

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW083121\  
 Data File : VW019952.D  
 Acq On : 31 Aug 2021 12:36  
 Operator : SY/VA  
 Sample : M3579-13  
 Misc : 6.16g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB6B5

Quant Time: Sep 01 01:03:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Sep 01 00:59:56 2021  
 Response via : Initial Calibration

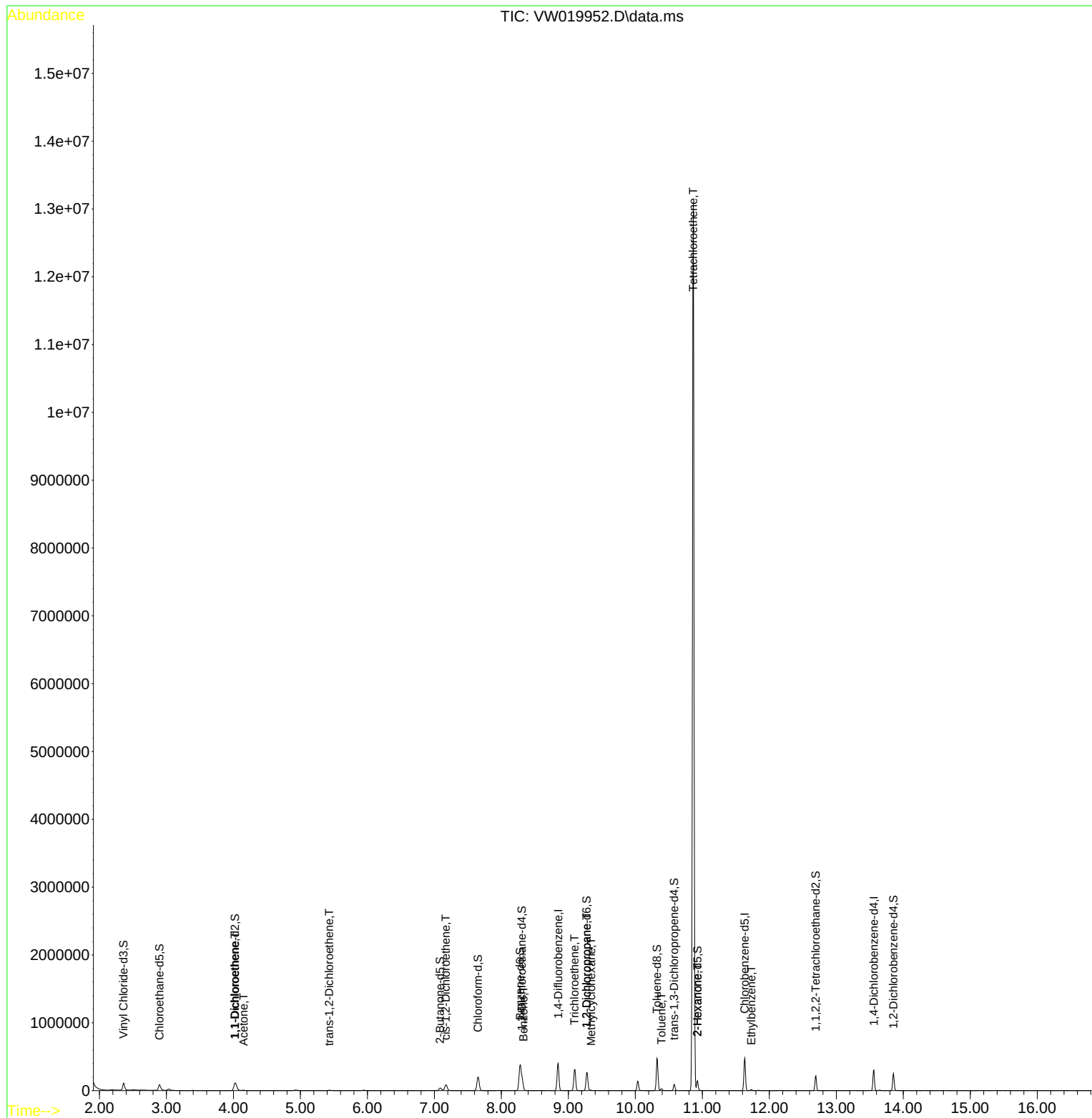
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 331841   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 255833   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 80475    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 110904   | 21.570   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.280%   |
| 7) Chloroethane-d5            | 2.897  | 69    | 109499   | 24.264   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 97.040%   |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 124350   | 13.938   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.760%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 66132    | 63.323   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 126.640%  |
| 24) Chloroform-d              | 7.653  | 84    | 205621   | 22.531   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 90.120%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 127022   | 25.828   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 103.320%  |
| 32) Benzene-d6                | 8.281  | 84    | 395815   | 27.135   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 108.520%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 127267   | 28.811   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 115.240%  |
| 41) Toluene-d8                | 10.323 | 98    | 307951   | 23.037   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.160%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 51428    | 28.181   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 112.720%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 51513    | 83.710   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 167.420%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 107066   | 29.780   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 119.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 62963    | 22.809   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 91.240%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 12) 1,1-Dichloroethene        | 4.019  | 96    | 1181     | 0.263    | ug/L # | 1         |
| 13) Acetone                   | 4.153  | 43    | 12504    | 14.025   | ug/L   | 70        |
| 17) trans-1,2-Dichloroethene  | 5.427  | 96    | 3237     | 0.686    | ug/L   | 92        |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 50158    | 10.498   | ug/L   | 97        |
| 33) Benzene                   | 8.329  | 78    | 5771     | 0.368    | ug/L   | 100       |
| 34) Trichloroethene           | 9.091  | 95    | 111078   | 27.212   | ug/L   | 95        |
| 35) Methylcyclohexane         | 9.341  | 83    | 1704     | 0.243    | ug/L # | 75        |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 14188    | 3.648    | ug/L # | 86        |
| 42) Toluene                   | 10.390 | 91    | 20147    | 1.211    | ug/L   | 94        |
| 46) Tetrachloroethene         | 10.866 | 164   | 2630096  | 850.617  | ug/L   | 95        |
| 48) 2-Hexanone                | 10.927 | 43    | 5838     | 4.056    | ug/L # | 67        |
| 52) Ethylbenzene              | 11.731 | 91    | 10751    | 0.600    | ug/L   | 95        |
| -----                         |        |       |          |          |        |           |

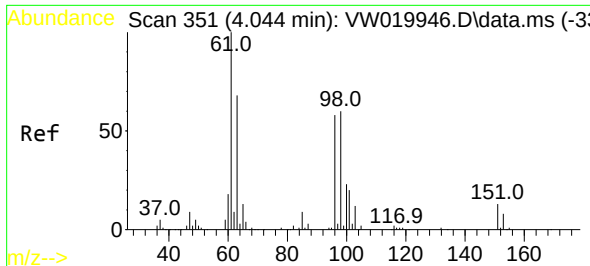
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW083121\  
Data File : VW019952.D  
Acq On : 31 Aug 2021 12:36  
Operator : SY/VA  
Sample : M3579-13  
Misc : 6.16g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
GB6B5

Quant Time: Sep 01 01:03:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Sep 01 00:59:56 2021  
Response via : Initial Calibration

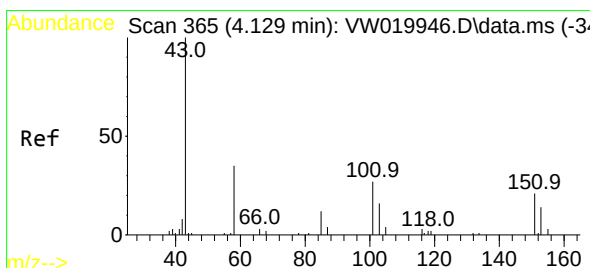
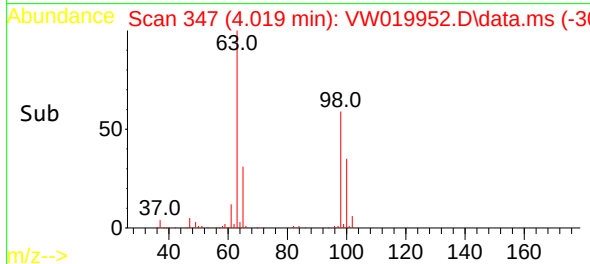
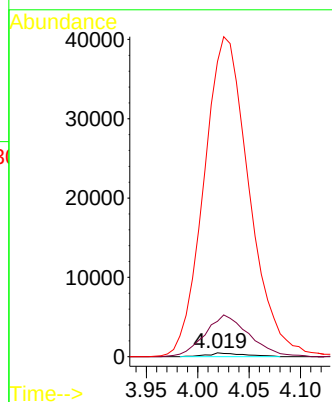
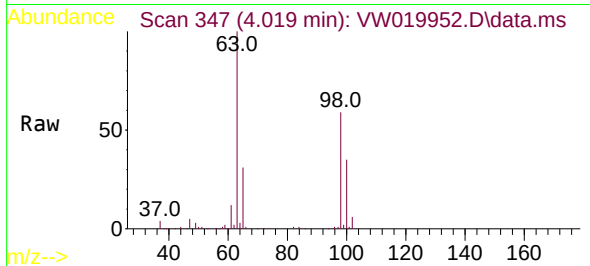




#12  
1,1-Dichloroethene  
Concen: 0.263 ug/L  
RT: 4.019 min Scan# 347  
Delta R.T. -0.025 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36

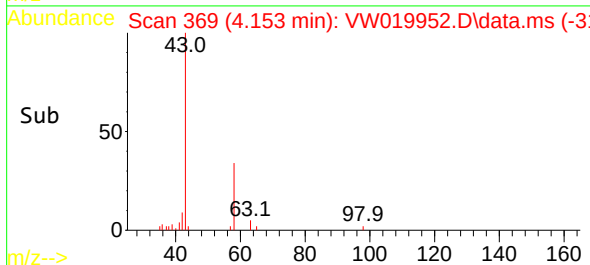
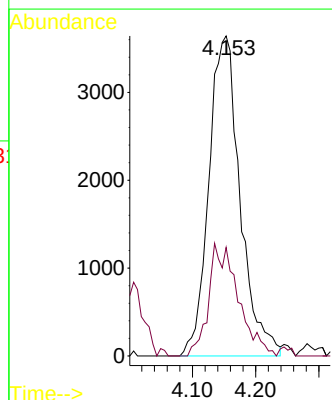
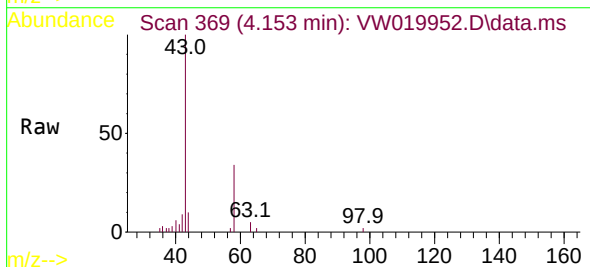
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6B5

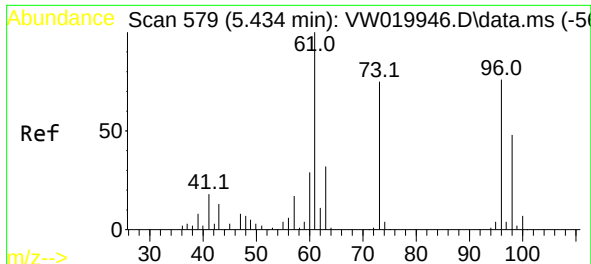
Tgt Ion: 96 Resp: 1181  
Ion Ratio Lower Upper  
96 100  
61 926.8 118.1 219.3#  
63 7717.8 83.7 155.5#



#13  
Acetone  
Concen: 14.025 ug/L  
RT: 4.153 min Scan# 369  
Delta R.T. 0.024 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36

Tgt Ion: 43 Resp: 12504  
Ion Ratio Lower Upper  
43 100  
58 11.5 0.0 53.8

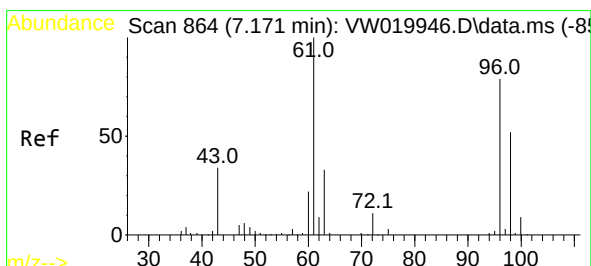
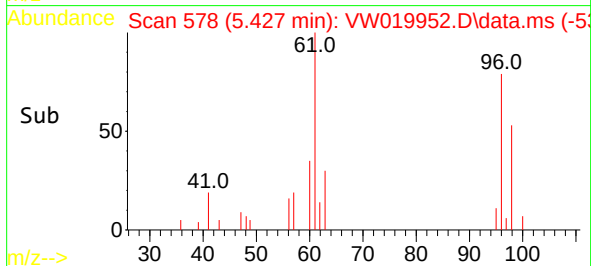
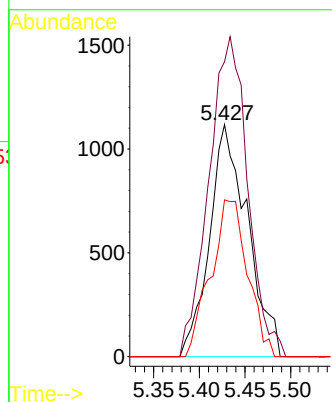
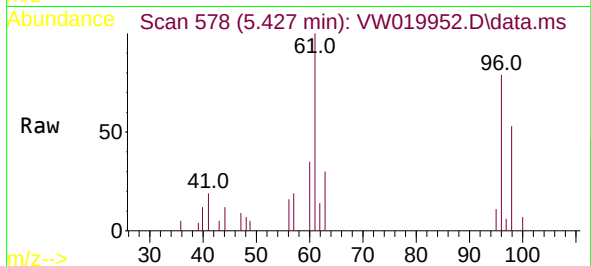




#17  
trans-1,2-Dichloroethene  
Concen: 0.686 ug/L  
RT: 5.427 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36

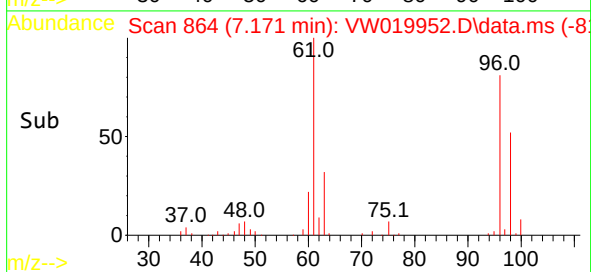
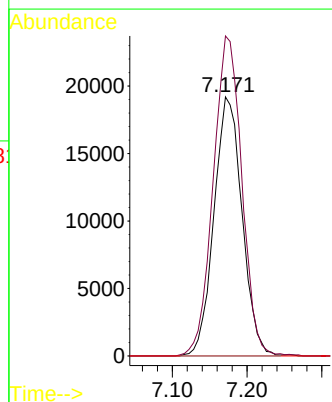
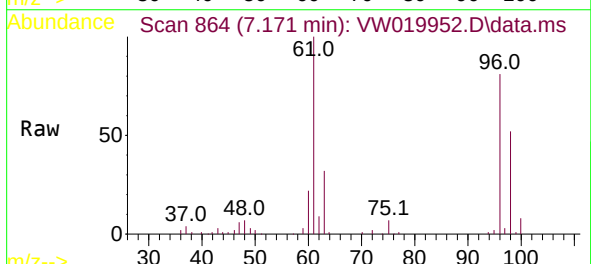
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6B5

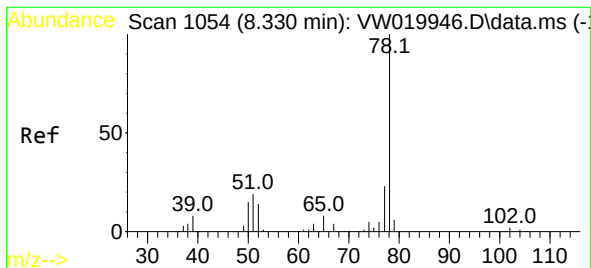
Tgt Ion: 96 Resp: 3237  
Ion Ratio Lower Upper  
96 100  
61 127.0 98.3 182.7  
98 67.5 46.1 85.7



#20  
cis-1,2-Dichloroethene  
Concen: 10.498 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36

Tgt Ion: 96 Resp: 50158  
Ion Ratio Lower Upper  
96 100  
61 123.5 88.5 164.3  
68 0.0 0.0 0.0





#33

Benzene

Concen: 0.368 ug/L

RT: 8.329 min Scan# 1054

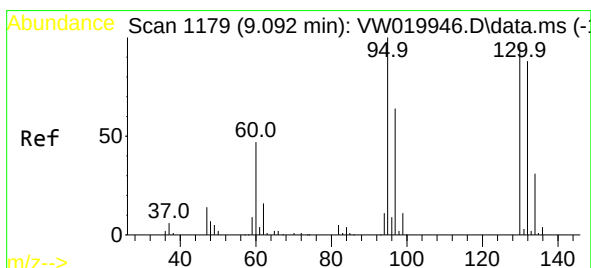
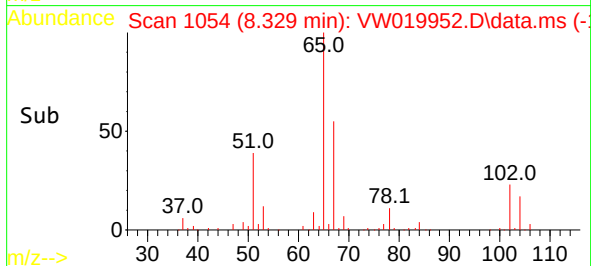
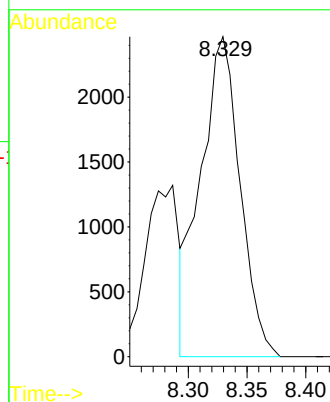
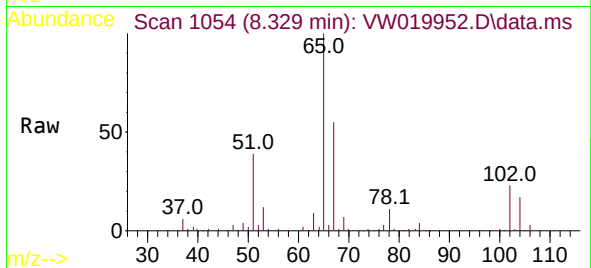
Delta R.T. -0.000 min

Lab File: VW019952.D

Acq: 31 Aug 2021 12:36

Tgt Ion: 78 Resp: 5771

Instrument :  
MSVOA\_W  
ClientSampled :  
GB6B5



#34

Trichloroethene

Concen: 27.212 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW019952.D

Acq: 31 Aug 2021 12:36

Tgt Ion: 95 Resp: 111078

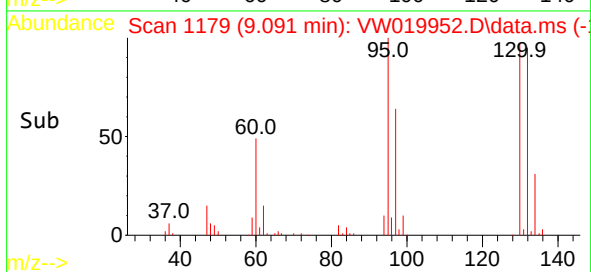
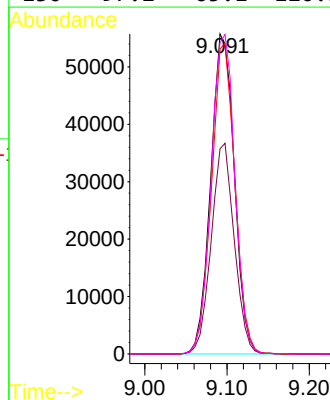
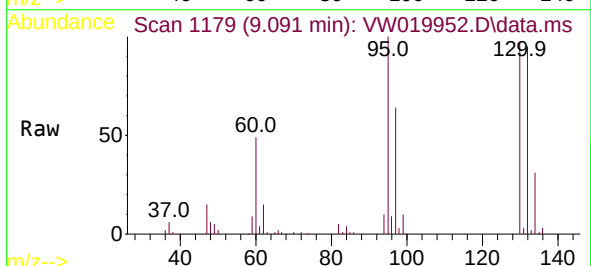
Ion Ratio Lower Upper

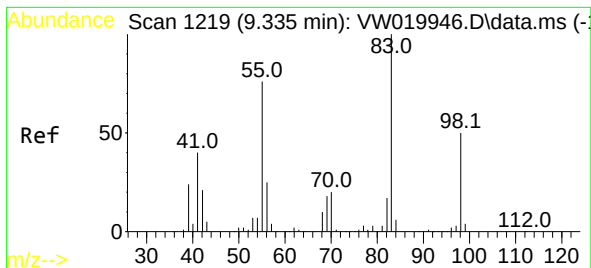
95 100

97 64.1 47.3 87.8

132 95.3 71.0 131.8

130 97.2 65.1 120.9

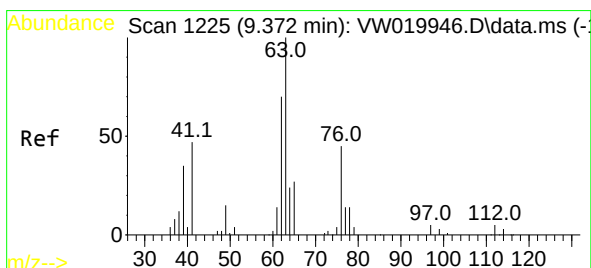
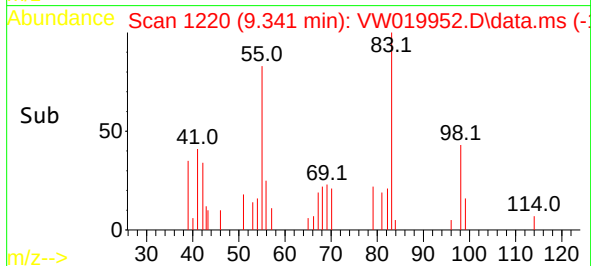
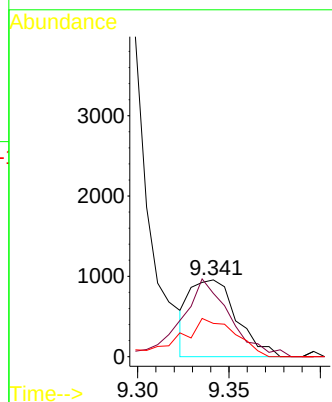
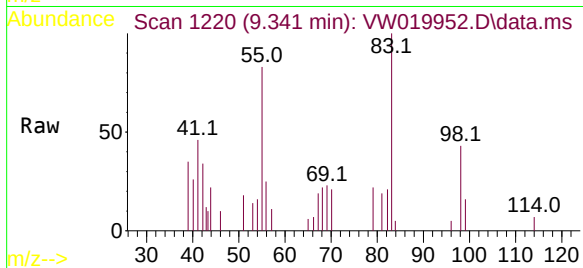




#35  
Methylcyclohexane  
Concen: 0.243 ug/L  
RT: 9.341 min Scan# 1220  
Delta R.T. 0.006 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36

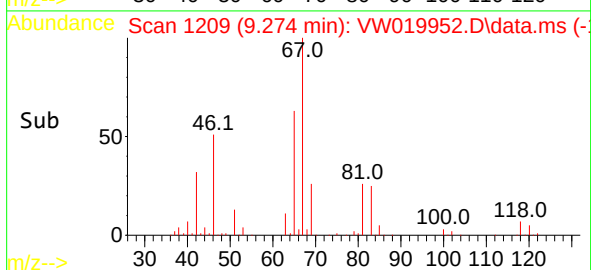
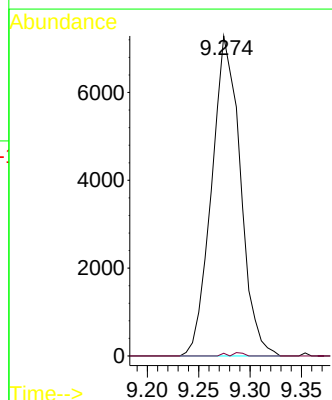
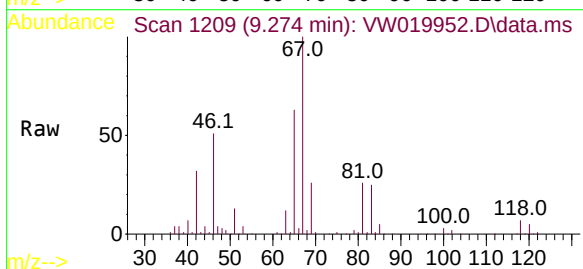
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6B5

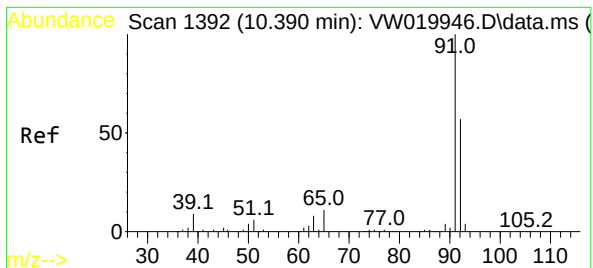
Tgt Ion: 83 Resp: 1704  
Ion Ratio Lower Upper  
83 100  
55 103.9 58.9 88.3#  
98 56.5 40.1 60.1



#37  
1,2-Dichloropropane  
Concen: 3.648 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36

Tgt Ion: 63 Resp: 14188  
Ion Ratio Lower Upper  
63 100  
112 0.2 3.9 5.9#





#42

Toluene

Concen: 1.211 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019952.D

Acq: 31 Aug 2021 12:36

Tgt Ion: 91 Resp: 20147

Ion Ratio Lower Upper

91 100

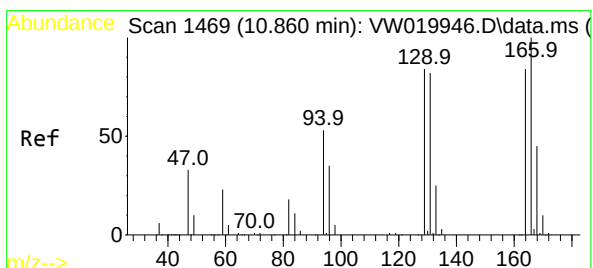
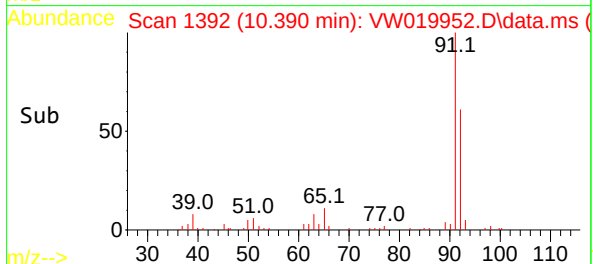
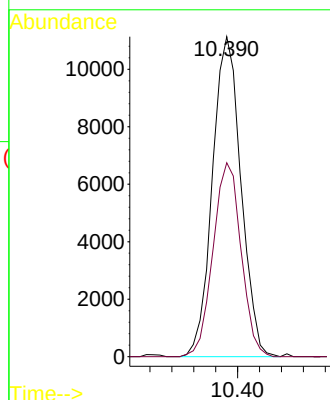
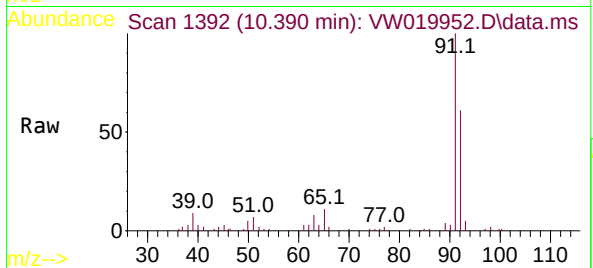
92 60.6 39.5 73.3

Instrument :

MSVOA\_W

ClientSampleId :

GB6B5



#46

Tetrachloroethene

Concen: 850.617 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW019952.D

Acq: 31 Aug 2021 12:36

Tgt Ion:164 Resp: 2630096

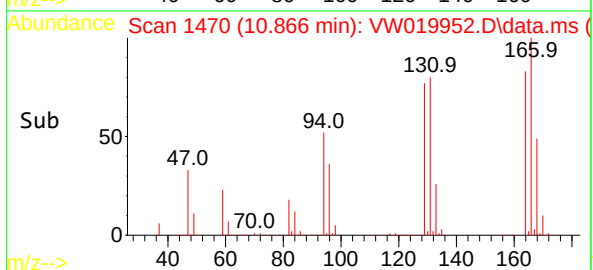
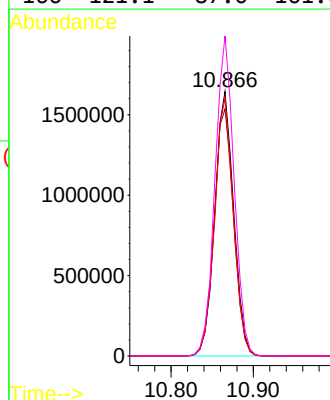
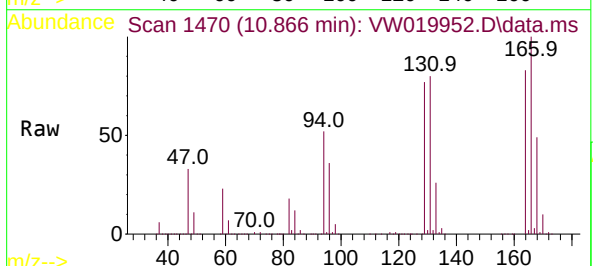
Ion Ratio Lower Upper

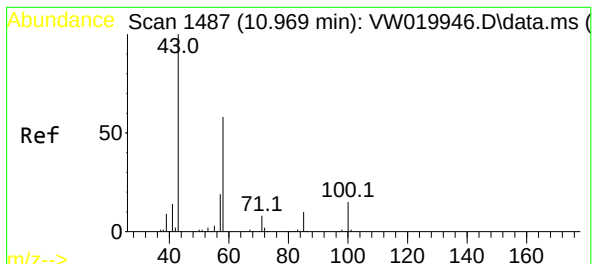
164 100

129 93.4 66.7 123.9

131 97.4 61.1 113.5

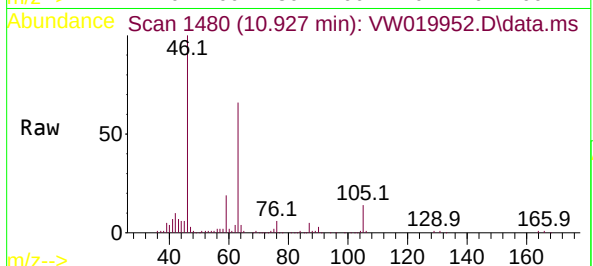
166 121.1 87.0 161.6



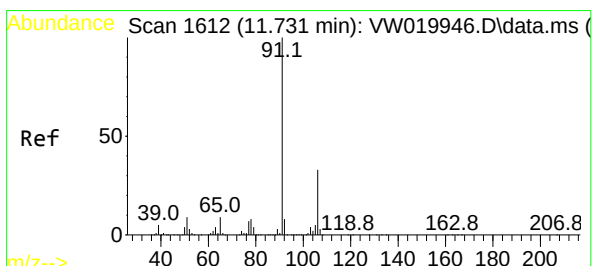
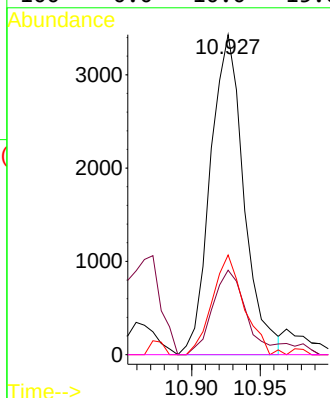
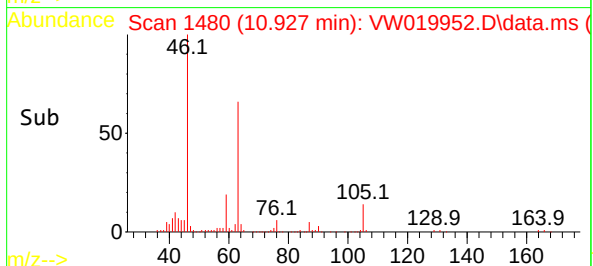


#48  
2-Hexanone  
Concen: 4.056 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36

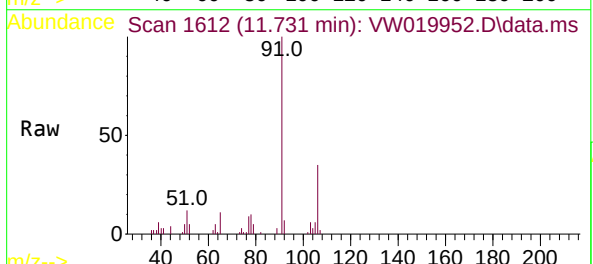
Instrument :  
MSVOA\_W  
ClientSampled :  
GB6B5



Tgt Ion: 43 Resp: 5838  
Ion Ratio Lower Upper  
43 100  
58 25.9 42.7 64.1#  
57 29.1 15.8 23.8#  
100 0.0 10.0 15.0#



#52  
Ethylbenzene  
Concen: 0.600 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019952.D  
Acq: 31 Aug 2021 12:36



Tgt Ion: 91 Resp: 10751  
Ion Ratio Lower Upper  
91 100  
106 35.2 22.5 41.7

