

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062221\  
 Data File : VW019266.D  
 Acq On : 22 Jun 2021 14:10  
 Operator : SY/VA  
 Sample : M2781-01  
 Misc : 5.52G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 23 05:41:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 12:12:47 2021  
 Response via : Initial Calibration

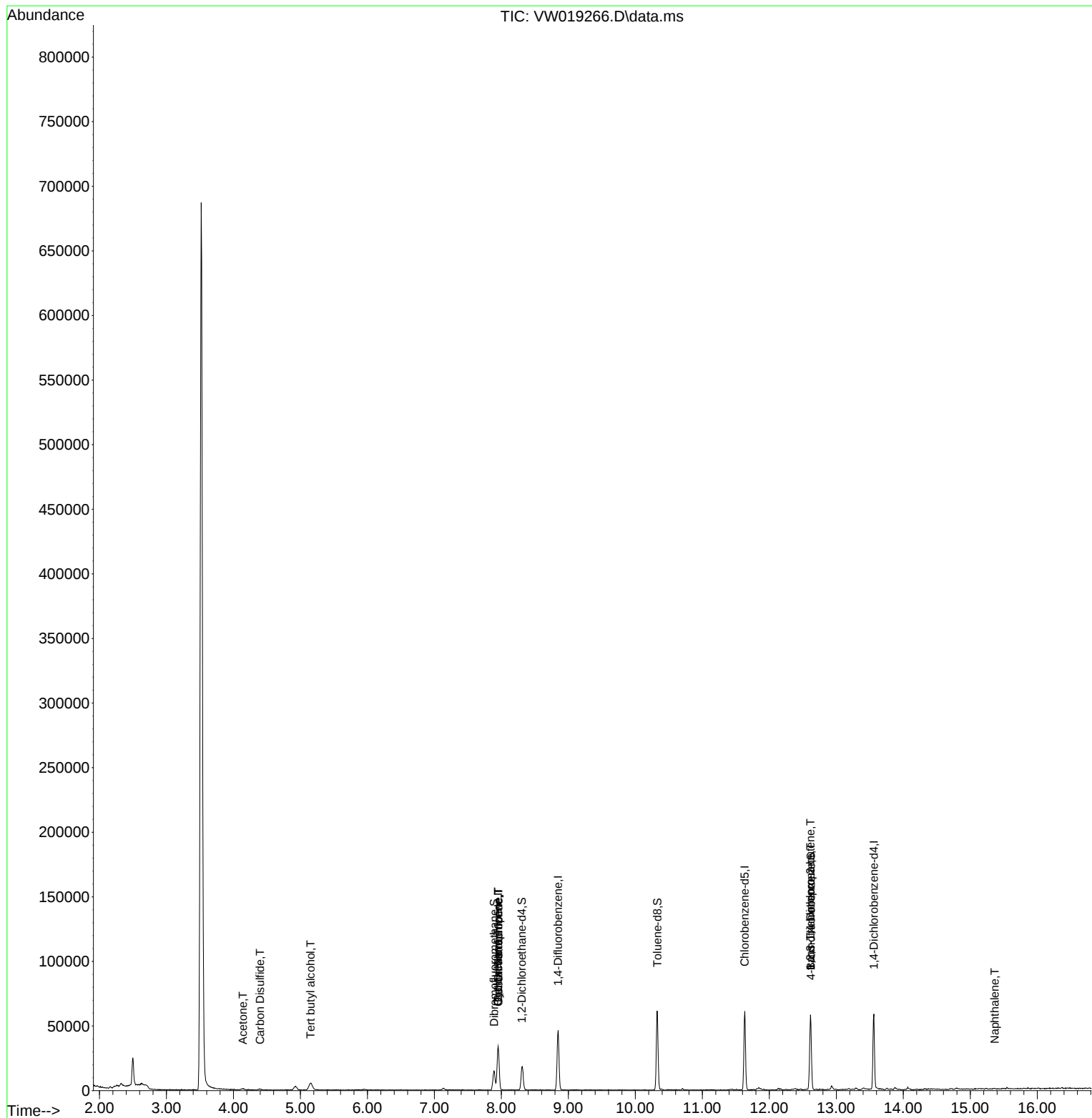
| Compound                      | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|--------|------|----------|---------|----------|----------|
| -----                         |        |      |          |         |          |          |
| Internal Standards            |        |      |          |         |          |          |
| 1) Pentafluorobenzene         | 7.951  | 168  | 24742    | 50.000  | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.848  | 114  | 37505    | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5          | 11.634 | 117  | 32542    | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 14390    | 50.000  | ug/l     | 0.00     |
|                               |        |      |          |         |          |          |
| System Monitoring Compounds   |        |      |          |         |          |          |
| 33) 1,2-Dichloroethane-d4     | 8.305  | 65   | 15332    | 51.083  | ug/l     | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =       | 102.160% |          |
| 35) Dibromofluoromethane      | 7.891  | 113  | 10592    | 44.339  | ug/l     | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =       | 88.680%  |          |
| 50) Toluene-d8                | 10.329 | 98   | 42288    | 44.221  | ug/l     | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =       | 88.440%  |          |
| 62) 4-Bromofluorobenzene      | 12.621 | 95   | 13991    | 41.832  | ug/l     | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =       | 83.660%  |          |
|                               |        |      |          |         |          |          |
| Target Compounds              |        |      |          |         | Qvalue   |          |
| 11) Tert butyl alcohol        | 5.153  | 59   | 10093    | 756.285 | ug/l #   | 84       |
| 16) Acetone                   | 4.141  | 43   | 2070     | 42.971  | ug/l #   | 79       |
| 17) Carbon Disulfide          | 4.397  | 76   | 1175     | 1.489   | ug/l #   | 74       |
| 31) Cyclohexane               | 7.945  | 56   | 759      | 1.487   | ug/l #   | 54       |
| 36) 1,1-Dichloropropene       | 7.951  | 75   | 2001     | 5.041   | ug/l #   | 49       |
| 38) Carbon Tetrachloride      | 7.958  | 117  | 2607     | 7.513   | ug/l #   | 15       |
| 76) 1,2,3-Trichloropropane    | 12.615 | 75   | 8393     | 59.536  | ug/l #   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.615 | 75   | 8393     | 144.431 | ug/l #   | 9        |
| 95) Naphthalene               | 15.365 | 128  | 800      | 1.617   | ug/l #   | 87       |
| -----                         |        |      |          |         |          |          |

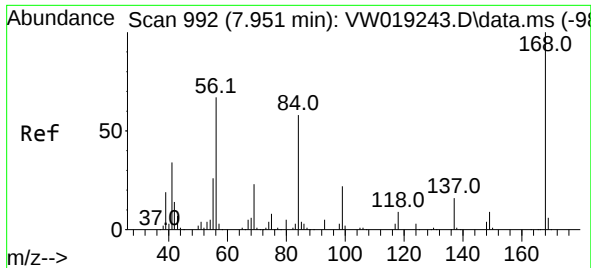
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062221\  
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Misc : 5.52G/5ML/MSVOA\_W/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jun 23 05:41:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 21 12:12:47 2021  
Response via : Initial Calibration

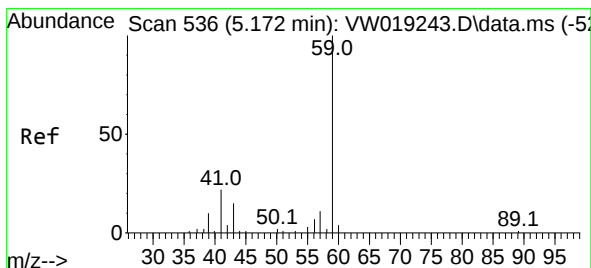
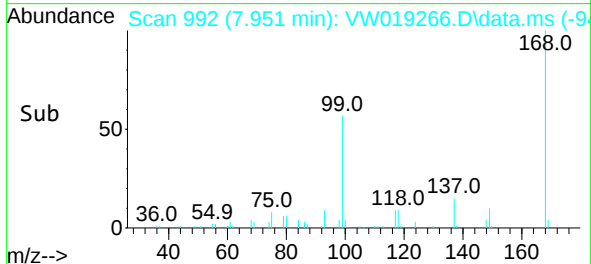
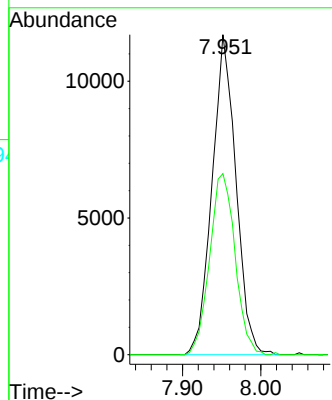
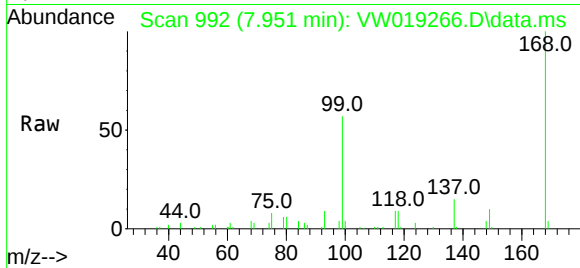




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

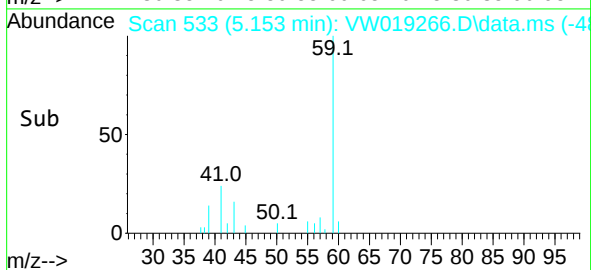
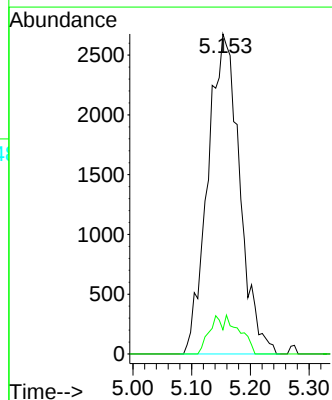
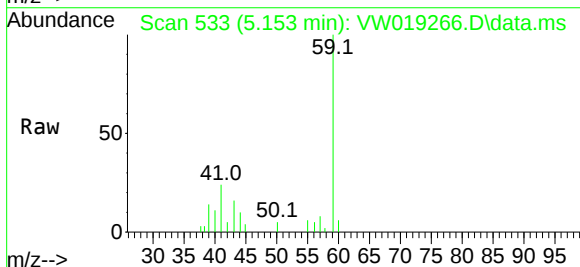
Instrument :  
MSVOA\_W  
ClientSampleId :

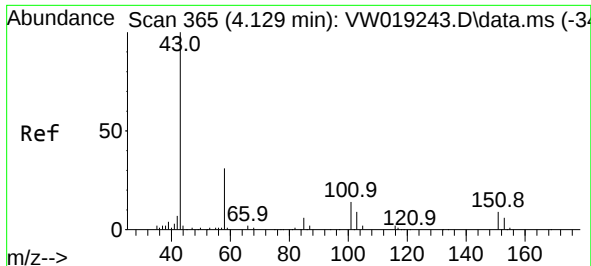
Tgt Ion:168 Resp: 24742  
Ion Ratio Lower Upper  
168 100  
99 56.6 48.8 73.2



#11  
Tert butyl alcohol  
Concen: 756.285 ug/l  
RT: 5.153 min Scan# 533  
Delta R.T. -0.019 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

Tgt Ion: 59 Resp: 10093  
Ion Ratio Lower Upper  
59 100  
57 5.1 8.9 13.3#

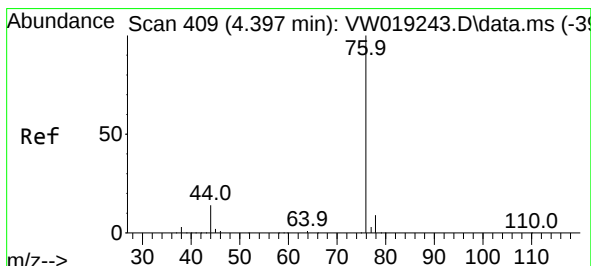
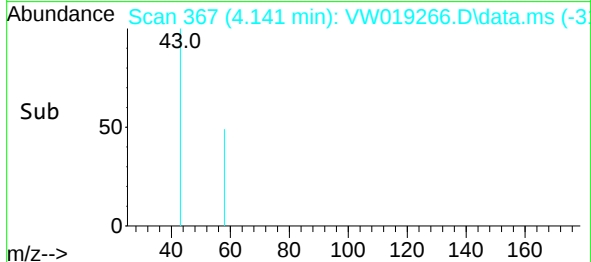
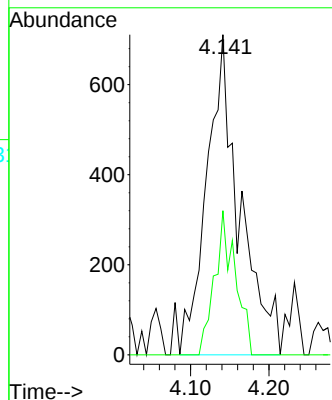
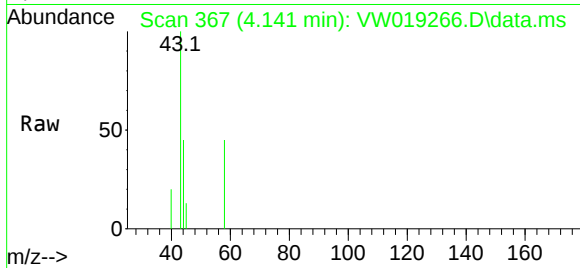




#16  
Acetone  
Concen: 42.971 ug/l  
RT: 4.141 min Scan# 367  
Delta R.T. 0.012 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

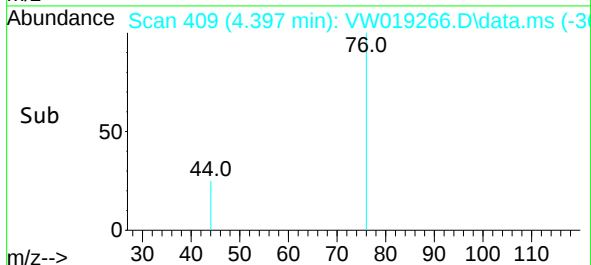
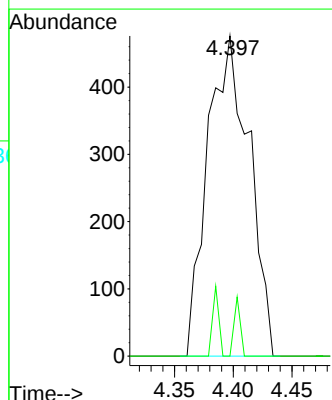
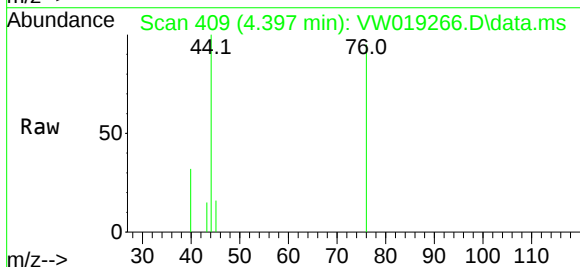
Instrument :  
MSVOA\_W  
ClientSampled :

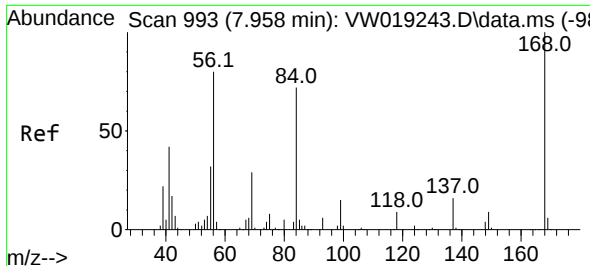
Tgt Ion: 43 Resp: 2070  
Ion Ratio Lower Upper  
43 100  
58 45.0 26.4 39.6#



#17  
Carbon Disulfide  
Concen: 1.489 ug/l  
RT: 4.397 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

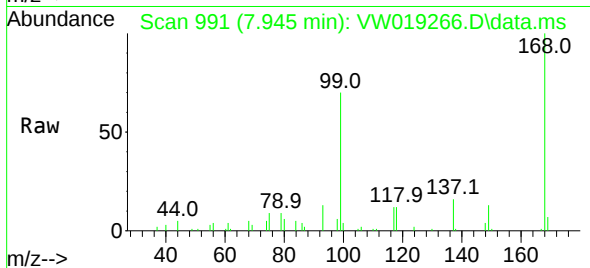
Tgt Ion: 76 Resp: 1175  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.2#



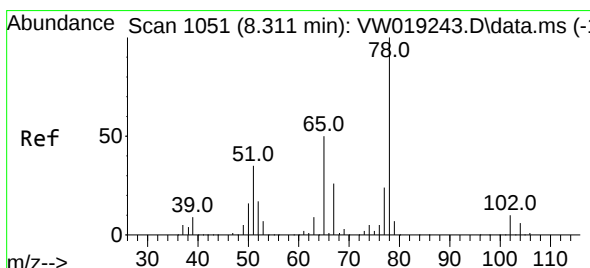
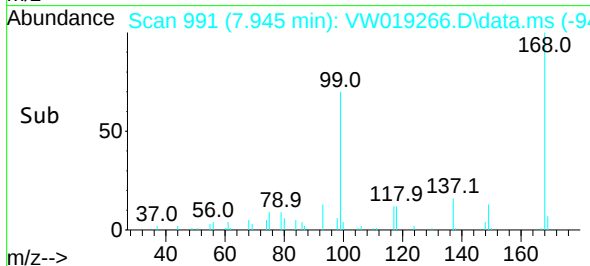
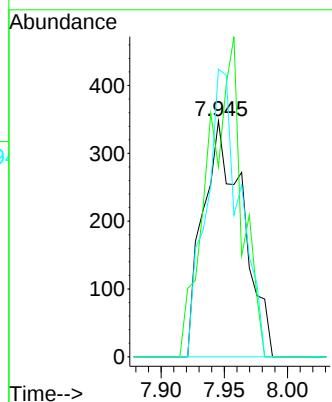


#31  
Cyclohexane  
Concen: 1.487 ug/l  
RT: 7.945 min Scan# 991  
Delta R.T. -0.013 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

Instrument :  
MSVOA\_W  
ClientSampleId :

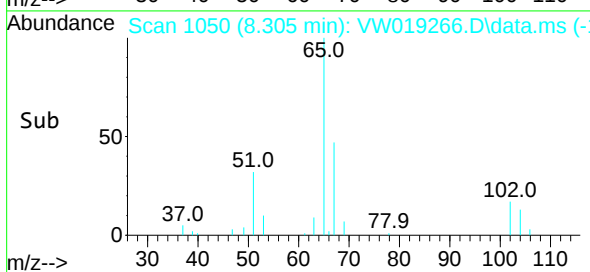
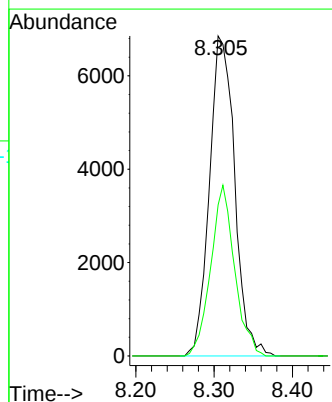
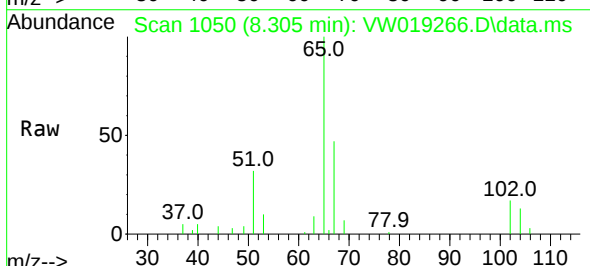


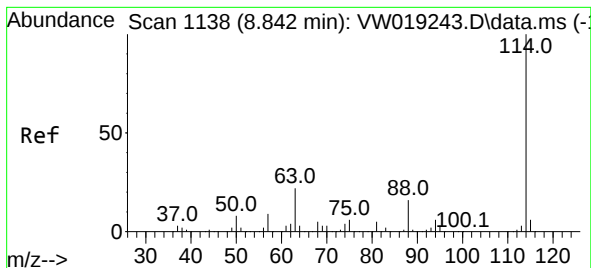
Tgt Ion: 56 Resp: 759  
Ion Ratio Lower Upper  
56 100  
69 80.5 28.4 42.6#  
84 121.8 72.3 108.5#



#33  
1,2-Dichloroethane-d4  
Concen: 51.083 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

Tgt Ion: 65 Resp: 15332  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 104.0

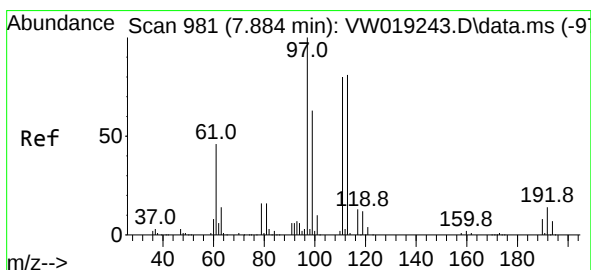
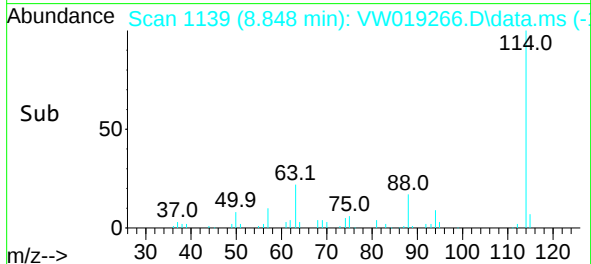
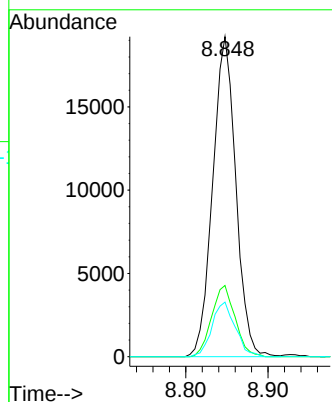
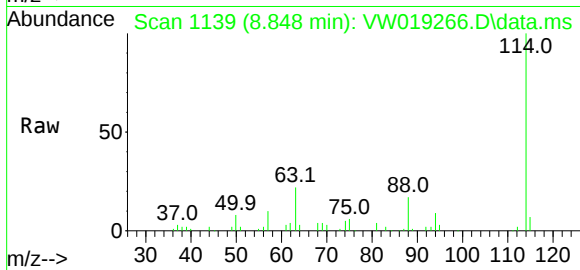




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.848 min Scan# 1139  
Delta R.T. 0.006 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

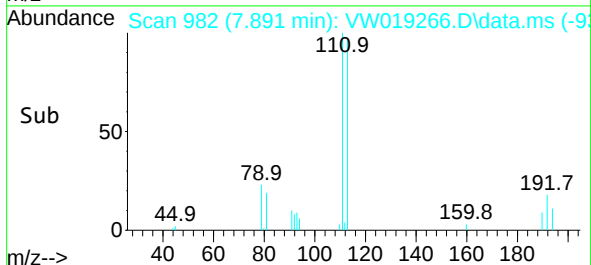
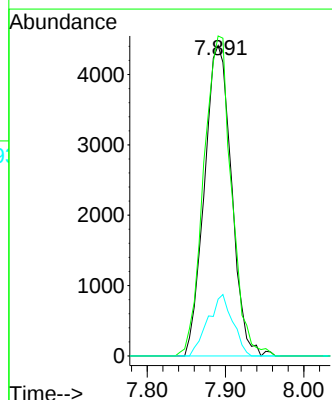
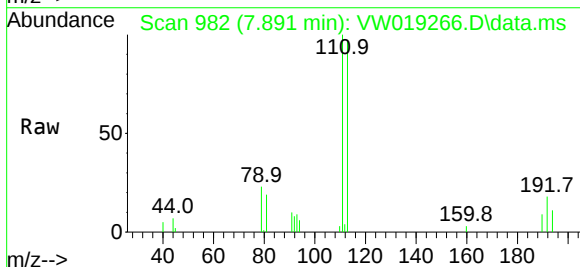
Instrument :  
MSVOA\_W  
ClientSampleId :

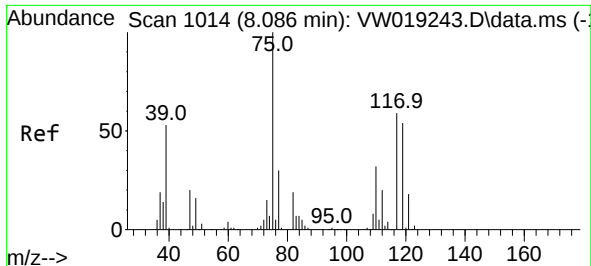
Tgt Ion:114 Resp: 37505  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 42.4  
88 17.0 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 44.339 ug/l  
RT: 7.891 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

Tgt Ion:113 Resp: 10592  
Ion Ratio Lower Upper  
113 100  
111 105.7 82.3 123.5  
192 18.2 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.041 ug/l

RT: 7.951 min Scan# 992

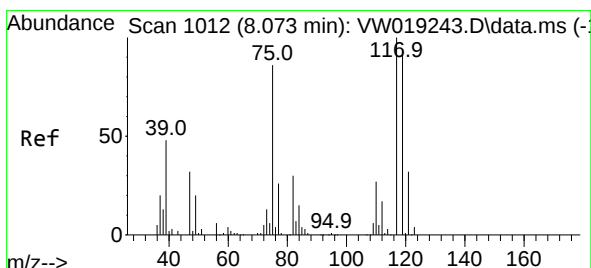
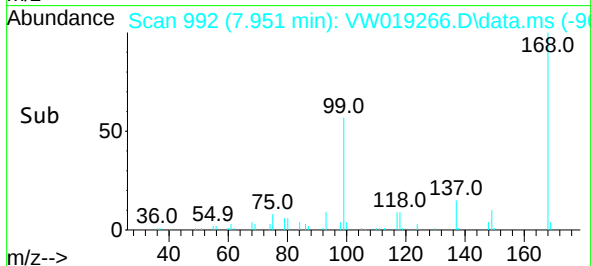
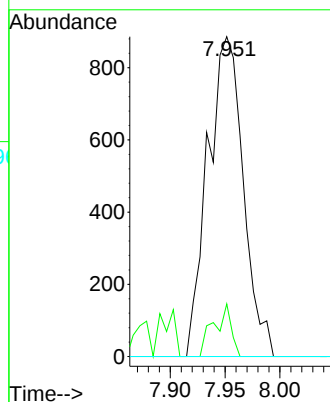
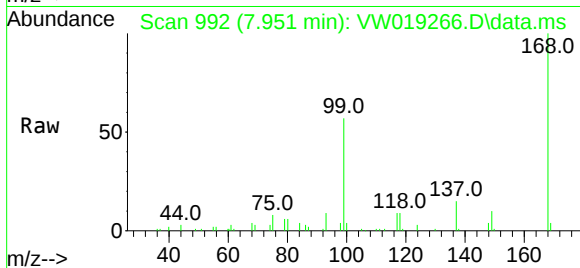
Delta R.T. -0.135 min

Lab File: VW019266.D

Acq: 22 Jun 2021 14:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2001  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 8.2   | 17.1  | 51.2# |
| 77       | 0.0   | 25.3  | 37.9# |

Instrument :  
MSVOA\_W  
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.513 ug/l

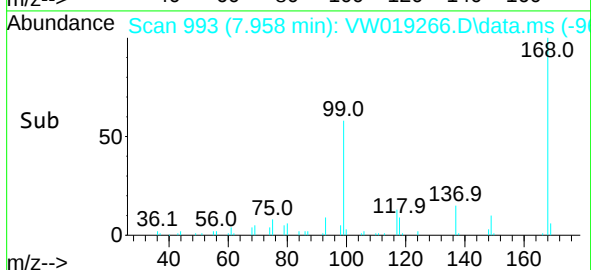
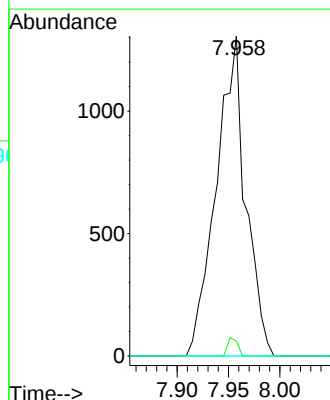
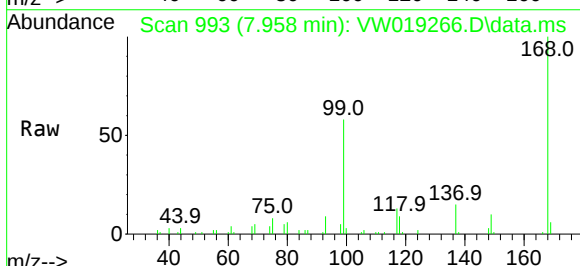
RT: 7.958 min Scan# 993

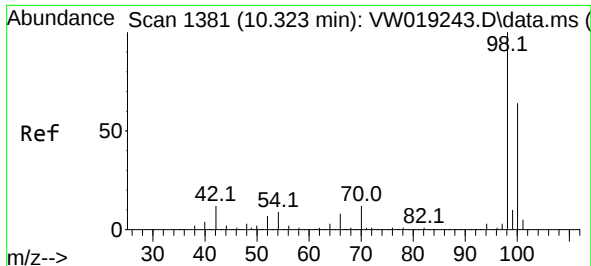
Delta R.T. -0.115 min

Lab File: VW019266.D

Acq: 22 Jun 2021 14:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 2607   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.7   | 77.4  | 116.0# |
| 121      | 0.0   | 23.6  | 35.4#  |

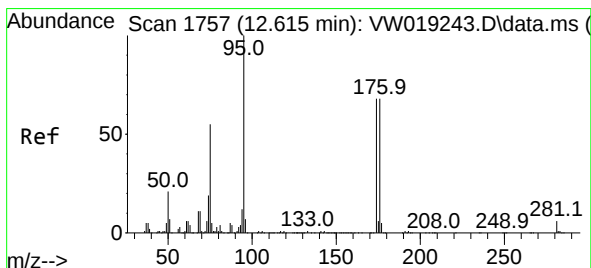
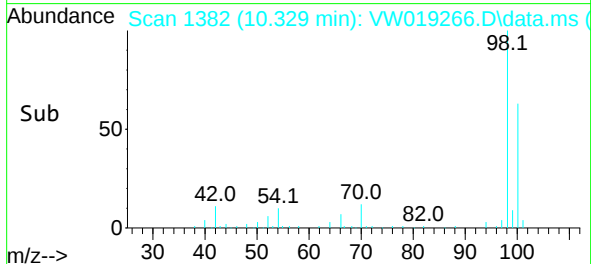
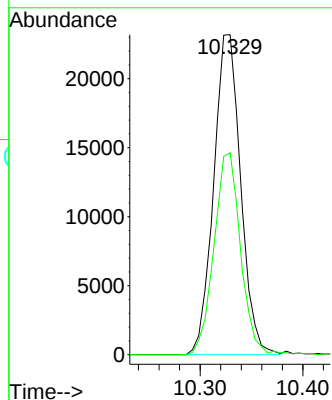
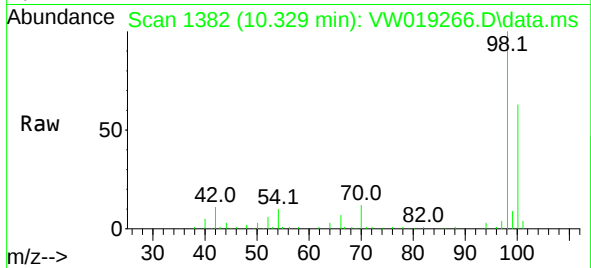




#50  
Toluene-d8  
Concen: 44.221 ug/l  
RT: 10.329 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

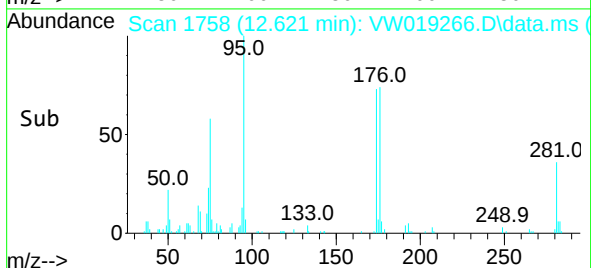
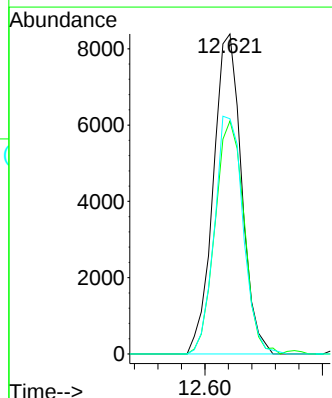
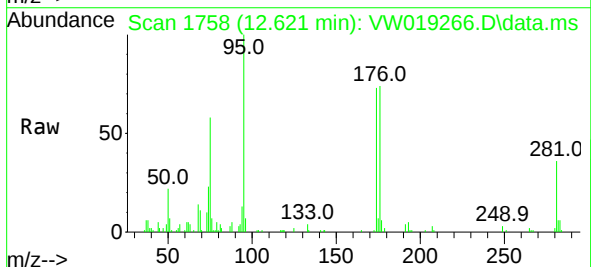
Instrument :  
MSVOA\_W  
ClientSampled :

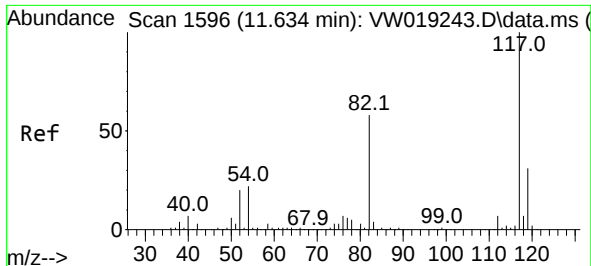
Tgt Ion: 98 Resp: 42288  
Ion Ratio Lower Upper  
98 100  
100 61.9 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 41.832 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.006 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

Tgt Ion: 95 Resp: 13991  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 156.2  
176 75.6 0.0 160.8

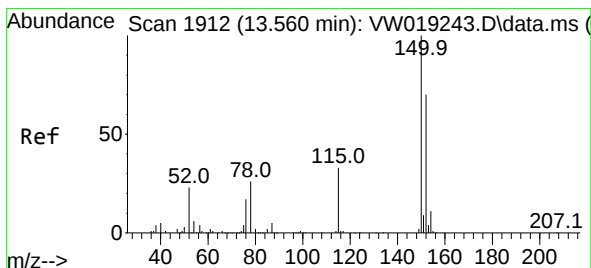
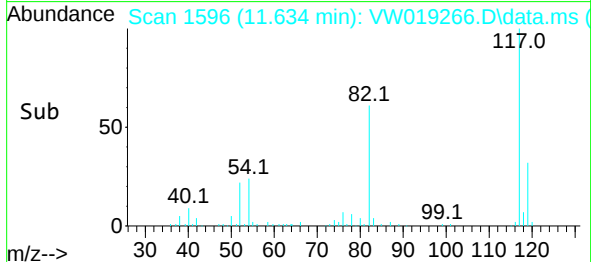
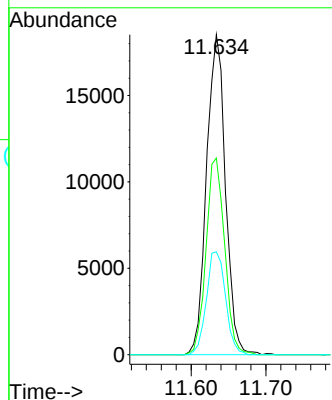
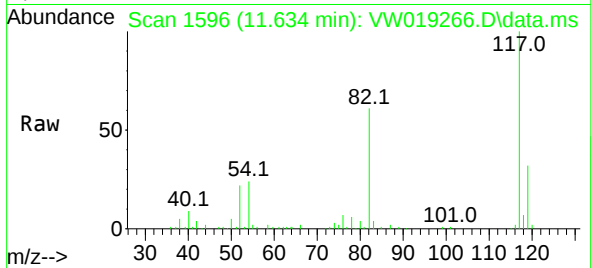




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

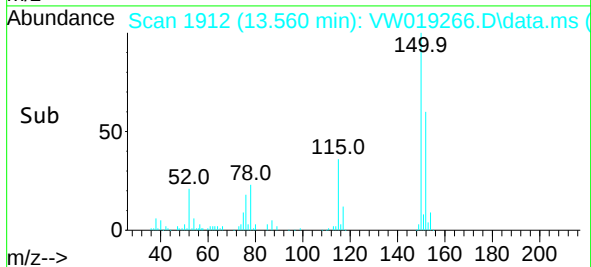
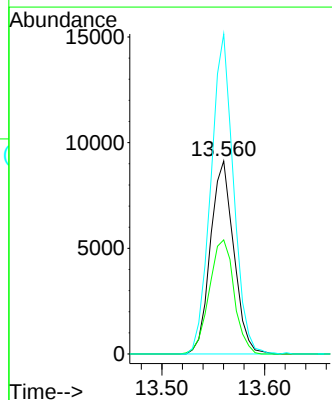
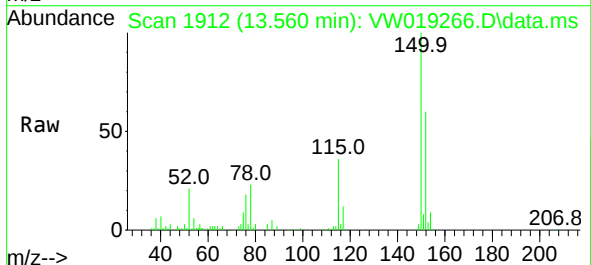
Instrument :  
MSVOA\_W  
ClientSampleId :

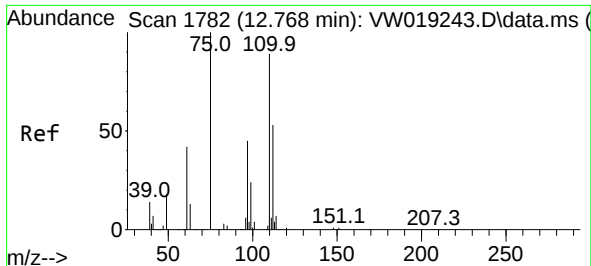
Tgt Ion:117 Resp: 32542  
Ion Ratio Lower Upper  
117 100  
82 61.5 44.4 66.6  
119 32.1 24.6 36.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

Tgt Ion:152 Resp: 14390  
Ion Ratio Lower Upper  
152 100  
115 63.0 30.3 90.8  
150 161.2 0.0 356.0

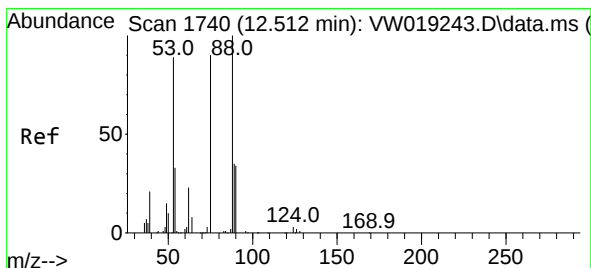
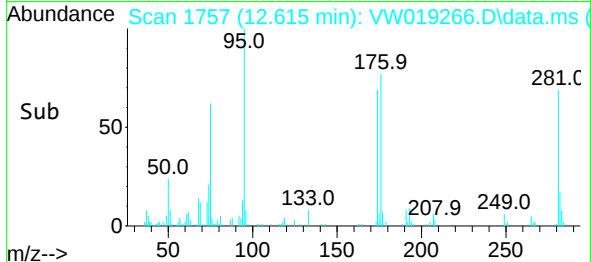
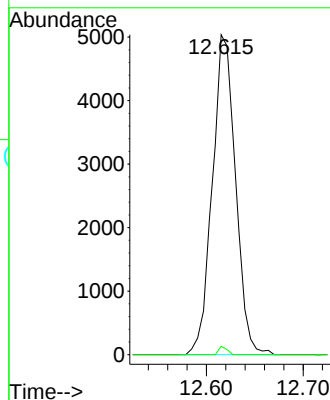
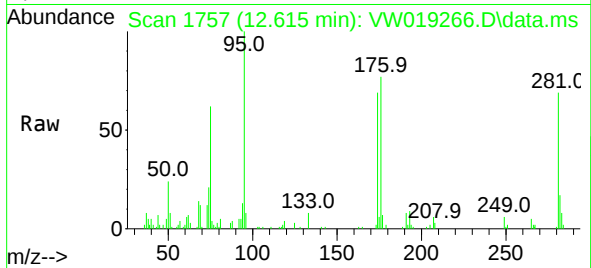




#76  
1,2,3-Trichloropropane  
Concen: 59.536 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.153 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

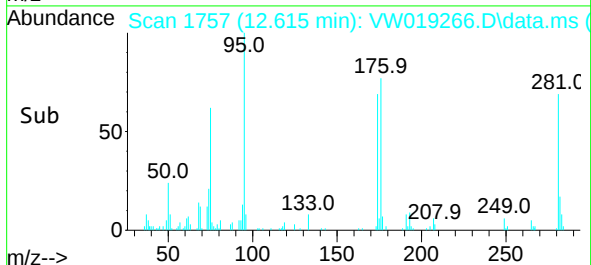
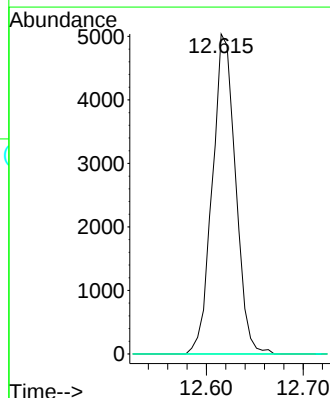
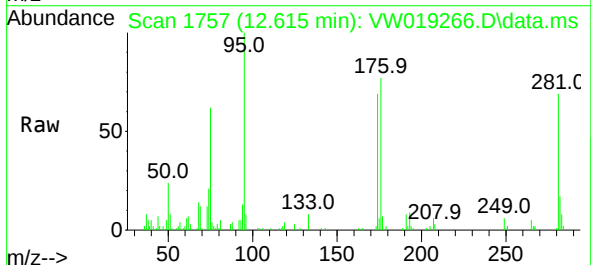
Instrument :  
MSVOA\_W  
ClientSampleId :

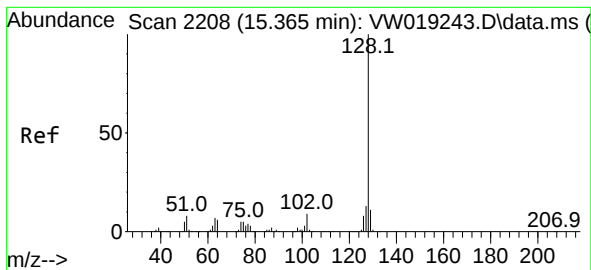
Tgt Ion: 75 Resp: 8393  
Ion Ratio Lower Upper  
75 100  
77 0.9 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 144.431 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. 0.103 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

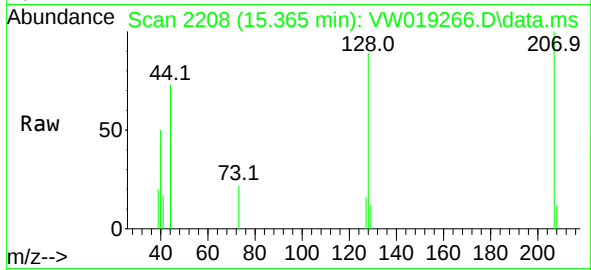
Tgt Ion: 75 Resp: 8393  
Ion Ratio Lower Upper  
75 100  
53 0.0 81.5 122.3#  
89 0.0 36.3 54.5#





#95  
Naphthalene  
Concen: 1.617 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019266.D  
Acq: 22 Jun 2021 14:10

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:128 Resp: 800  
Ion Ratio Lower Upper  
128 100  
127 8.1 10.4 15.6#  
129 5.0 8.5 12.7#

