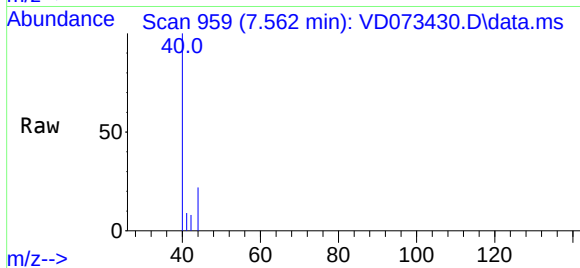
Tgt Ion: 42 Resp: 81

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#30

Chloroform

Concen: 52.029 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.006 min

Lab File: VD073430.D

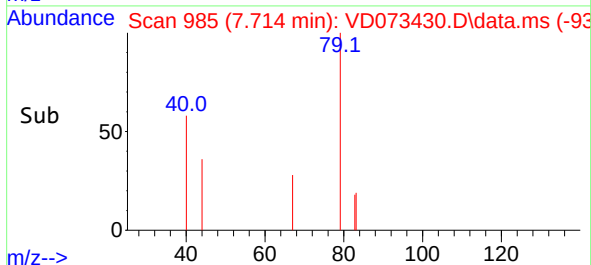
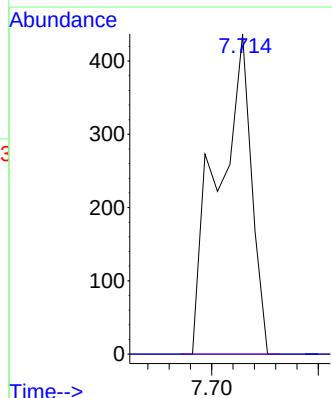
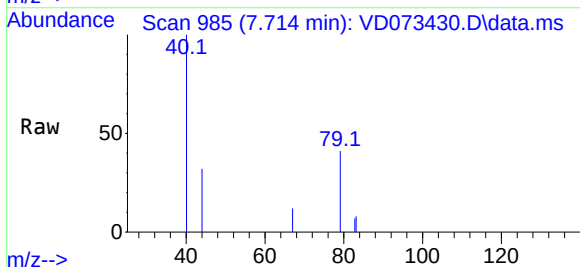
Acq: 31 May 2022 17:41

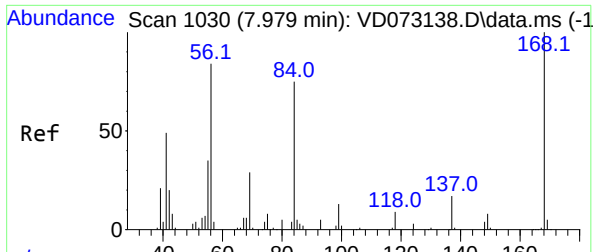
Tgt Ion: 83 Resp: 479

Ion Ratio Lower Upper

83 100

85 0.0 52.7 79.1#





#31

Cyclohexane

Concen: 142.907 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

MS-6

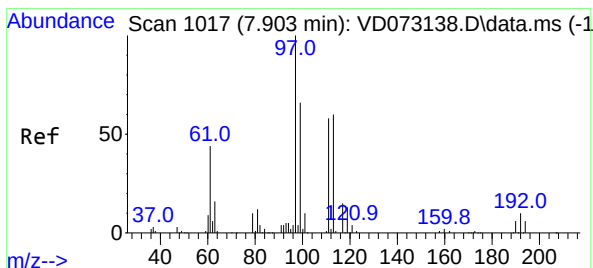
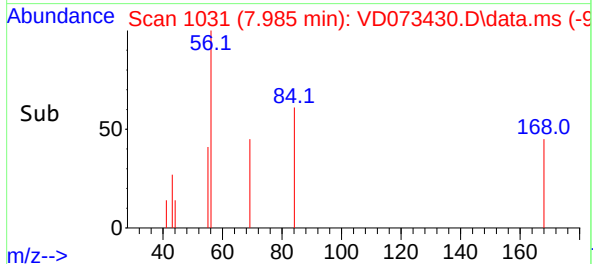
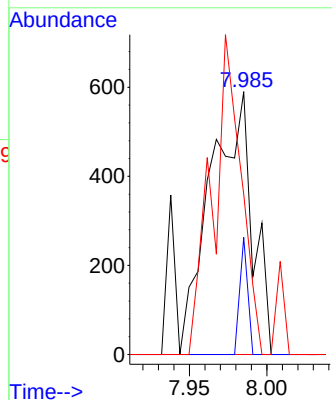
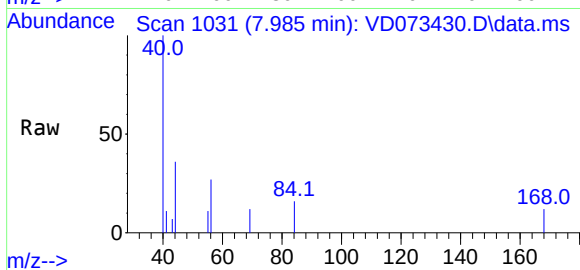
Tgt Ion: 56 Resp: 1115

Ion Ratio Lower Upper

56 100

69 44.6 25.4 38.2#

84 61.0 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 22.230 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

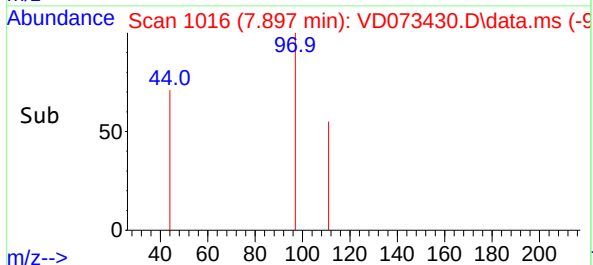
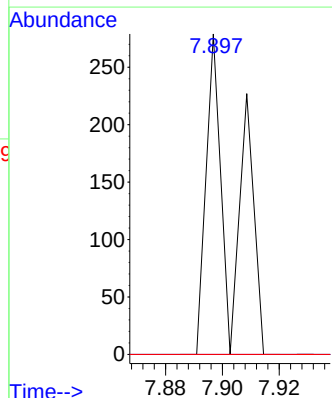
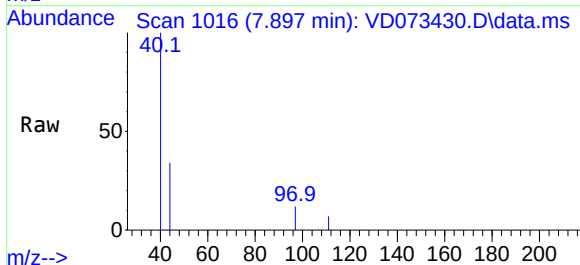
Tgt Ion: 97 Resp: 179

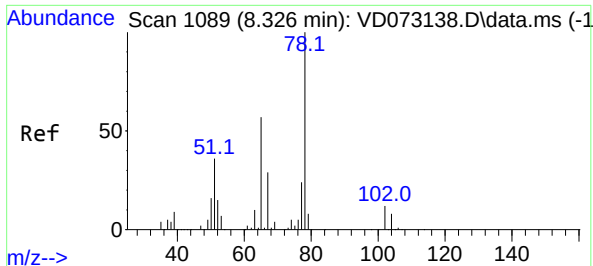
Ion Ratio Lower Upper

97 100

99 0.0 52.4 78.6#

61 0.0 38.0 57.0#

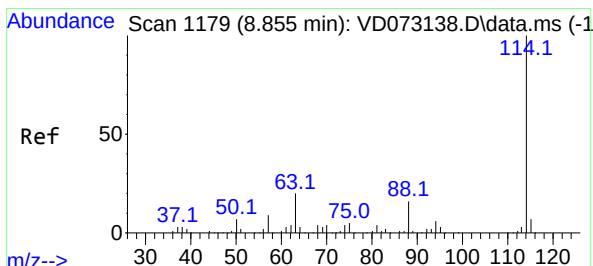
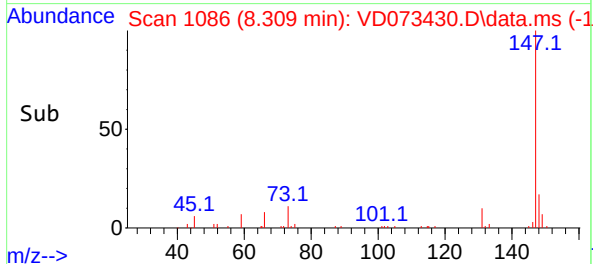
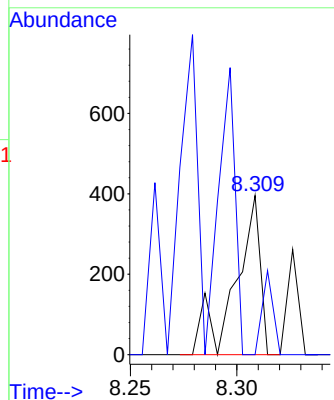
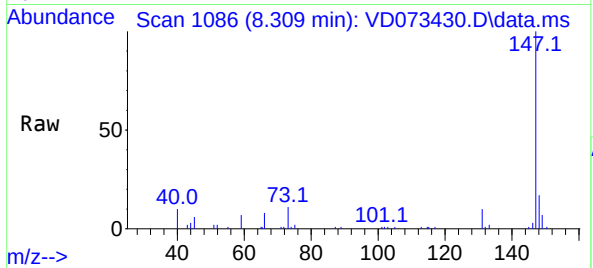




#33  
1,2-Dichloroethane-d4  
Concen: 72.568 ug/l  
RT: 8.309 min Scan# 1086  
Delta R.T. -0.017 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

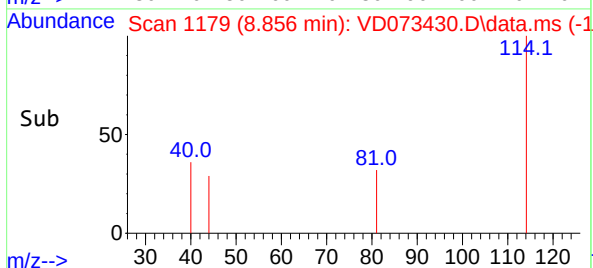
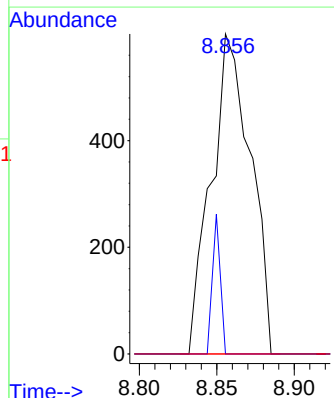
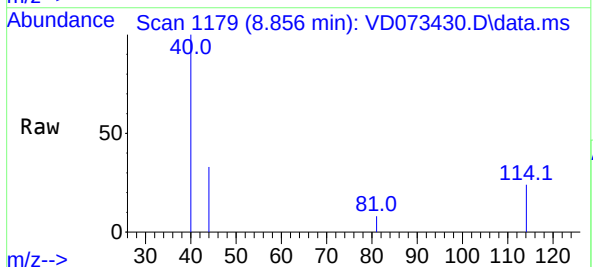
Instrument : MSVOA\_D  
ClientSampleId : MS-6

Tgt Ion: 65 Resp: 324  
Ion Ratio Lower Upper  
65 100  
67 22.8 0.0 101.4

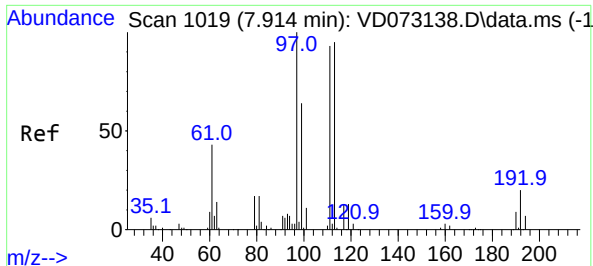


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.856 min Scan# 1179  
Delta R.T. 0.001 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 114 Resp: 1060  
Ion Ratio Lower Upper  
114 100  
63 0.0 0.0 46.6  
88 0.0 0.0 33.2



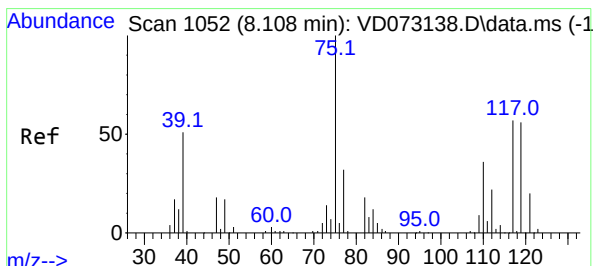
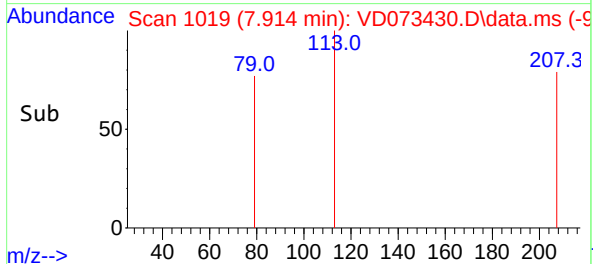
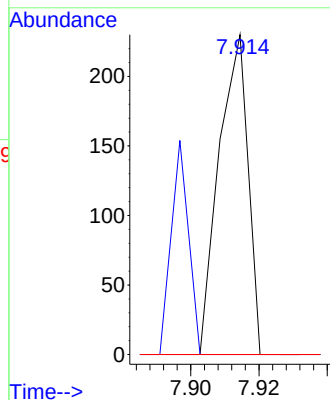
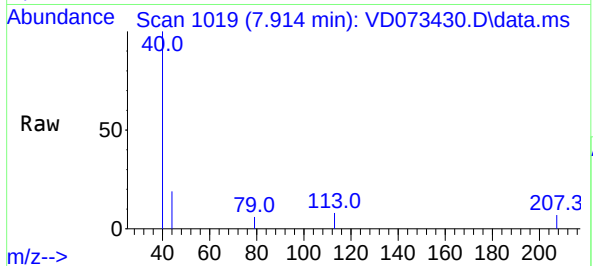




#35  
Dibromofluoromethane  
Concen: 19.444 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

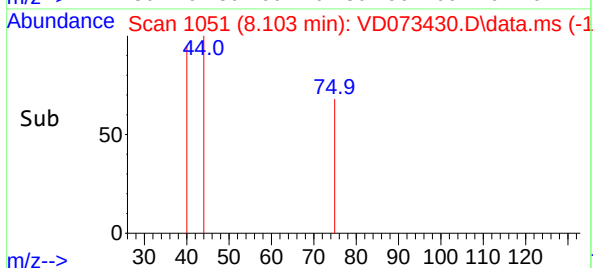
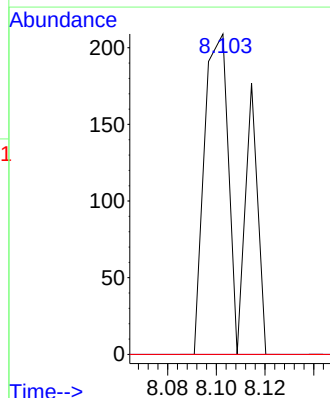
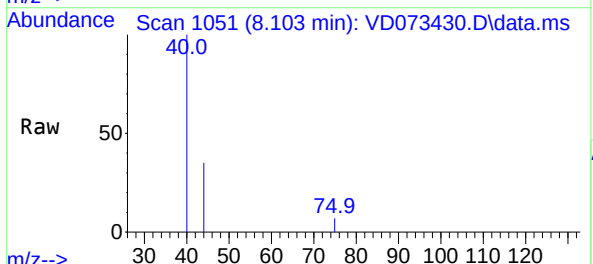
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

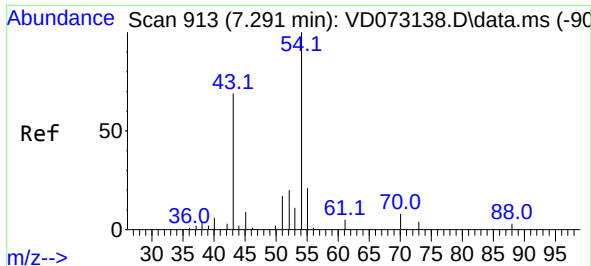
Tgt Ion:113 Resp: 136  
Ion Ratio Lower Upper  
113 100  
111 39.7 83.8 125.6#  
192 0.0 14.6 21.8#



#36  
1,1-Dichloropropene  
Concen: 19.392 ug/l  
RT: 8.103 min Scan# 1051  
Delta R.T. -0.005 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 75 Resp: 204  
Ion Ratio Lower Upper  
75 100  
110 0.0 16.4 49.1#  
77 0.0 24.2 36.2#

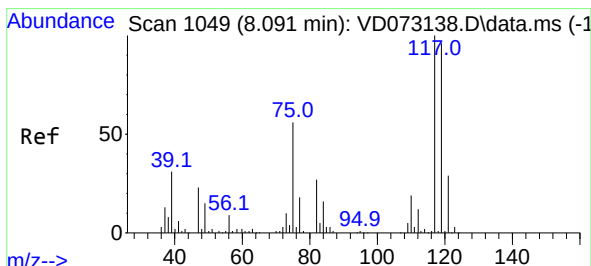
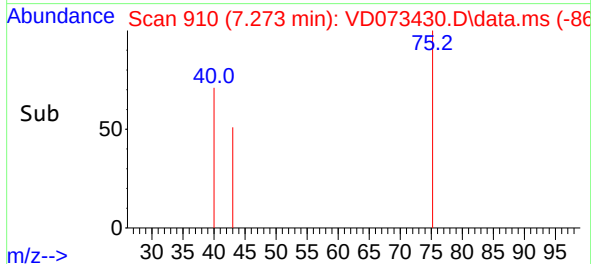
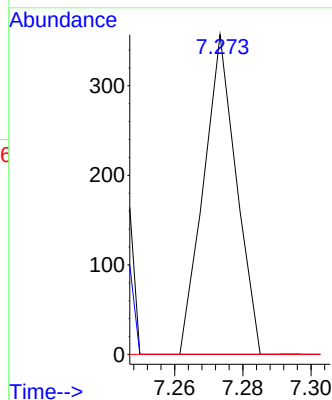
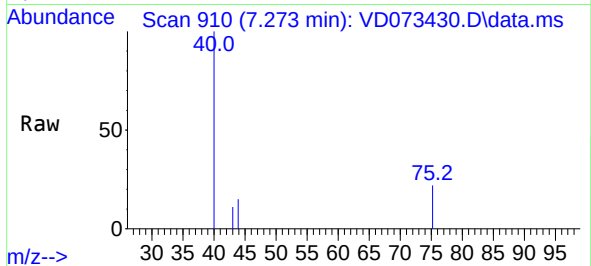




#37  
Ethyl Acetate  
Concen: 57.277 ug/l  
RT: 7.273 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

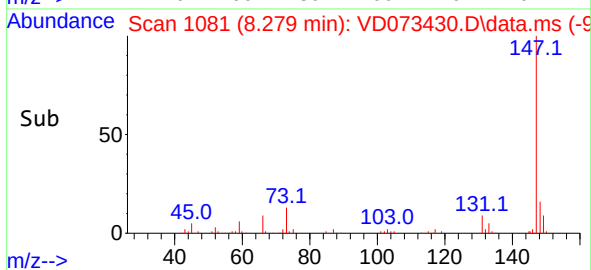
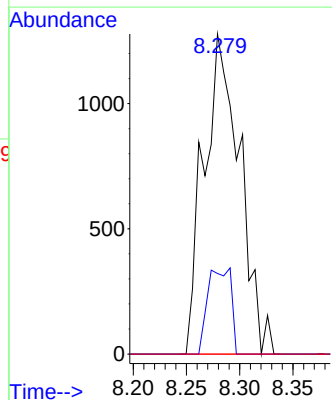
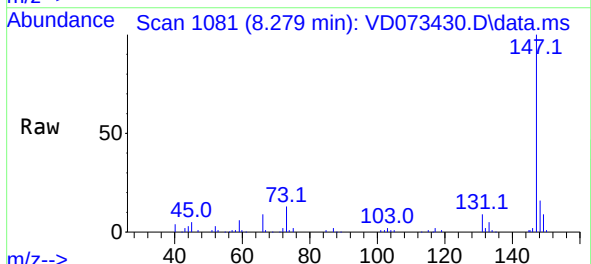
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

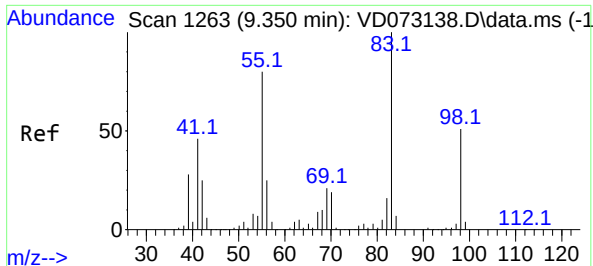
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 238   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 0.0      | 9.8 14.8#   |
| 70 0.0      | 6.9 10.3#   |



#38  
Carbon Tetrachloride  
Concen: 280.862 ug/l  
RT: 8.279 min Scan# 1081  
Delta R.T. 0.188 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|             |       |       |        |
|-------------|-------|-------|--------|
| Tgt Ion:117 | Resp: | 2995  |        |
| Ion         | Ratio | Lower | Upper  |
| 117         | 100   |       |        |
| 119         | 25.2  | 75.8  | 113.6# |
| 121         | 0.0   | 24.5  | 36.7#  |





#39

Methylcyclohexane

Concen: 162.746 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

MS-6

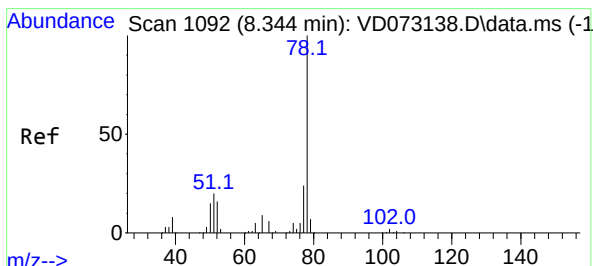
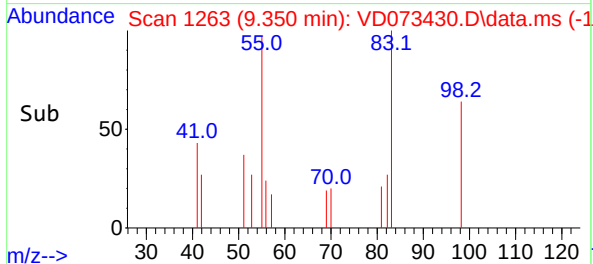
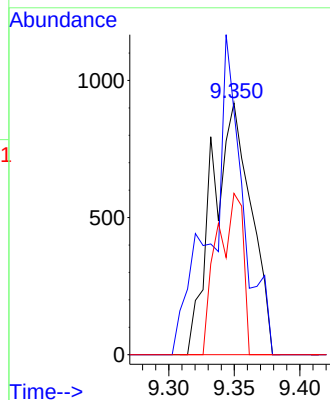
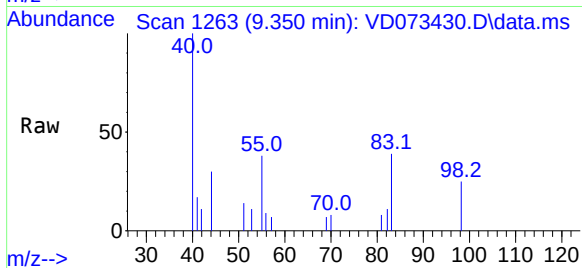
Tgt Ion: 83 Resp: 1908

Ion Ratio Lower Upper

83 100

55 96.8 63.2 94.8#

98 64.1 38.2 57.4#



#40

Benzene

Concen: 36.678 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD073430.D

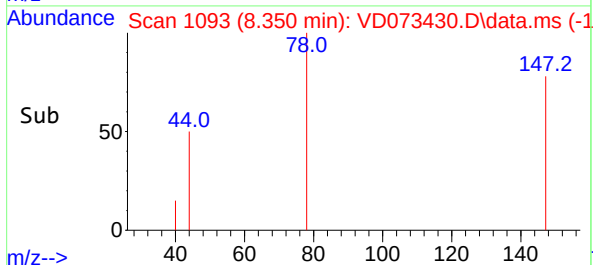
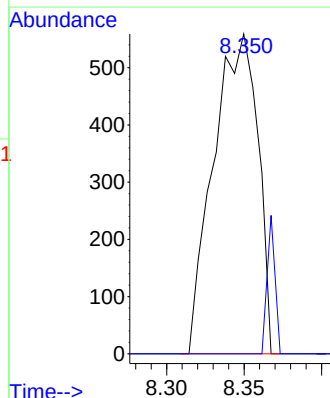
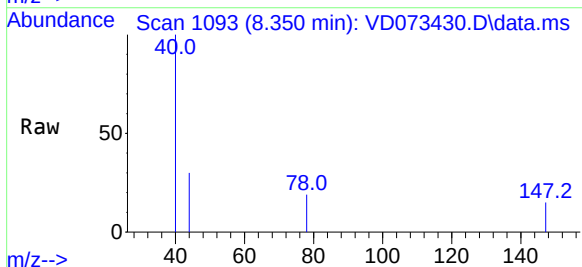
Acq: 31 May 2022 17:41

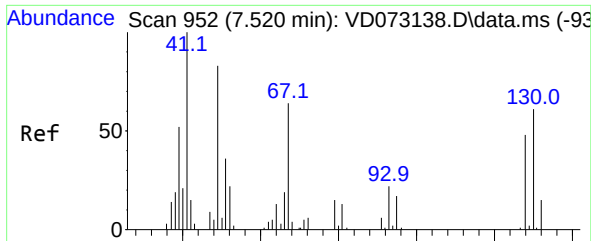
Tgt Ion: 78 Resp: 1112

Ion Ratio Lower Upper

78 100

77 0.0 19.1 28.7#

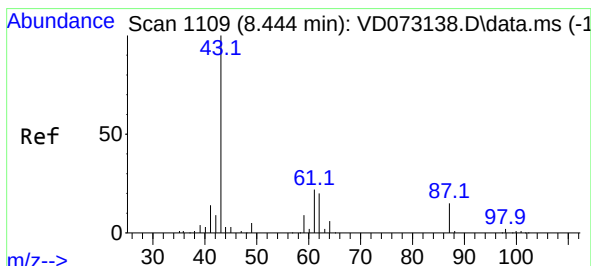
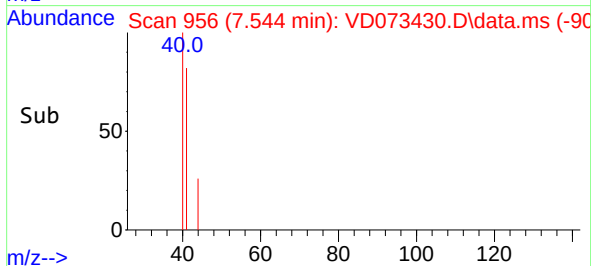
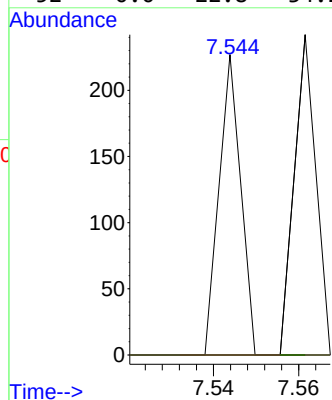
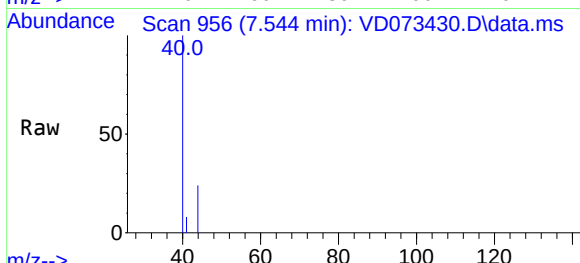




#41  
Methacrylonitrile  
Concen: 33.045 ug/l  
RT: 7.544 min Scan# 91  
Delta R.T. 0.024 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

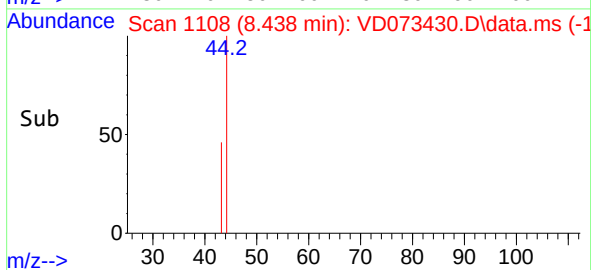
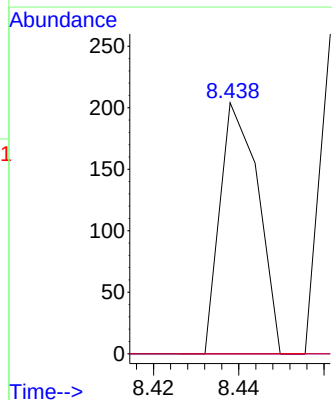
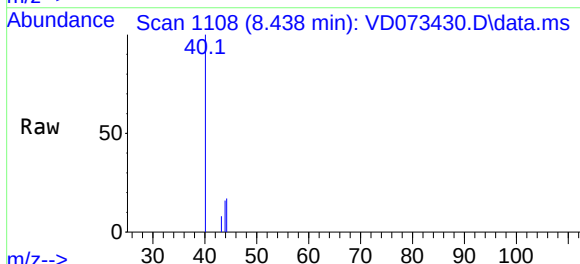
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

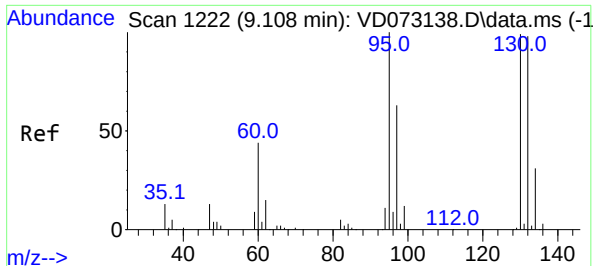
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 80    |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 44.6  | 67.0# |
| 67       | 0.0   | 48.2  | 72.4# |
| 52       | 0.0   | 22.8  | 34.2# |



#43  
Isopropyl Acetate  
Concen: 16.536 ug/l  
RT: 8.438 min Scan# 1108  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 127   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 22.4  | 33.6# |
| 87       | 0.0   | 8.7   | 13.1# |

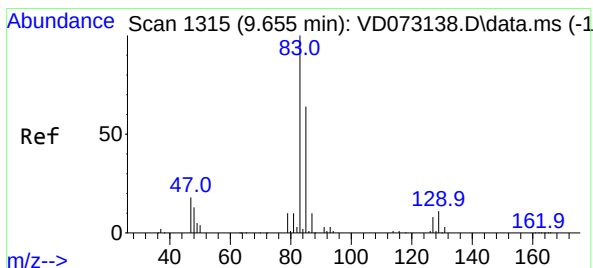
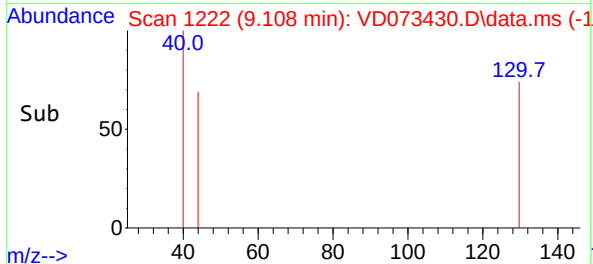
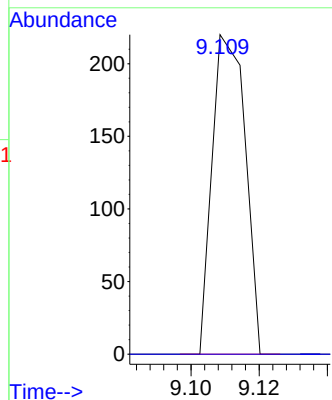
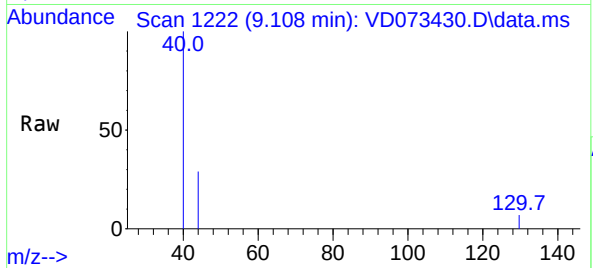




#44  
Trichloroethene  
Concen: 18.306 ug/l  
RT: 9.108 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

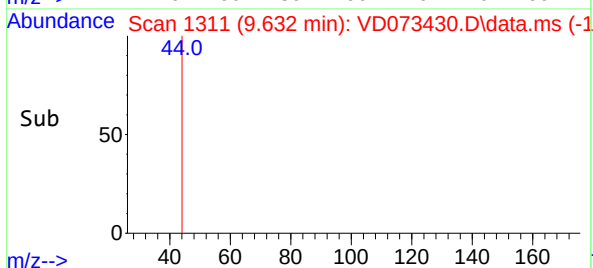
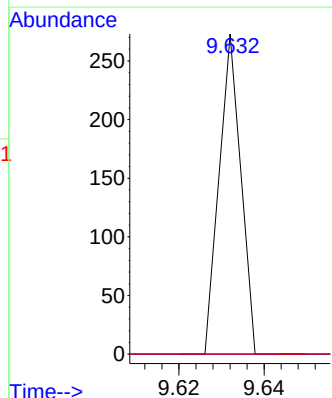
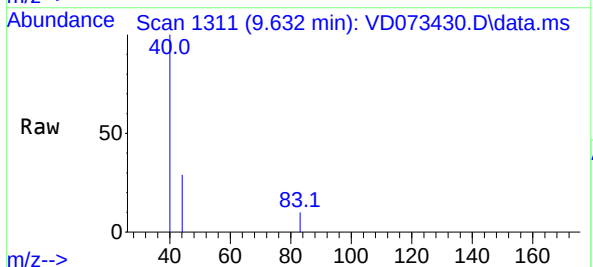
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

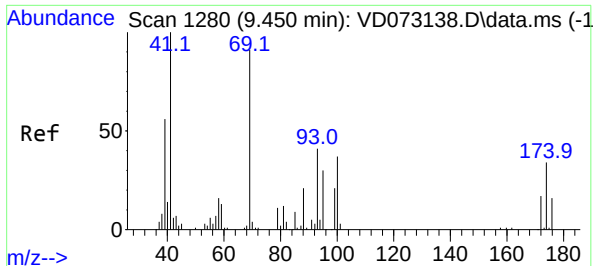
Tgt Ion:130 Resp: 148  
Ion Ratio Lower Upper  
130 100  
95 0.0 0.0 205.4



#47  
Bromodichloromethane  
Concen: 8.947 ug/l  
RT: 9.632 min Scan# 1311  
Delta R.T. -0.023 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 83 Resp: 96  
Ion Ratio Lower Upper  
83 100  
85 0.0 51.4 77.0#  
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 26.397 ug/l

RT: 9.444 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

MS-6

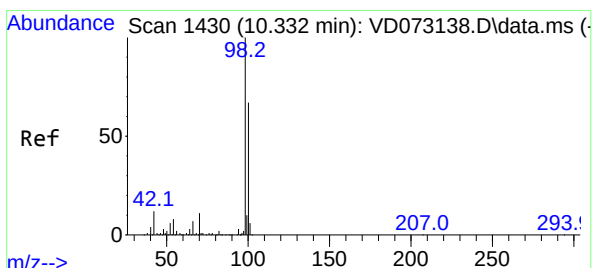
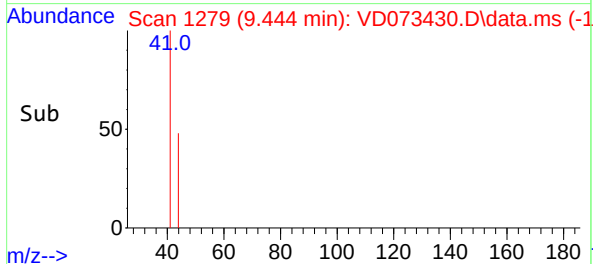
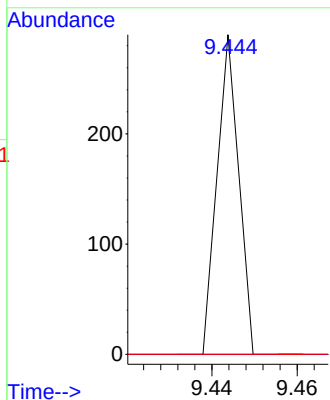
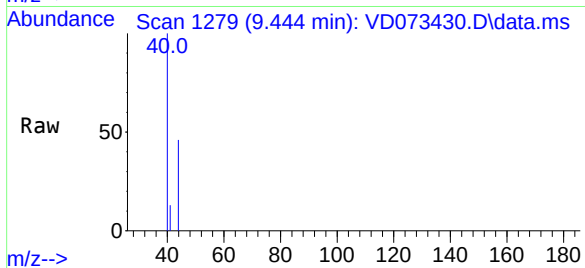
Tgt Ion: 41 Resp: 102

Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 0.0 42.7 64.1#



#50

Toluene-d8

Concen: 48.907 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073430.D

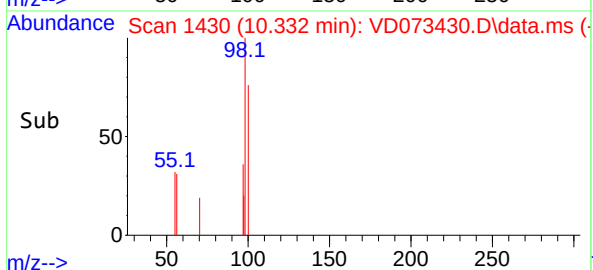
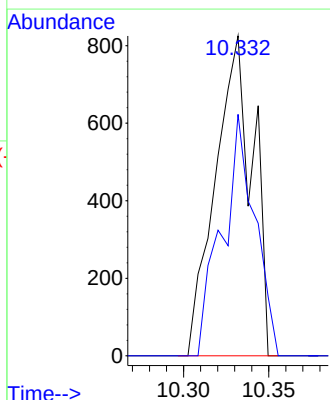
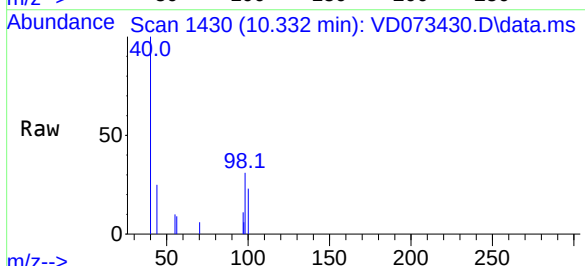
Acq: 31 May 2022 17:41

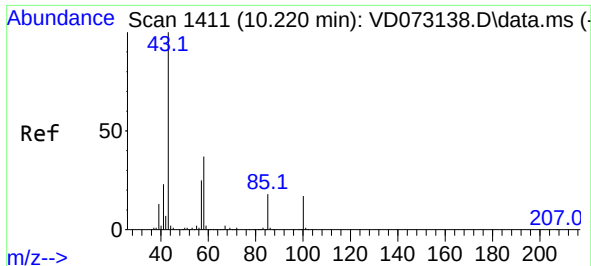
Tgt Ion: 98 Resp: 1261

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 379.539 ug/l

RT: 10.214 min Scan# 1410

Delta R.T. -0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

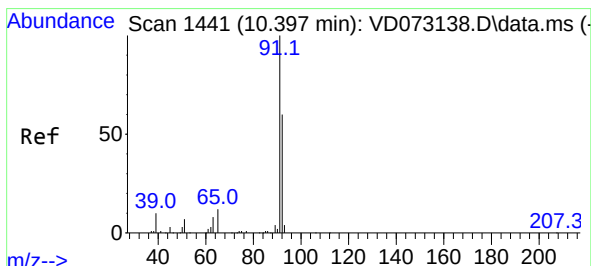
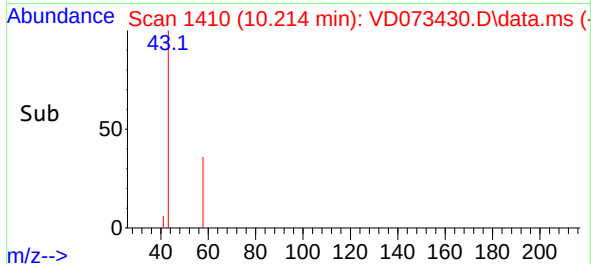
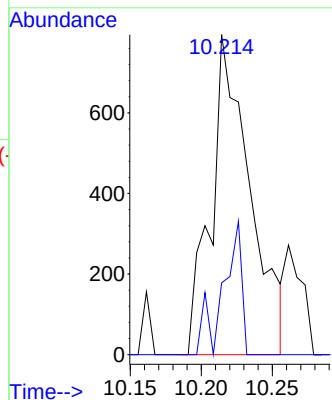
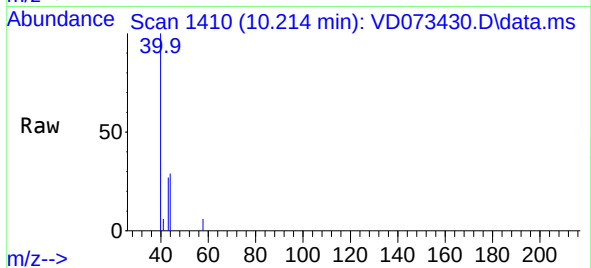
MS-6

Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

43 100

58 19.9 28.6 43.0#



#52

Toluene

Concen: 21.557 ug/l

RT: 10.391 min Scan# 1440

Delta R.T. -0.006 min

Lab File: VD073430.D

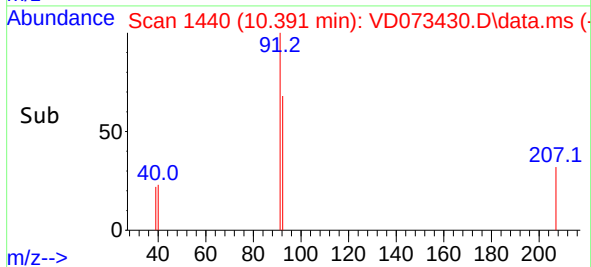
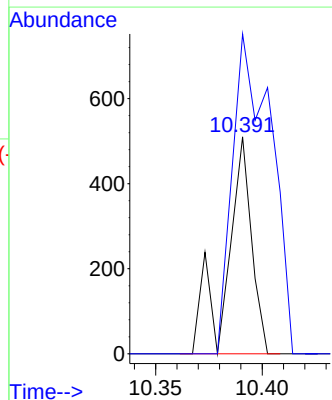
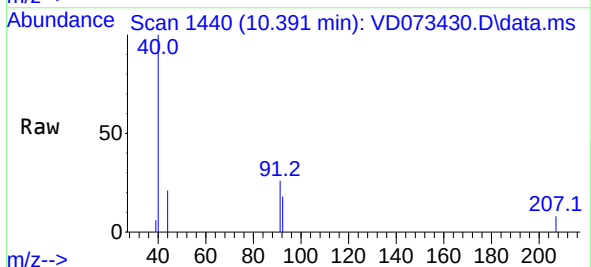
Acq: 31 May 2022 17:41

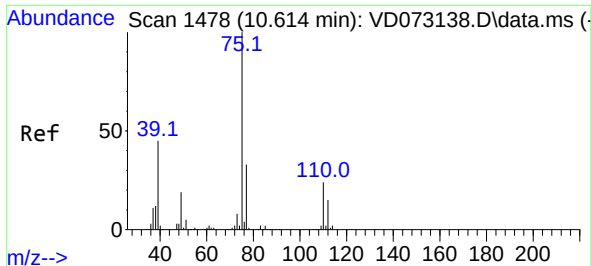
Tgt Ion: 92 Resp: 413

Ion Ratio Lower Upper

92 100

91 229.3 139.6 209.4#

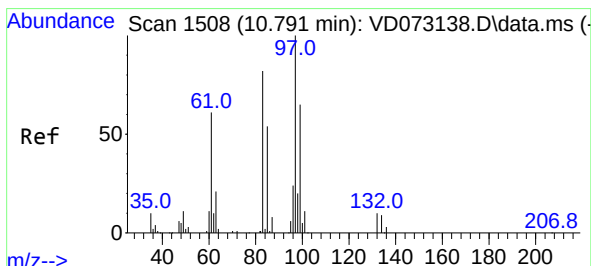
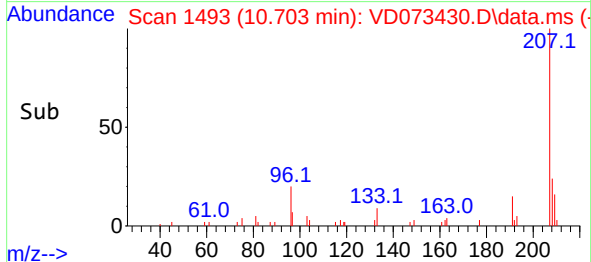
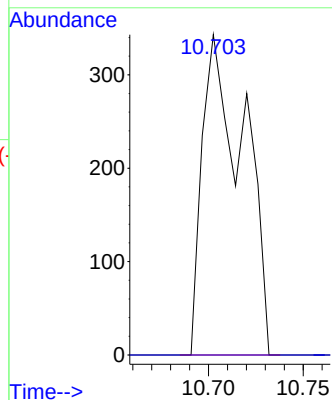
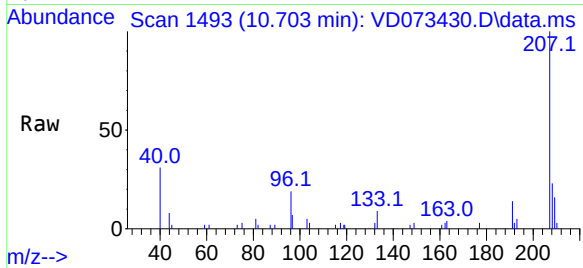




#53  
t-1,3-Dichloropropene  
Concen: 53.748 ug/l  
RT: 10.703 min Scan# 1478  
Delta R.T. 0.089 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

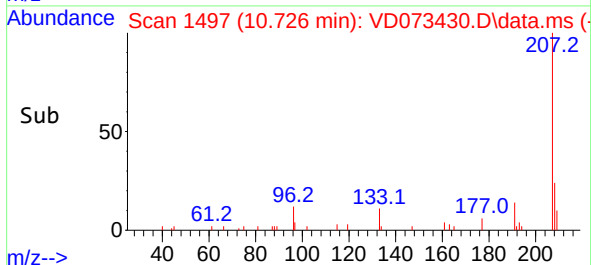
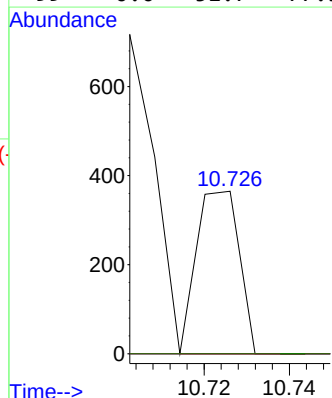
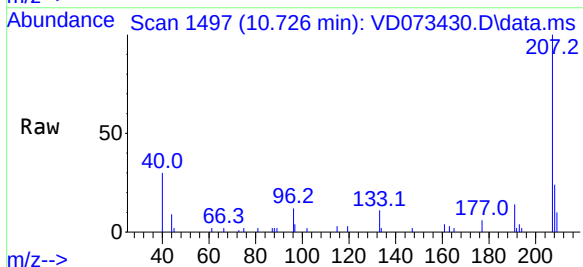
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

Tgt Ion: 75 Resp: 521  
Ion Ratio Lower Upper  
75 100  
77 0.0 24.5 36.7#

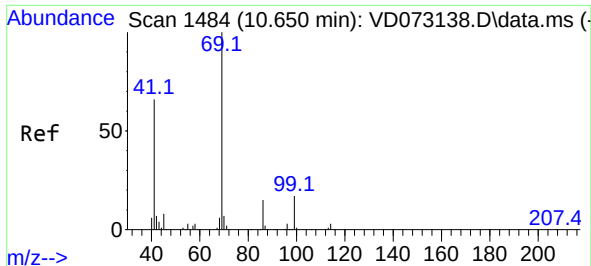


#55  
1,1,2-Trichloroethane  
Concen: 44.969 ug/l  
RT: 10.726 min Scan# 1497  
Delta R.T. -0.065 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 97 Resp: 255  
Ion Ratio Lower Upper  
97 100  
83 0.0 69.0 103.4#  
85 0.0 42.6 63.8#  
99 0.0 51.7 77.5#



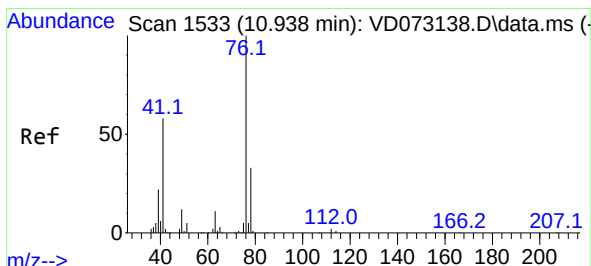
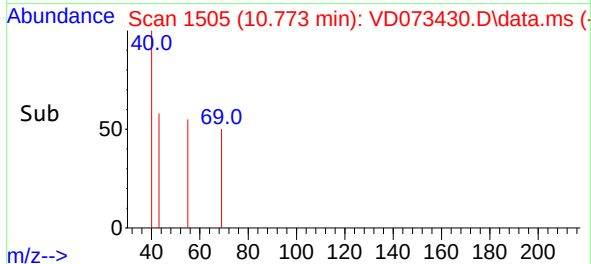
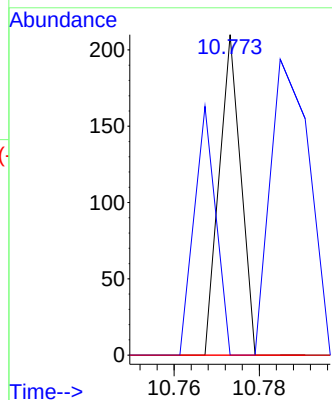
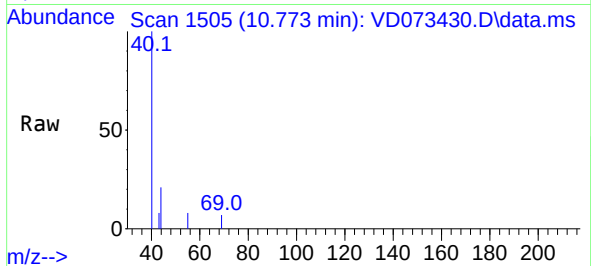




#56  
Ethyl methacrylate  
Concen: 11.737 ug/l  
RT: 10.773 min Scan# 11  
Delta R.T. 0.123 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

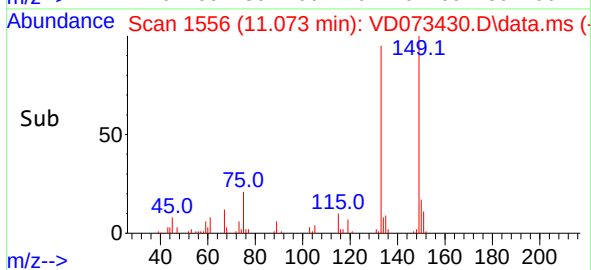
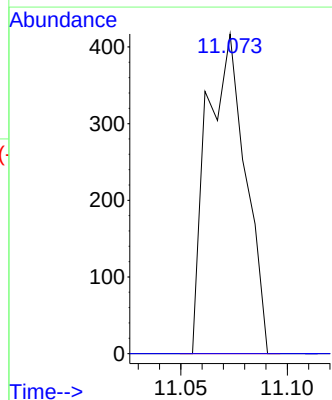
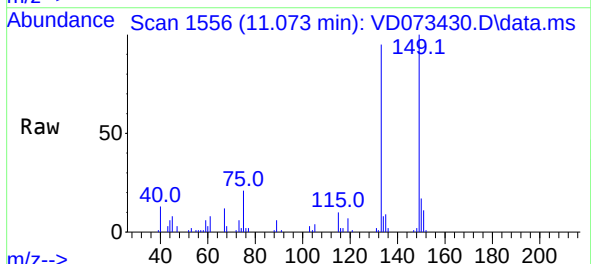
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

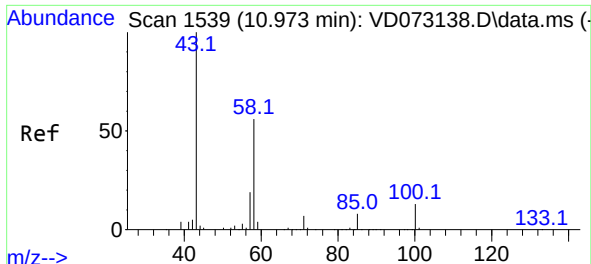
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 69 | Resp: | 74          |
| Ion         | Ratio | Lower Upper |
| 69          | 100   |             |
| 41          | 78.4  | 63.0 94.6   |
| 39          | 0.0   | 33.8 50.8#  |



#57  
1,3-Dichloropropane  
Concen: 55.072 ug/l  
RT: 11.073 min Scan# 1556  
Delta R.T. 0.135 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 76 | Resp: | 524         |
| Ion         | Ratio | Lower Upper |
| 76          | 100   |             |
| 78          | 0.0   | 26.0 39.0#  |

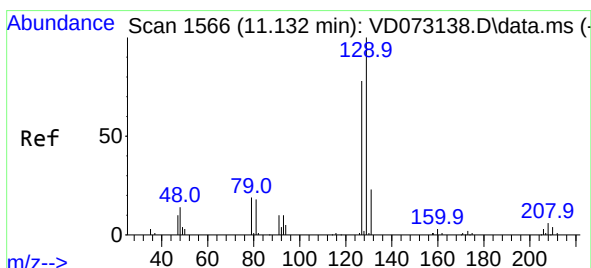
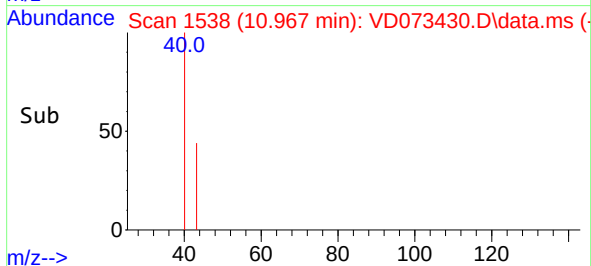
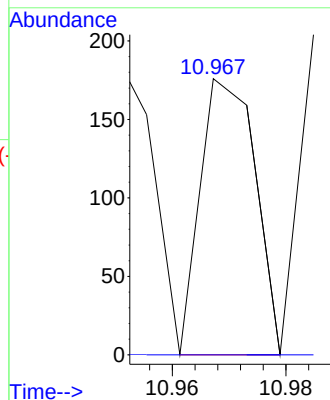
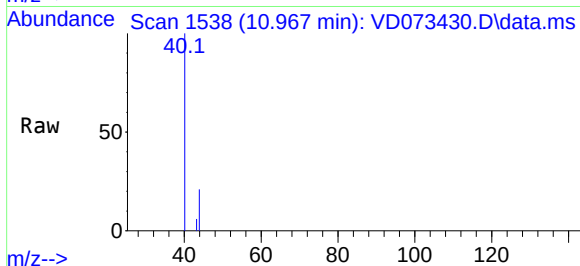




#59  
2-Hexanone  
Concen: 44.868 ug/l  
RT: 10.967 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

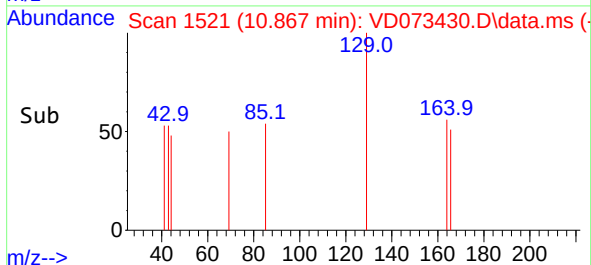
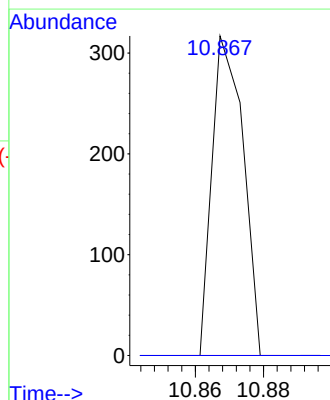
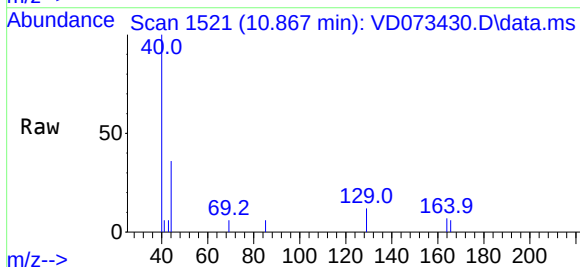
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

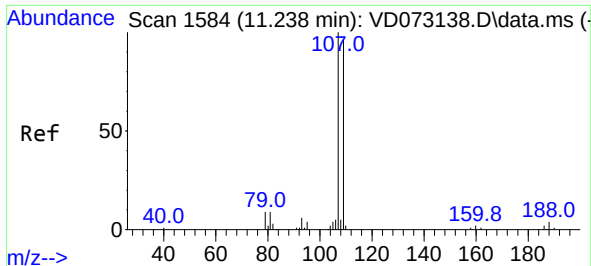
Tgt Ion: 43 Resp: 118  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.3 75.9#



#60  
Dibromochloromethane  
Concen: 28.285 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.265 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion:129 Resp: 200  
Ion Ratio Lower Upper  
129 100  
127 0.0 39.2 117.6#

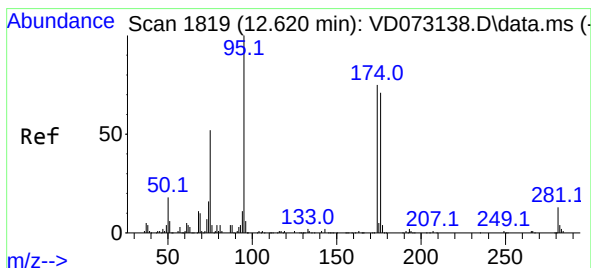
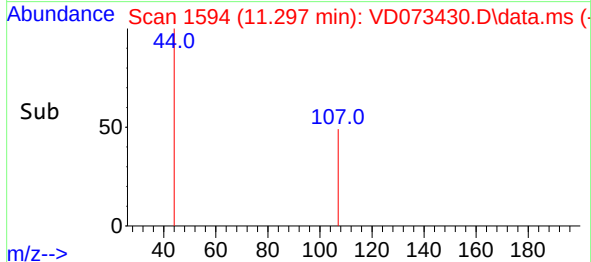
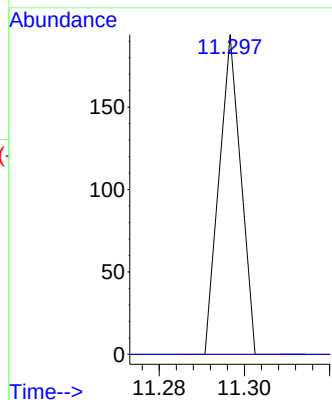
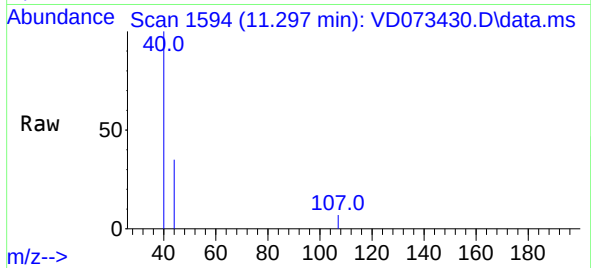




#61  
1,2-Dibromoethane  
Concen: 12.549 ug/l  
RT: 11.297 min Scan# 11  
Delta R.T. 0.059 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

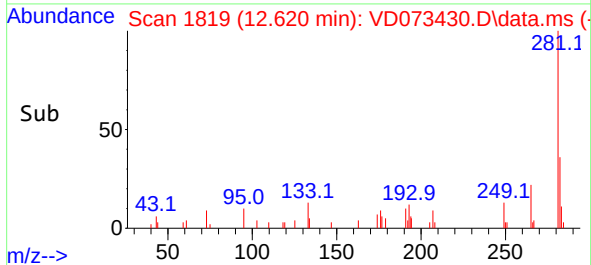
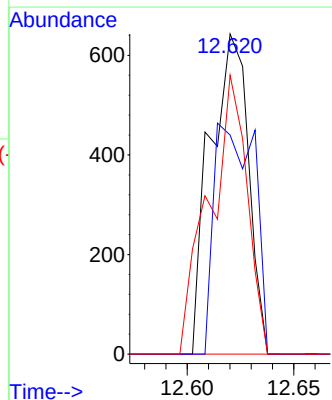
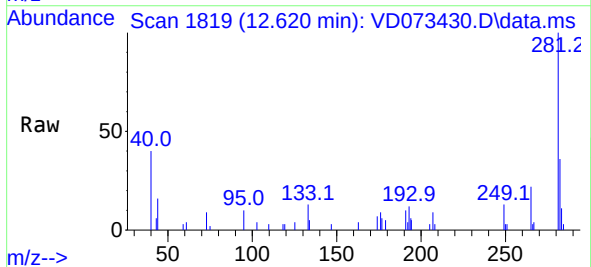
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

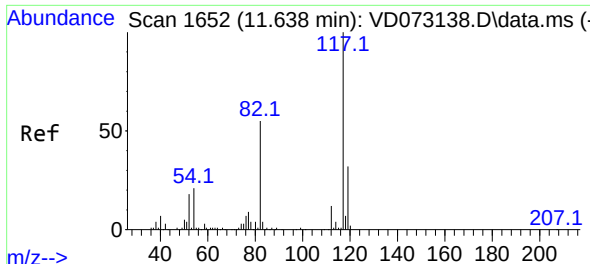
Tgt Ion:107 Resp: 68  
Ion Ratio Lower Upper  
107 100  
109 0.0 74.2 111.4#



#62  
4-Bromofluorobenzene  
Concen: 88.743 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 95 Resp: 803  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 152.8  
176 86.2 0.0 145.4

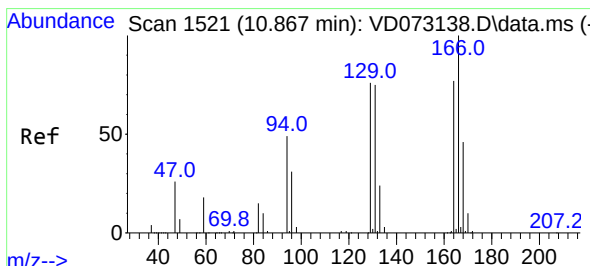
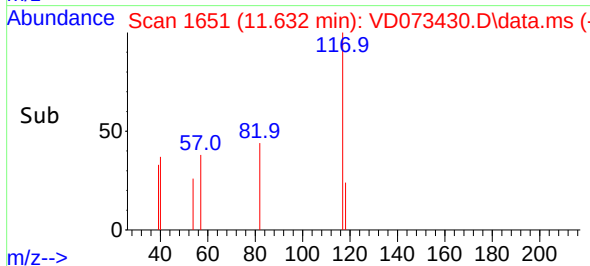
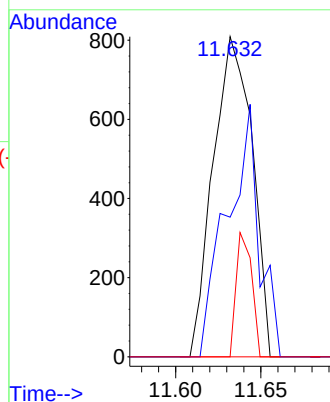
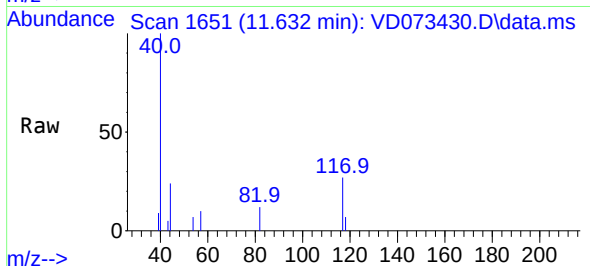




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 11651  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

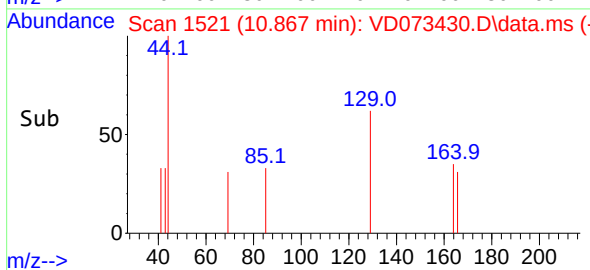
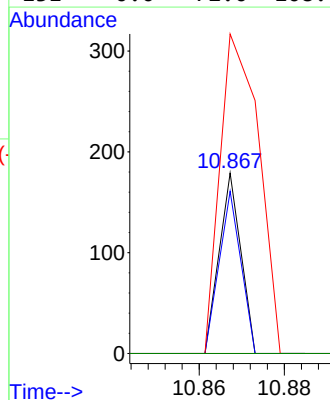
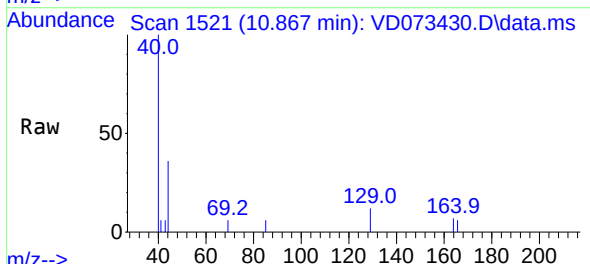
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

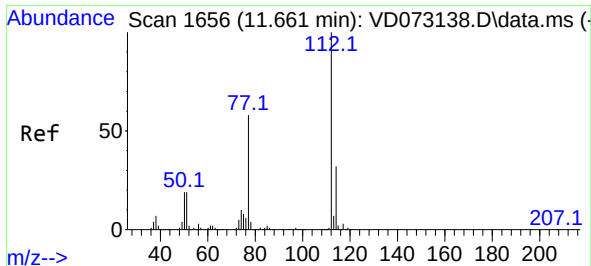
Tgt Ion:117 Resp: 1292  
Ion Ratio Lower Upper  
117 100  
82 43.6 45.3 67.9#  
119 0.0 26.6 40.0#



#64  
Tetrachloroethene  
Concen: 7.445 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion:164 Resp: 63  
Ion Ratio Lower Upper  
164 100  
166 89.9 98.5 147.7#  
129 177.1 74.6 111.8#  
131 0.0 72.0 108.0#

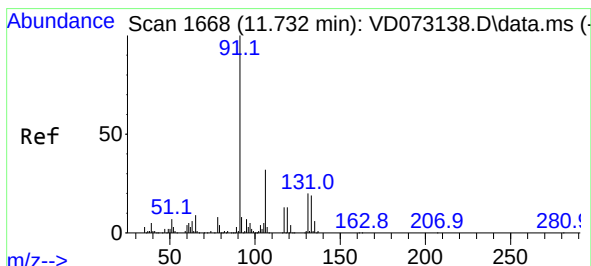
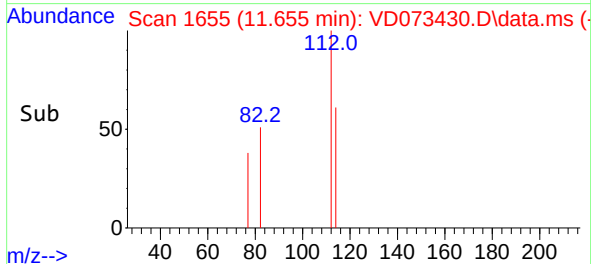
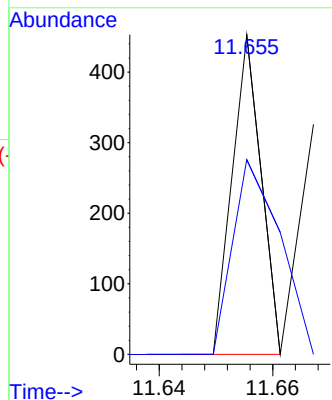
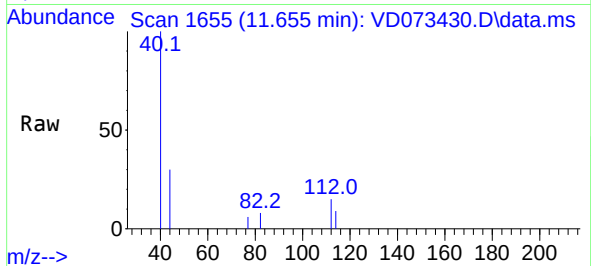




#65  
Chlorobenzene  
Concen: 6.037 ug/l  
RT: 11.655 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

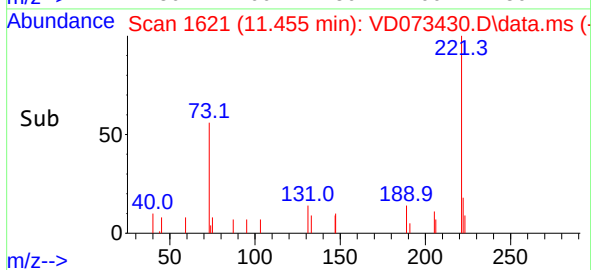
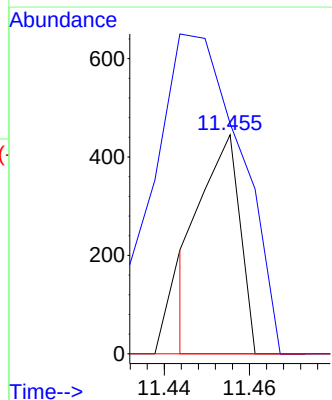
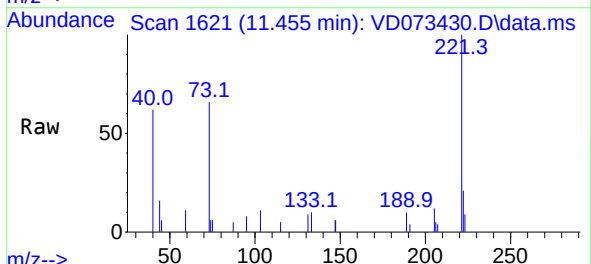
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

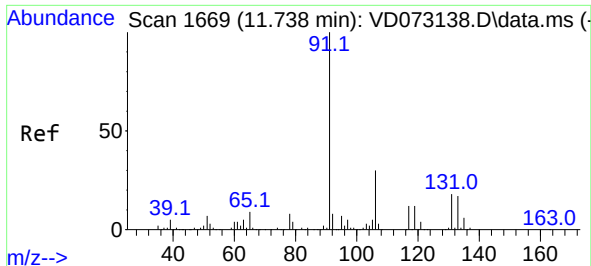
Tgt Ion:112 Resp: 160  
Ion Ratio Lower Upper  
112 100  
114 60.9 25.8 38.6#



#66  
1,1,1,2-Tetrachloroethane  
Concen: 27.976 ug/l  
RT: 11.455 min Scan# 1621  
Delta R.T. -0.277 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion:131 Resp: 275  
Ion Ratio Lower Upper  
131 100  
133 0.0 48.1 144.3#  
119 0.0 31.9 95.9#





#67

Ethyl Benzene

Concen: 33.635 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

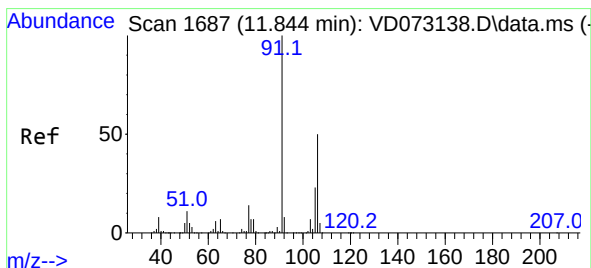
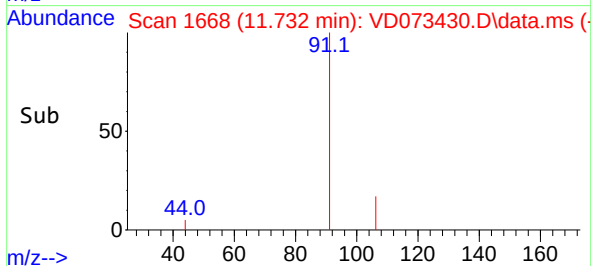
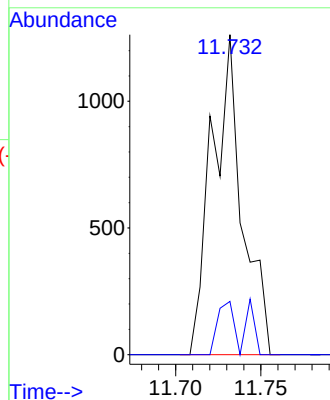
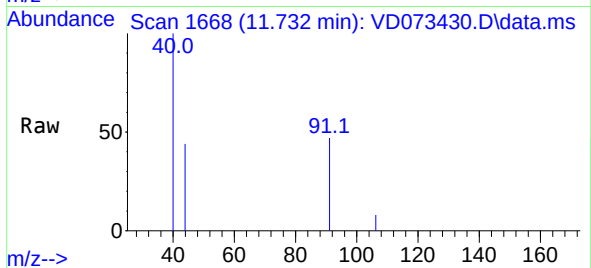
MS-6

Tgt Ion: 91 Resp: 1565

Ion Ratio Lower Upper

91 100

106 16.6 24.2 36.4#



#68

m/p-Xylenes

Concen: 59.634 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073430.D

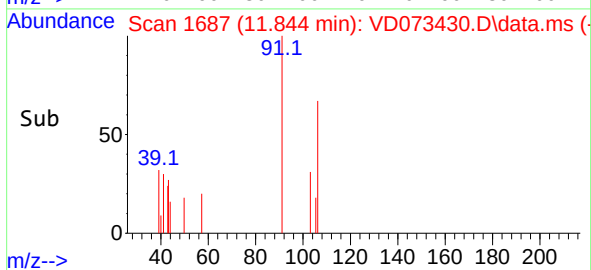
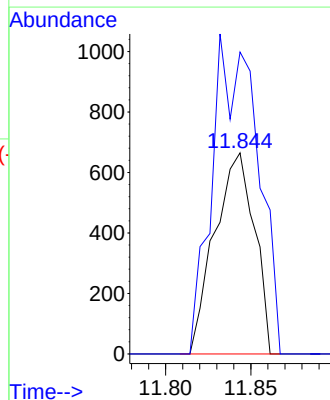
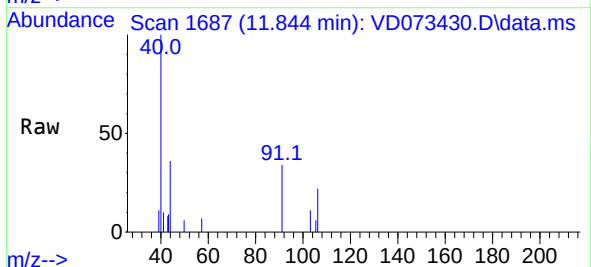
Acq: 31 May 2022 17:41

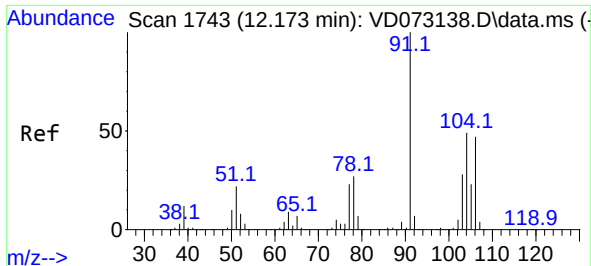
Tgt Ion:106 Resp: 1078

Ion Ratio Lower Upper

106 100

91 181.5 163.7 245.5

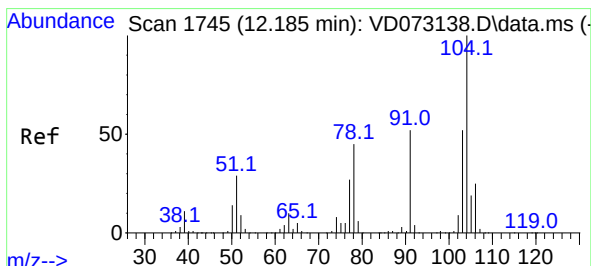
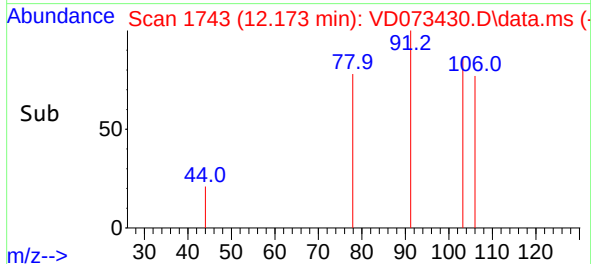
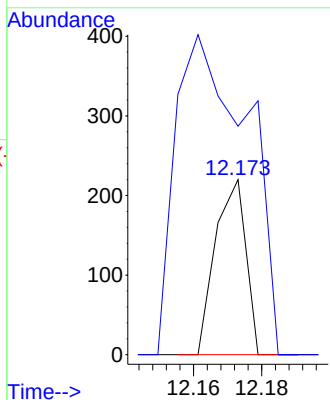
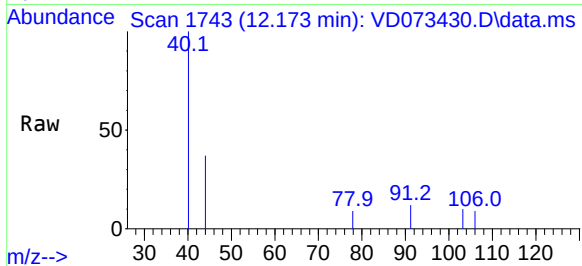




#69  
o-Xylene  
Concen: 8.190 ug/l  
RT: 12.173 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

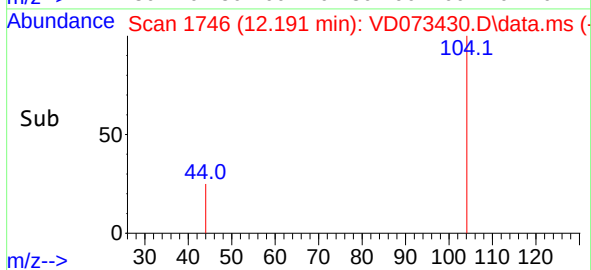
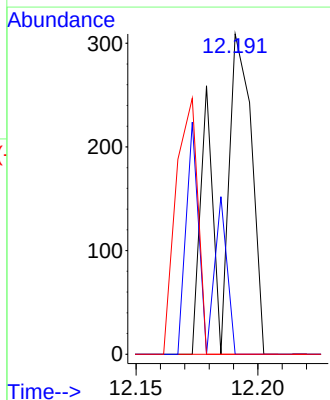
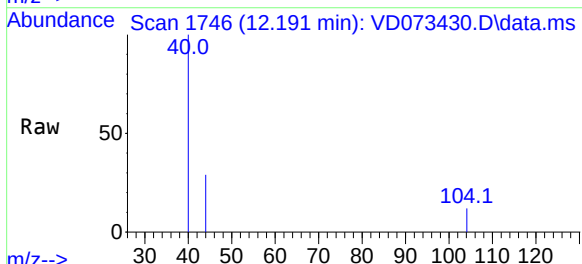
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

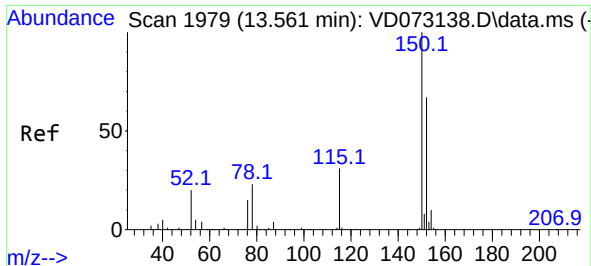
Tgt Ion:106 Resp: 136  
Ion Ratio Lower Upper  
106 100  
91 430.9 110.4 331.2#



#70  
Styrene  
Concen: 10.010 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

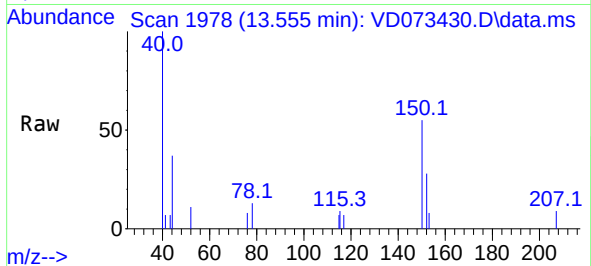
Tgt Ion:104 Resp: 286  
Ion Ratio Lower Upper  
104 100  
78 46.5 41.8 62.8  
103 53.5 44.2 66.4



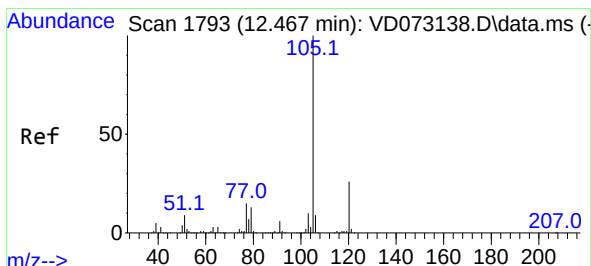
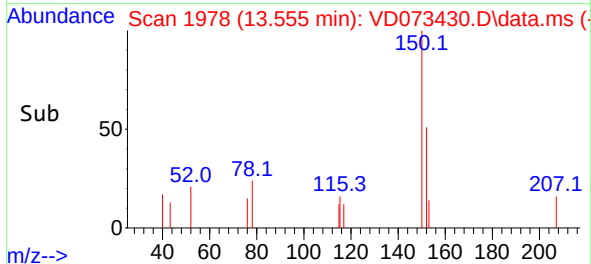
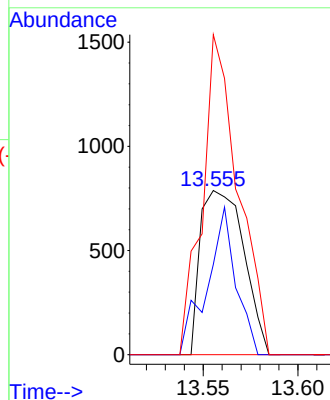


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.555 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

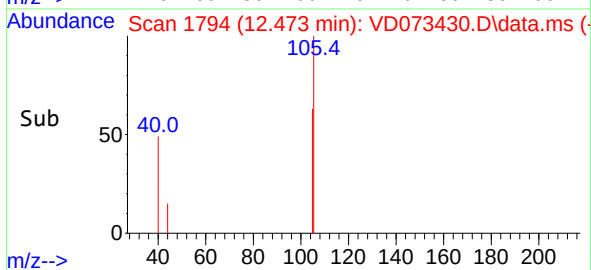
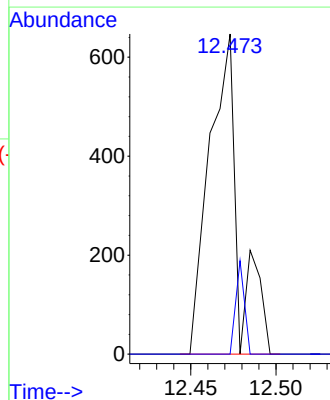
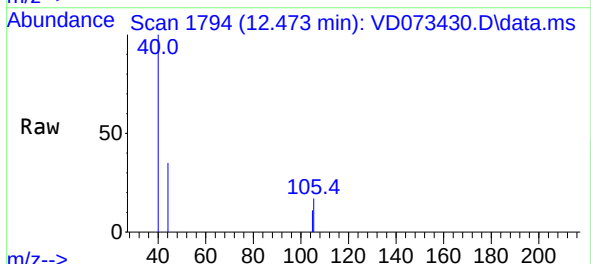


Tgt Ion:152 Resp: 1260  
Ion Ratio Lower Upper  
152 100  
115 59.5 31.3 93.8  
150 161.3 0.0 348.6

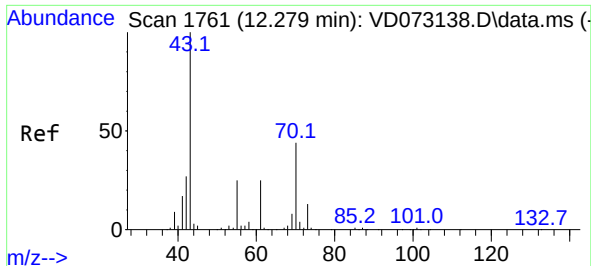


#73  
Isopropylbenzene  
Concen: 8.550 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion:105 Resp: 768  
Ion Ratio Lower Upper  
105 100  
120 8.7 13.0 38.9#



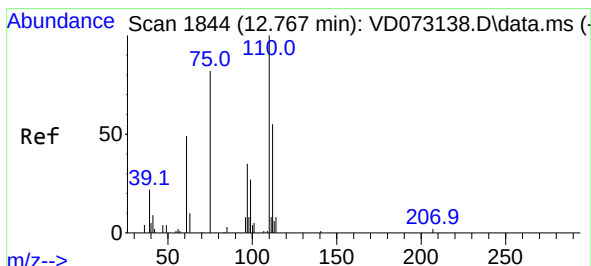
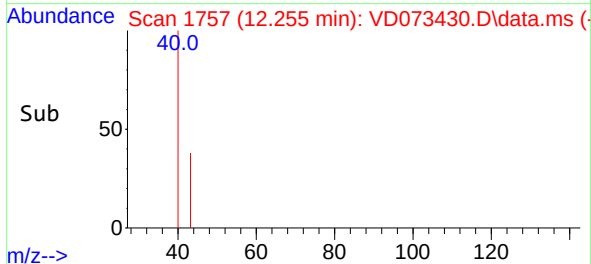
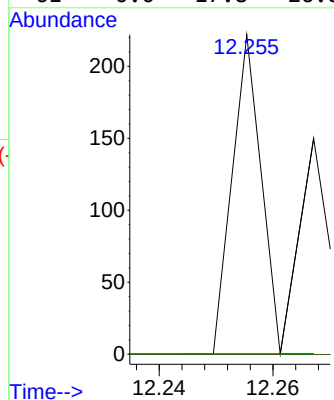
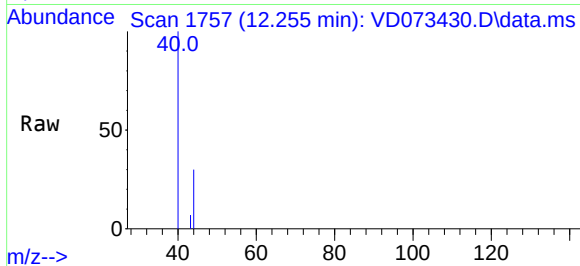




#74  
N-amy1 acetate  
Concen: 3.981 ug/l  
RT: 12.255 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

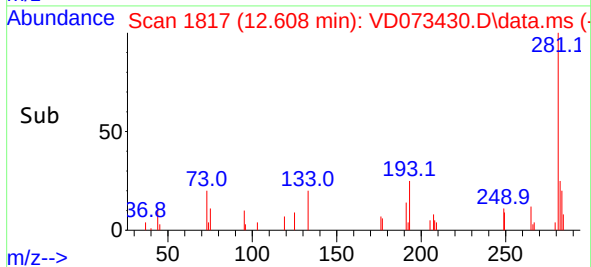
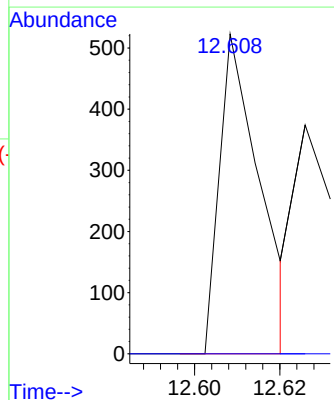
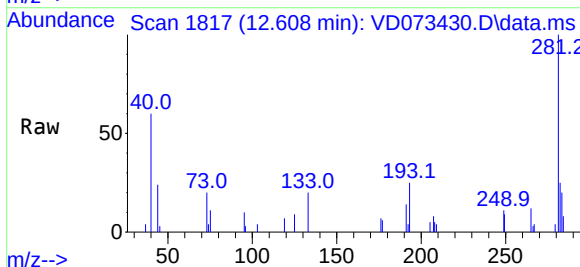
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

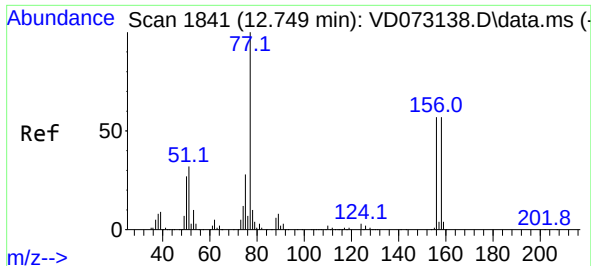
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 78    |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 0.0      | 31.3 46.9#  |
| 55 0.0      | 20.0 30.0#  |
| 61 0.0      | 17.8 26.8#  |



#76  
1,2,3-Trichloropropane  
Concen: 28.149 ug/l  
RT: 12.608 min Scan# 1817  
Delta R.T. -0.159 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 75 | Resp: | 348   |       |
| Ion         | Ratio | Lower | Upper |
| 75          | 100   |       |       |
| 77          | 0.0   | 0.0   | 0.0   |

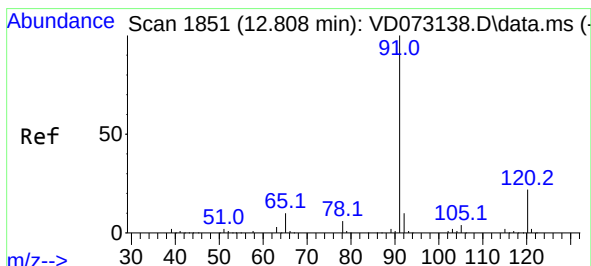
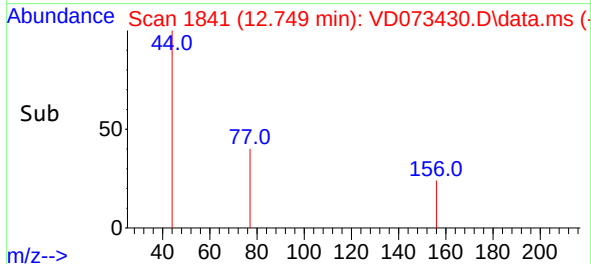
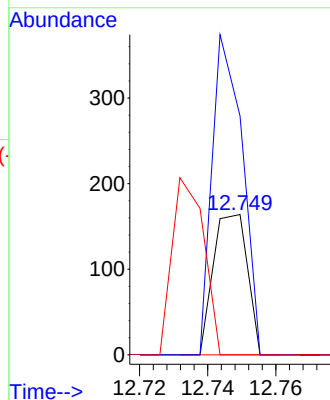
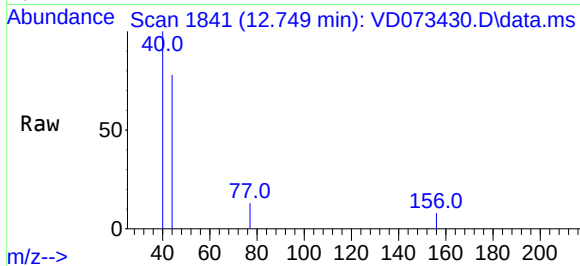




#77  
Bromobenzene  
Concen: 5.391 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

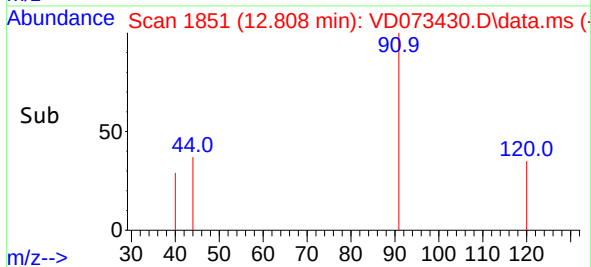
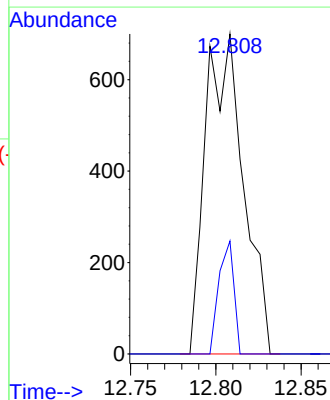
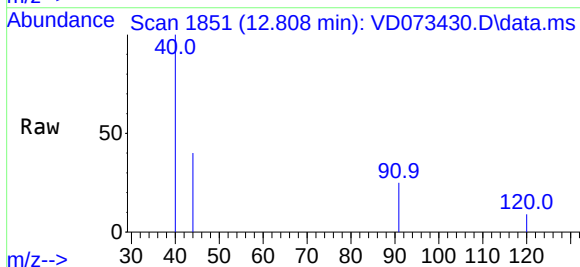
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

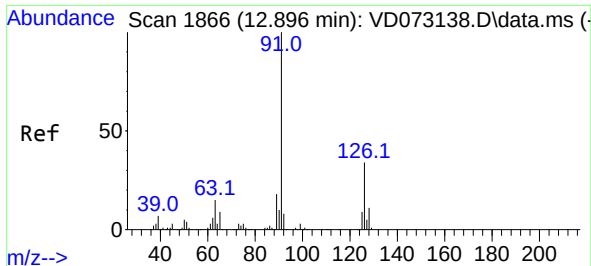
Tgt Ion:156 Resp: 114  
Ion Ratio Lower Upper  
156 100  
77 202.6 102.8 308.3  
158 116.7 48.7 146.1



#78  
n-propylbenzene  
Concen: 9.622 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 91 Resp: 1085  
Ion Ratio Lower Upper  
91 100  
120 13.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 11.120 ug/l

RT: 12.991 min Scan# 1882

Delta R.T. 0.095 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

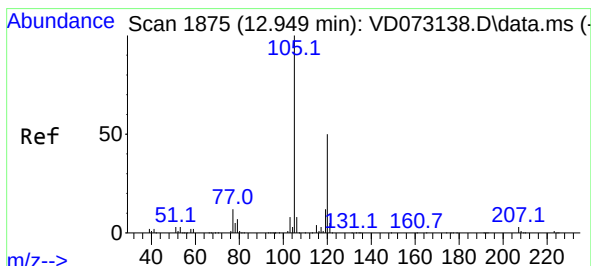
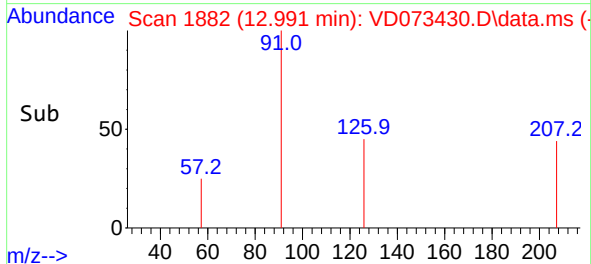
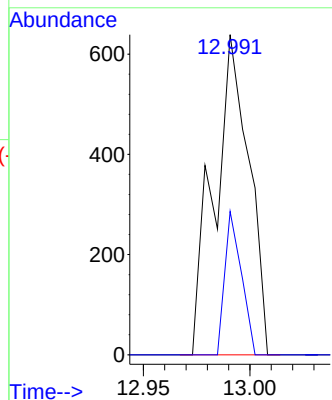
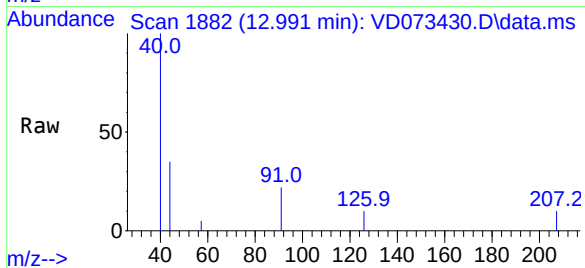
MS-6

Tgt Ion: 91 Resp: 724

Ion Ratio Lower Upper

91 100

126 21.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 10.961 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. -0.005 min

Lab File: VD073430.D

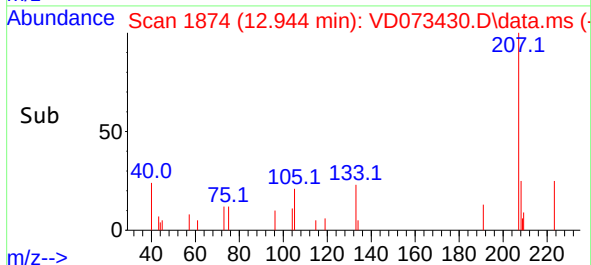
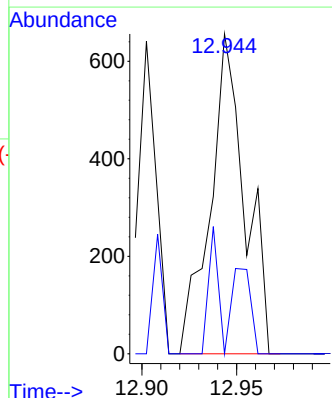
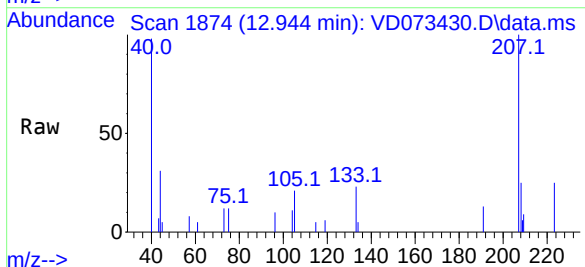
Acq: 31 May 2022 17:41

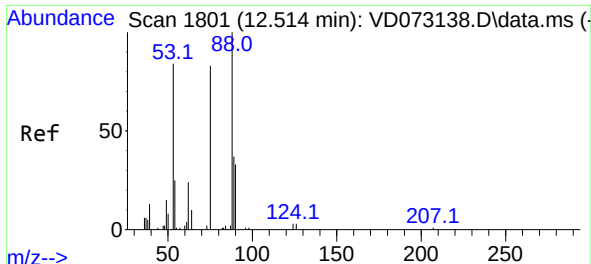
Tgt Ion: 105 Resp: 834

Ion Ratio Lower Upper

105 100

120 11.0 24.3 72.8#

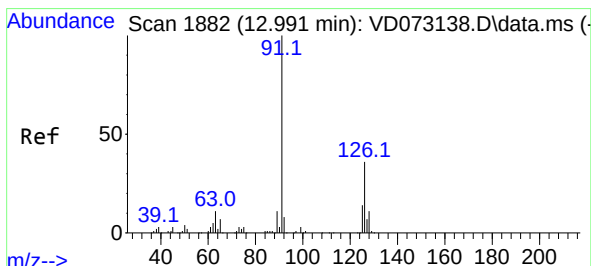
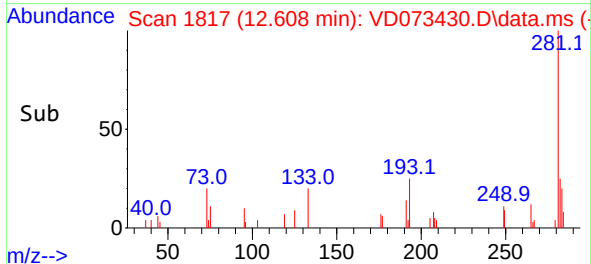
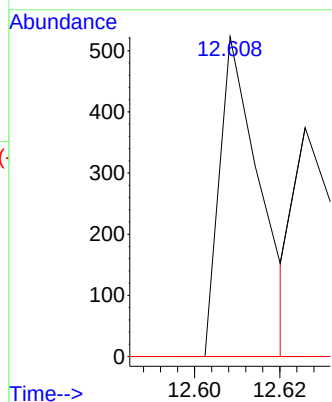
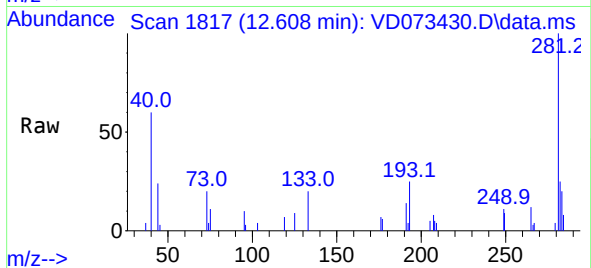




#81  
trans-1,4-Dichloro-2-butene  
Concen: 67.577 ug/l  
RT: 12.608 min Scan# 1817  
Delta R.T. 0.094 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

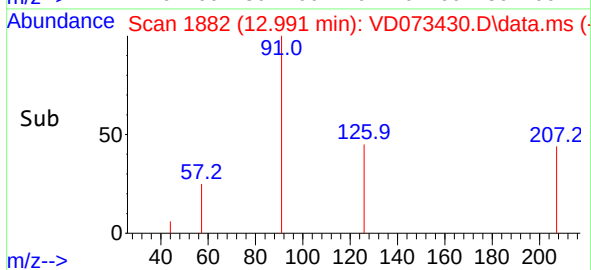
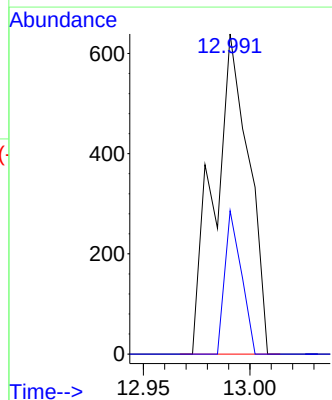
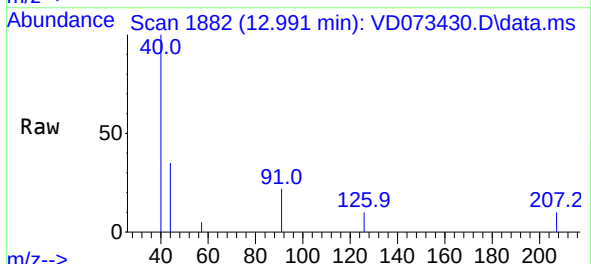
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

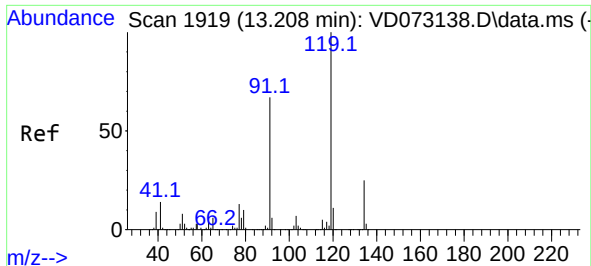
Tgt Ion: 75 Resp: 348  
Ion Ratio Lower Upper  
75 100  
53 0.0 86.5 129.7#  
89 0.0 33.9 50.9#



#82  
4-Chlorotoluene  
Concen: 10.609 ug/l  
RT: 12.991 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion: 91 Resp: 724  
Ion Ratio Lower Upper  
91 100  
126 21.3 16.5 49.5

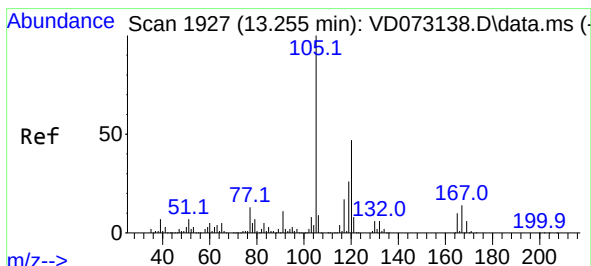
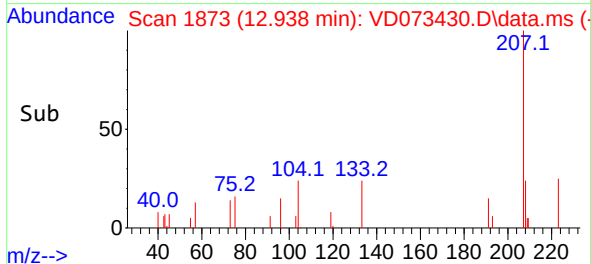
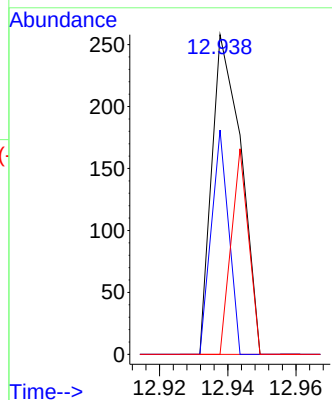
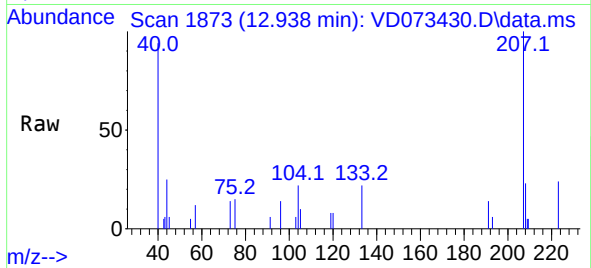




#83  
tert-Butylbenzene  
Concen: 2.386 ug/l  
RT: 12.938 min Scan# 119  
Delta R.T. -0.270 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

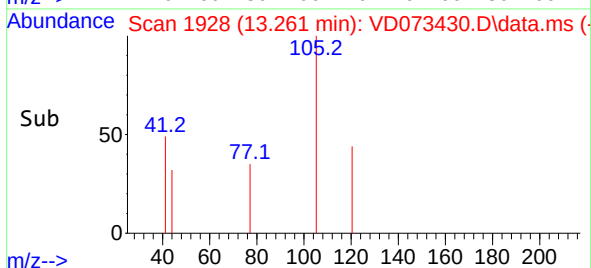
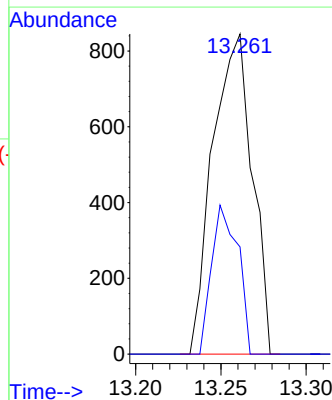
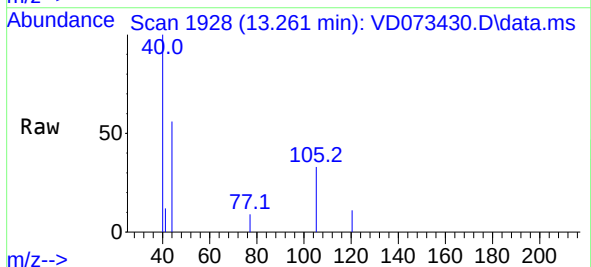
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

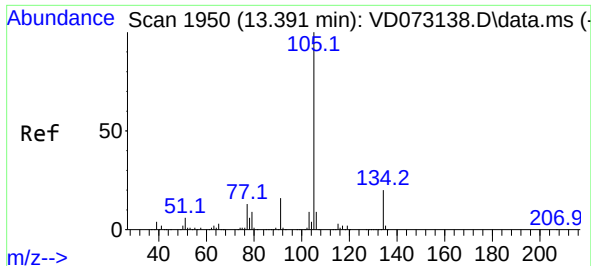
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 153   |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 41.8  | 34.8  | 104.5 |
| 134      | 38.6  | 13.3  | 39.9  |



#84  
1,2,4-Trimethylbenzene  
Concen: 18.053 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 1357  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 31.2  | 22.3  | 66.8  |

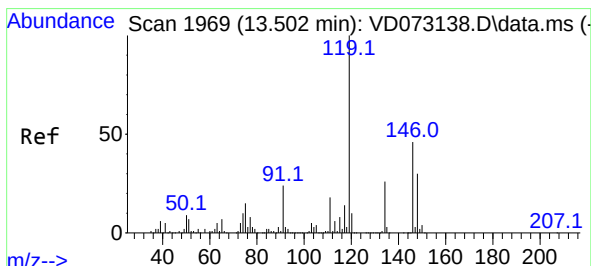
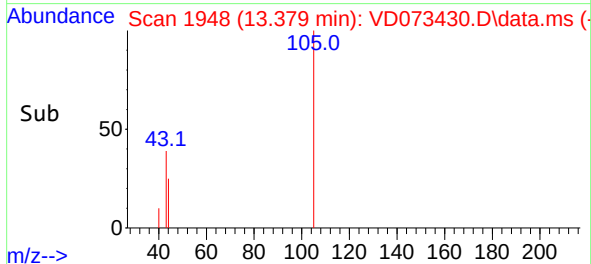
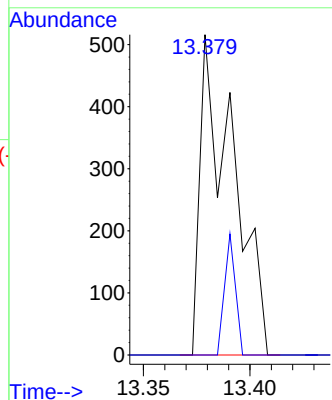
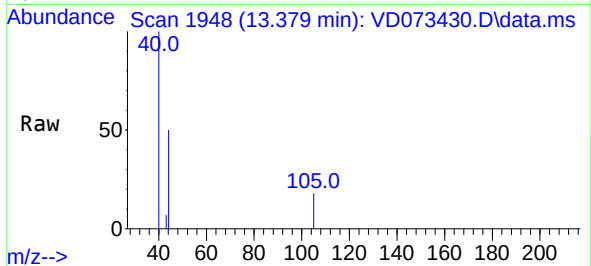




#85  
 sec-Butylbenzene  
 Concen: 5.637 ug/l  
 RT: 13.379 min Scan# 1950  
 Delta R.T. -0.012 min  
 Lab File: VD073430.D  
 Acq: 31 May 2022 17:41

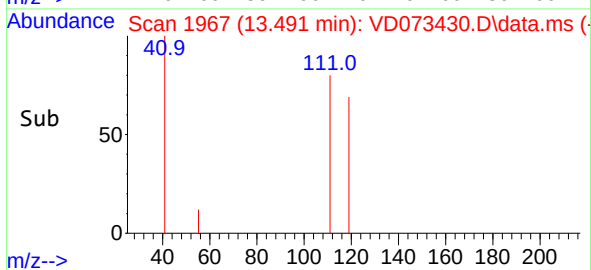
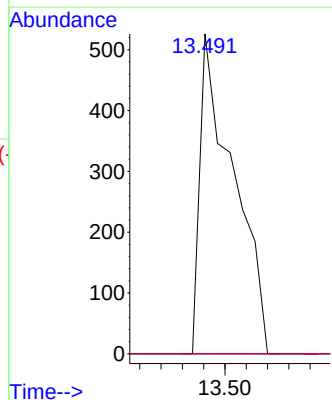
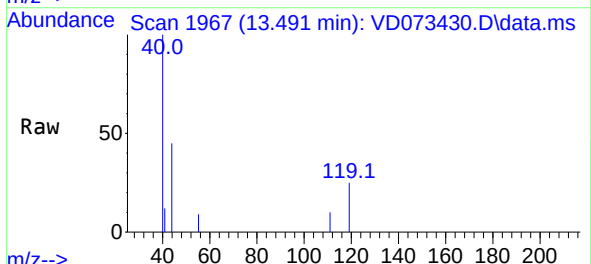
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 MS-6

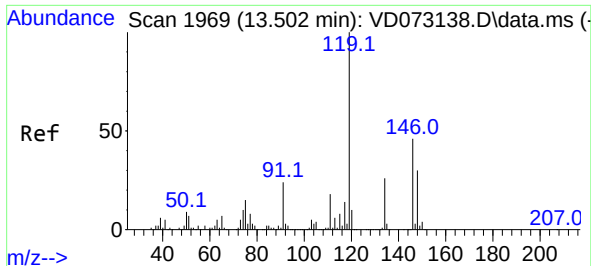
Tgt Ion:105 Resp: 552  
 Ion Ratio Lower Upper  
 105 100  
 134 12.5 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 7.191 ug/l  
 RT: 13.491 min Scan# 1967  
 Delta R.T. -0.011 min  
 Lab File: VD073430.D  
 Acq: 31 May 2022 17:41

Tgt Ion:119 Resp: 574  
 Ion Ratio Lower Upper  
 119 100  
 134 0.0 12.9 38.6#  
 91 0.0 12.1 36.3#

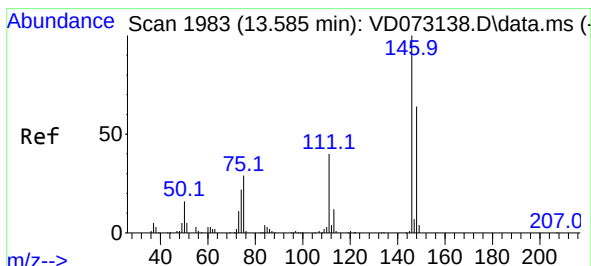
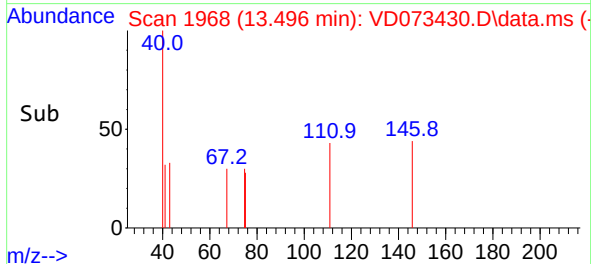
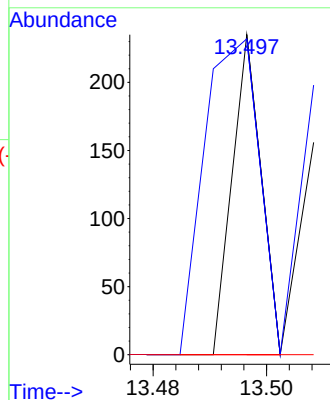
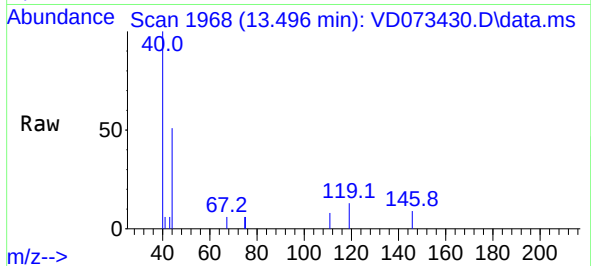




#87  
1,3-Dichlorobenzene  
Concen: 1.947 ug/l  
RT: 13.496 min Scan# 1968  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

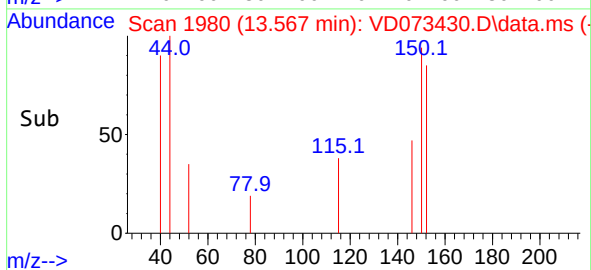
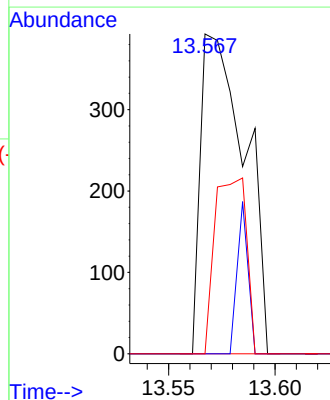
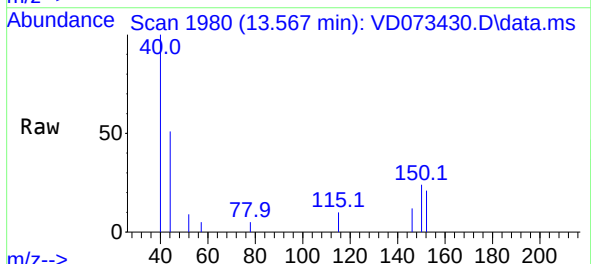
Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

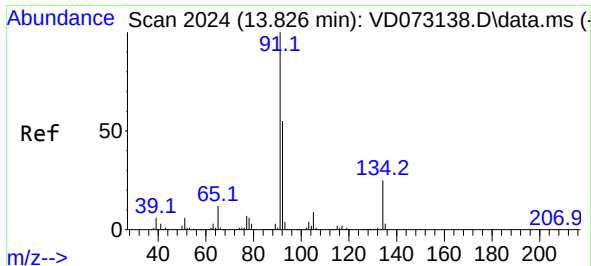
Tgt Ion:146 Resp: 83  
Ion Ratio Lower Upper  
146 100  
111 272.3 20.4 61.3#  
148 0.0 31.9 95.7#



#88  
1,4-Dichlorobenzene  
Concen: 13.179 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.018 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Tgt Ion:146 Resp: 567  
Ion Ratio Lower Upper  
146 100  
111 11.6 20.3 60.9#  
148 39.2 31.7 95.1





#89

n-Butylbenzene

Concen: 3.800 ug/l

RT: 13.814 min Scan# 20

Delta R.T. -0.012 min

Lab File: VD073430.D

Acq: 31 May 2022 17:41

Instrument :

MSVOA\_D

ClientSampleId :

MS-6

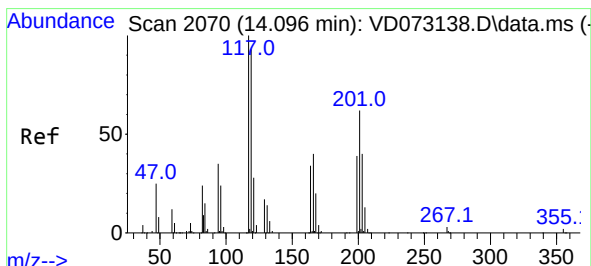
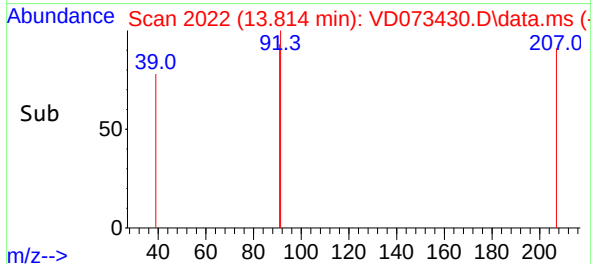
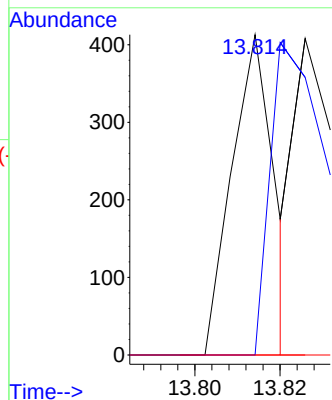
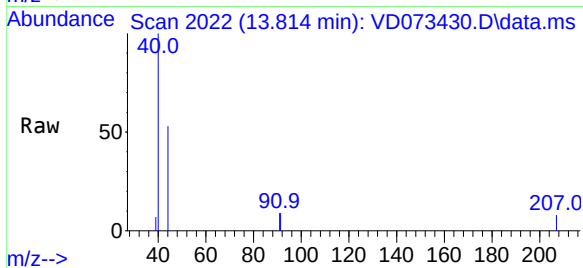
Tgt Ion: 91 Resp: 289

Ion Ratio Lower Upper

91 100

92 151.9 26.6 79.8#

134 0.0 12.3 36.9#



#90

Hexachloroethane

Concen: 3.814 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. -0.005 min

Lab File: VD073430.D

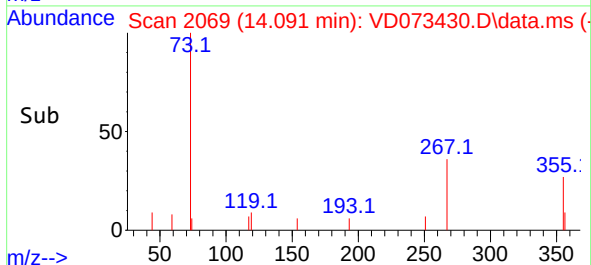
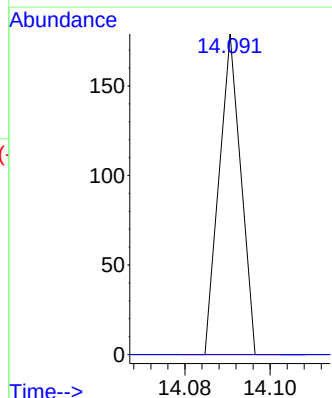
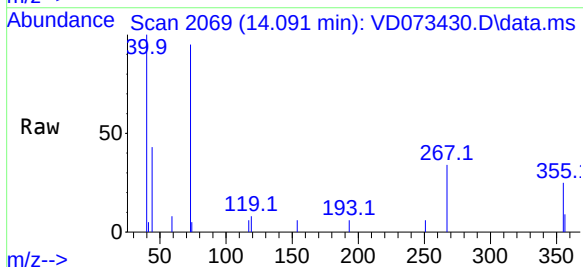
Acq: 31 May 2022 17:41

Tgt Ion: 117 Resp: 63

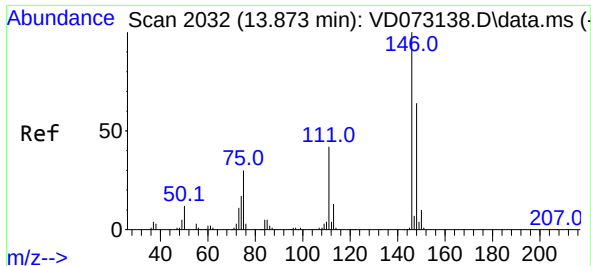
Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



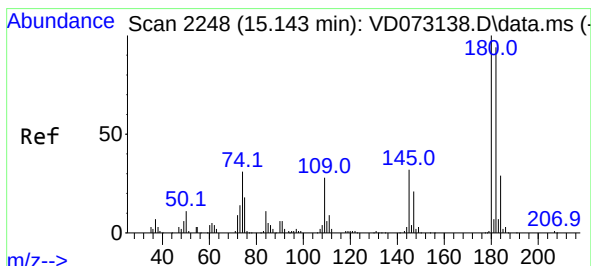
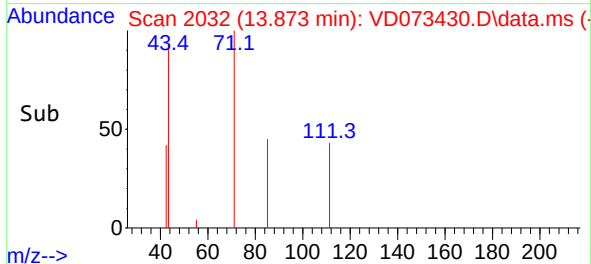
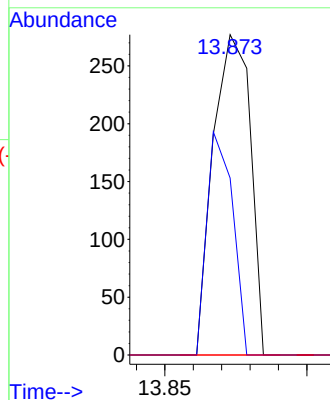
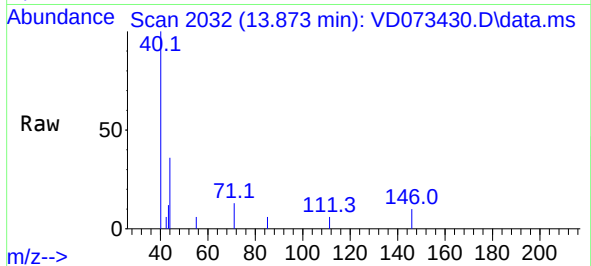




#91  
1,2-Dichlorobenzene  
Concen: 6.861 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

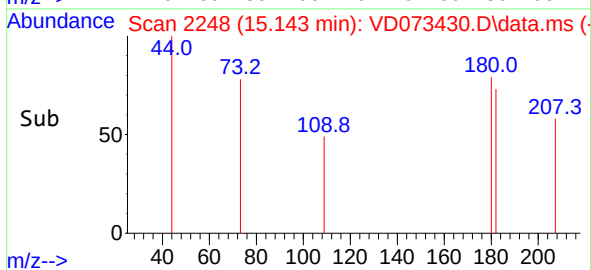
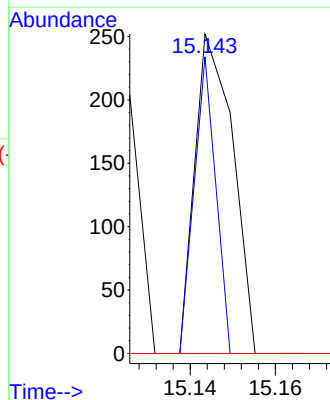
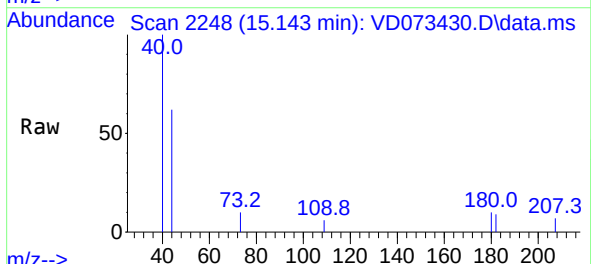
Instrument : MSVOA\_D  
ClientSampleId : MS-6

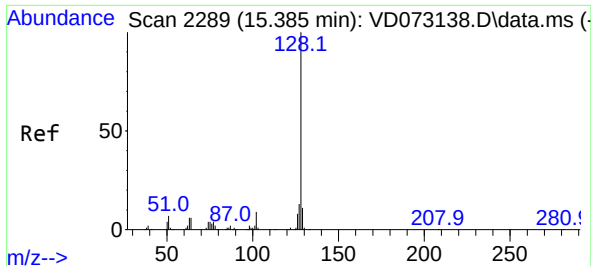
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 253   |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 48.2  | 21.1  | 63.3  |
| 148      | 0.0   | 31.7  | 95.1# |



#93  
1,2,4-Trichlorobenzene  
Concen: 7.451 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 156   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 53.2  | 47.3  | 142.0 |
| 145      | 0.0   | 16.2  | 48.5# |

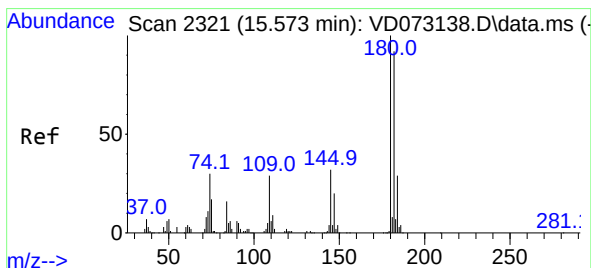
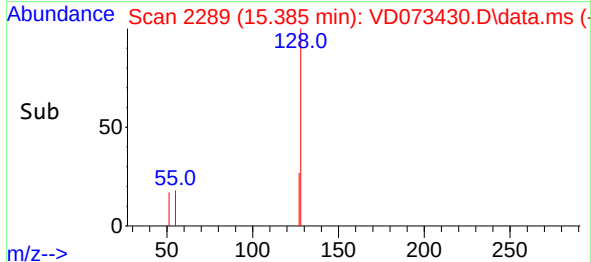
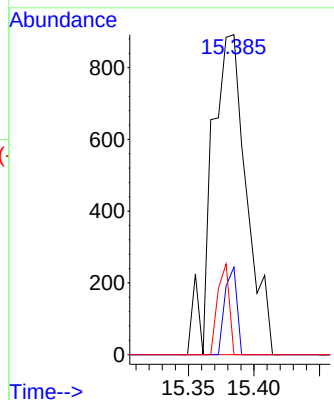
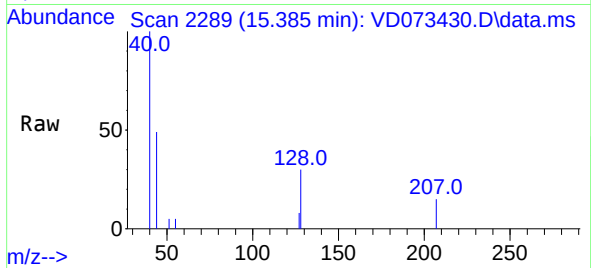




#95  
Naphthalene  
Concen: 40.701 ug/l  
RT: 15.385 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

Instrument :  
MSVOA\_D  
ClientSampleId :  
MS-6

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1649  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 9.3   | 10.3  | 15.5# |
| 129      | 9.4   | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 15.517 ug/l  
RT: 15.567 min Scan# 2320  
Delta R.T. -0.006 min  
Lab File: VD073430.D  
Acq: 31 May 2022 17:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 288    |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 24.3  | 47.6  | 142.9# |
| 145      | 0.0   | 17.1  | 51.3#  |

