

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060321\  
 Data File : VW019109.D  
 Acq On : 03 Jun 2021 16:10  
 Operator : SY/VA  
 Sample : M2596-13  
 Misc : 5.56G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 04 01:04:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 04 01:03:52 2021  
 Response via : Initial Calibration

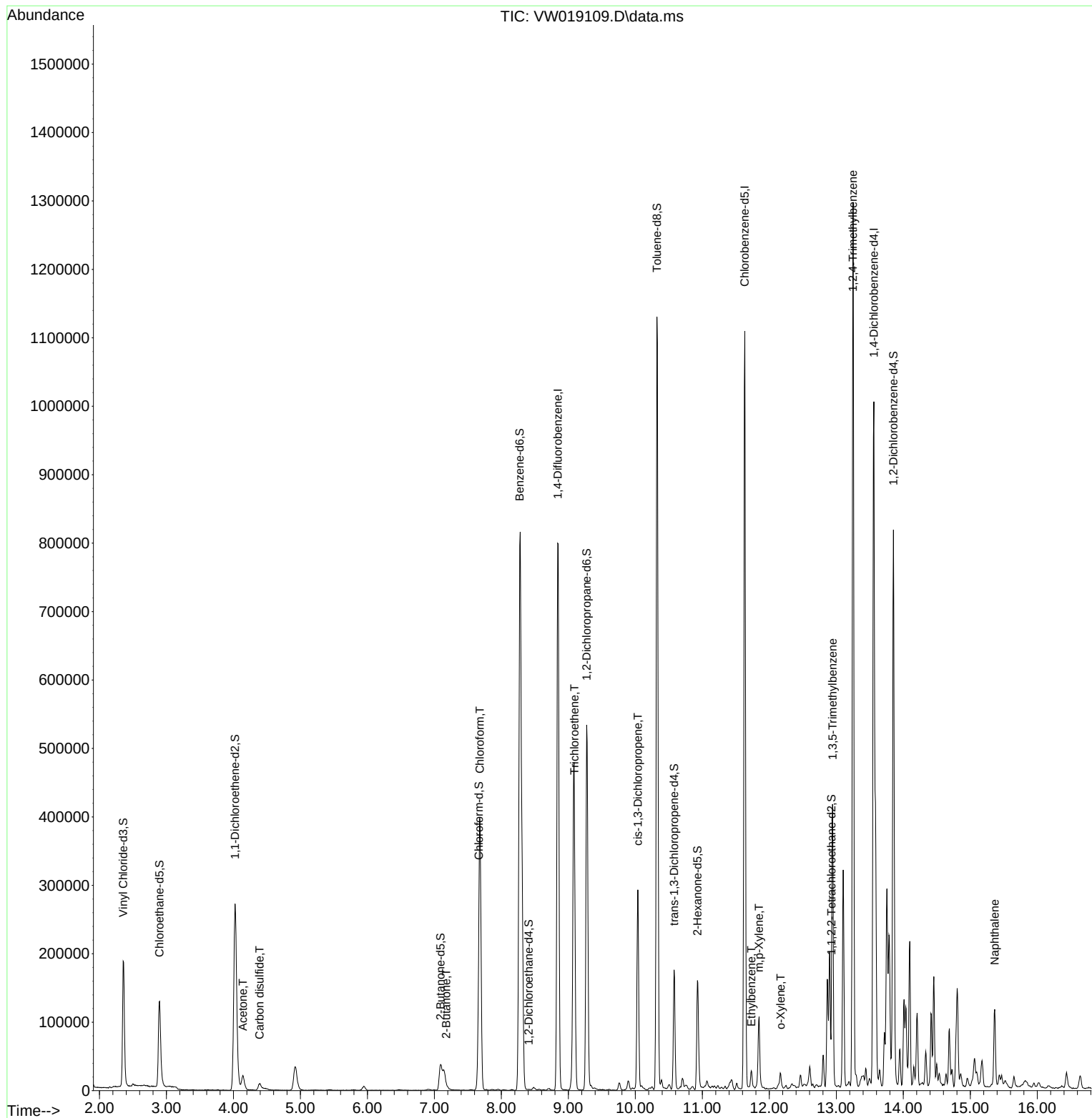
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 684796     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 592339     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 258506     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 218904     | 24.174  | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 96.680% |        |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 169466     | 21.973  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.880% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 304105     | 16.903  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 67.600% |        |          |
| 21) 2-Butanone-d5             | 7.092          | 46   | 58907      | 24.835  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 49.660% |        |          |
| 24) Chloroform-d              | 7.665          | 84   | 32648      | 1.773   | ug/L   | 0.01     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 7.080%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.408          | 65   | 174        | 0.017   | ug/L   | 0.10     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 0.080%# |        |          |
| 32) Benzene-d6                | 8.274          | 84   | 836458     | 24.785  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 99.160% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 248724     | 24.311  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 97.240% |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 753725     | 24.319  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 97.280% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 97113      | 21.916  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 87.680% |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 40422      | 23.299  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 46.600% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.926         | 84   | 231        | 0.027   | ug/L   | 0.23     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 0.120%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 201875     | 22.374  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.480% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.141          | 43   | 39785      | 18.929  | ug/L   | 93       |
| 14) Carbon disulfide          | 4.391          | 76   | 21732      | 0.708   | ug/L   | 97       |
| 22) 2-Butanone                | 7.177          | 43   | 7146       | 2.543   | ug/L   | 96       |
| 25) Chloroform                | 7.677          | 83   | 380889     | 20.111  | ug/L   | 99       |
| 34) Trichloroethene           | 9.091          | 95   | 48931      | 4.818   | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 10.036         | 75   | 7189       | 0.485   | ug/L # | 67       |
| 52) Ethylbenzene              | 11.731         | 91   | 15491      | 0.336   | ug/L   | 99       |
| 53) m,p-Xylene                | 11.847         | 106  | 28305      | 1.665   | ug/L   | 99       |
| 54) o-Xylene                  | 12.170         | 106  | 5590       | 0.345   | ug/L   | 86       |
| 62) 1,3,5-Trimethylbenzene    | 12.944         | 105  | 210096     | 6.610   | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249         | 105  | 680682     | 21.452  | ug/L   | 99       |
| 71) Naphthalene               | 15.365         | 128  | 94366      | 4.725   | ug/L   | 99       |
| -----                         |                |      |            |         |        |          |

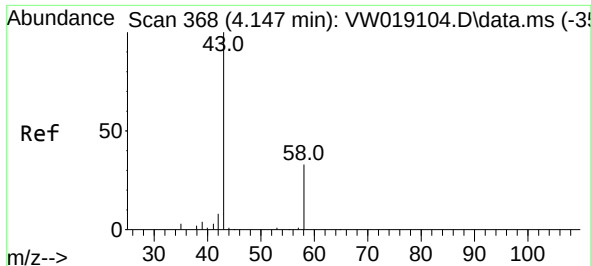
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060321\  
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Sample : M2596-13  
Misc : 5.56G/10ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jun 04 01:04:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jun 04 01:03:52 2021  
Response via : Initial Calibration

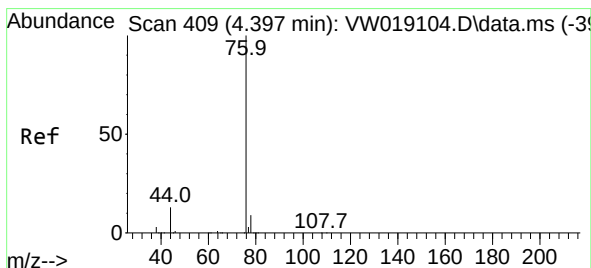
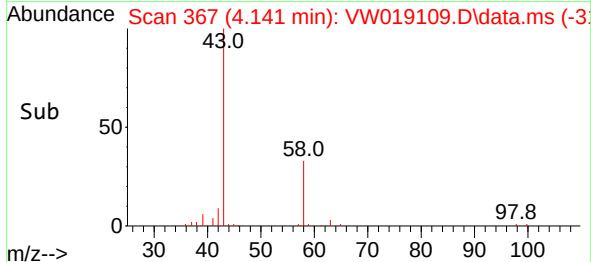
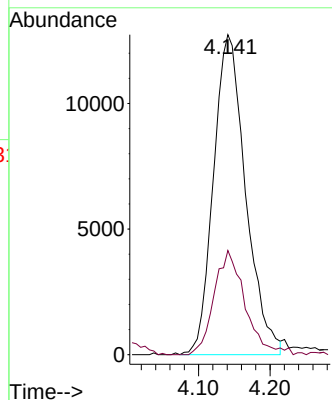
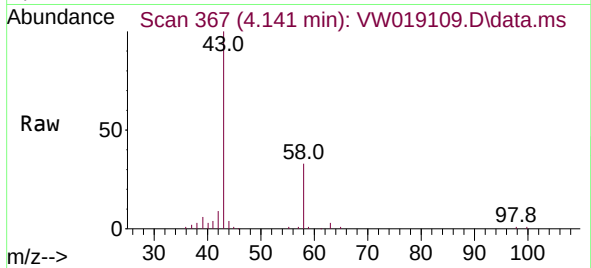




#13  
Acetone  
Concen: 18.929 ug/L  
RT: 4.141 min Scan# 367  
Delta R.T. -0.006 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

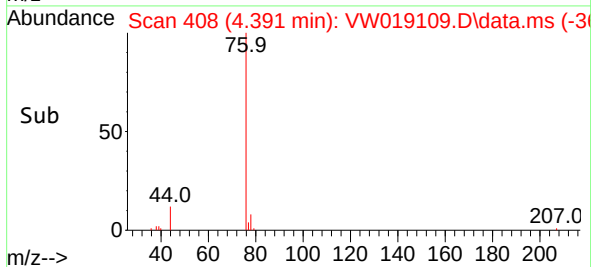
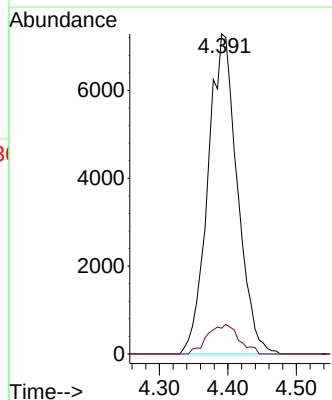
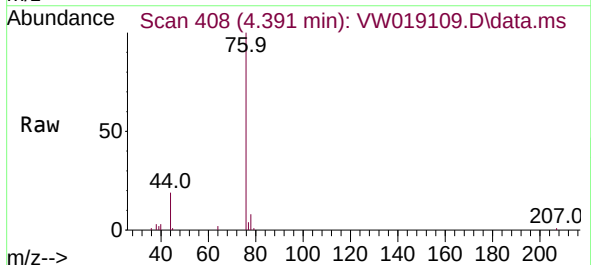
Instrument :  
MSVOA\_W  
ClientSampled :

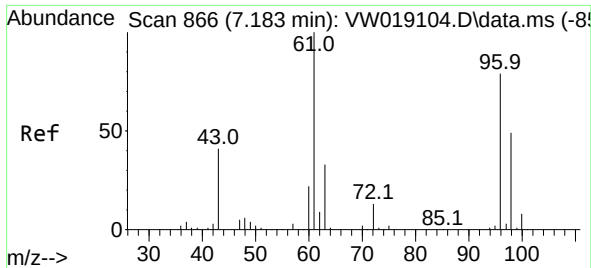
Tgt Ion: 43 Resp: 39785  
Ion Ratio Lower Upper  
43 100  
58 30.6 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.708 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

Tgt Ion: 76 Resp: 21732  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.4 11.0

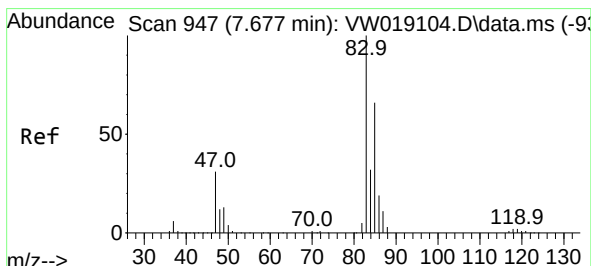
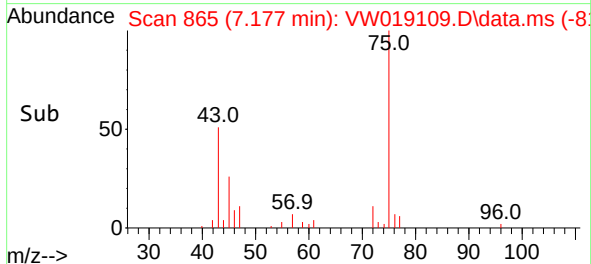
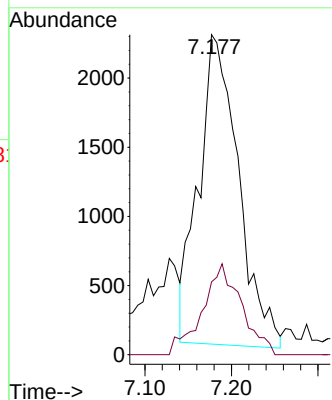
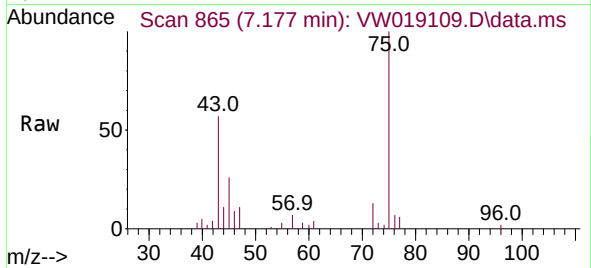




#22  
2-Butanone  
Concen: 2.543 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

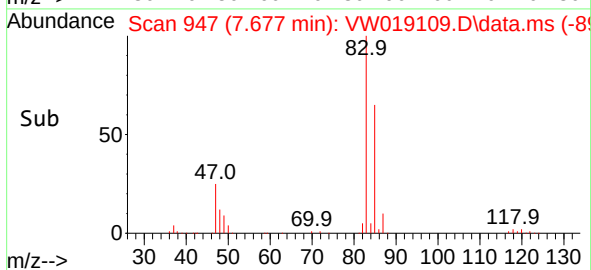
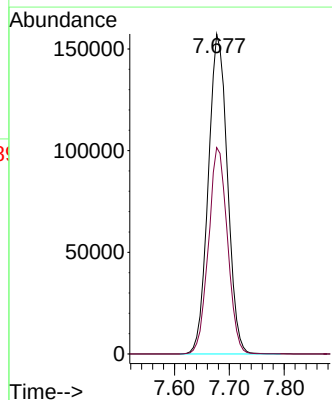
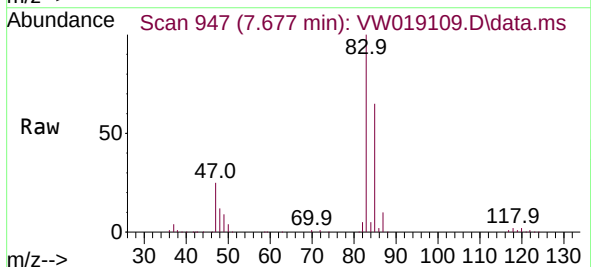
Instrument :  
MSVOA\_W  
ClientSampled :

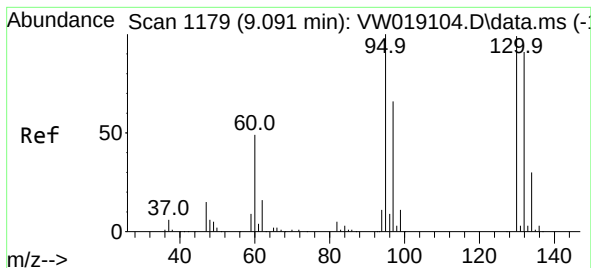
Tgt Ion: 43 Resp: 7146  
Ion Ratio Lower Upper  
43 100  
72 27.6 14.9 44.7



#25  
Chloroform  
Concen: 20.111 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

Tgt Ion: 83 Resp: 380889  
Ion Ratio Lower Upper  
83 100  
85 64.5 44.6 82.8





#34

Trichloroethene

Concen: 4.818 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW019109.D

Acq: 03 Jun 2021 16:10

Tgt Ion: 95 Resp: 48931

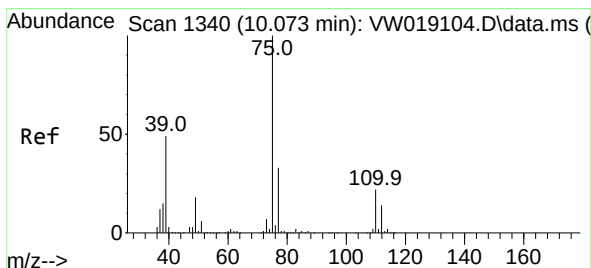
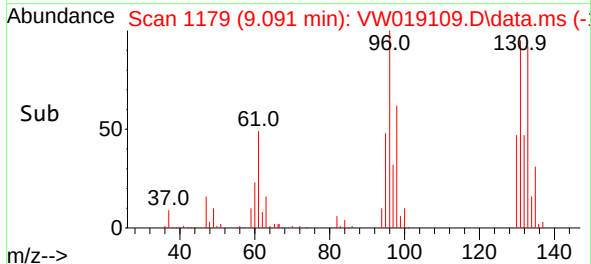
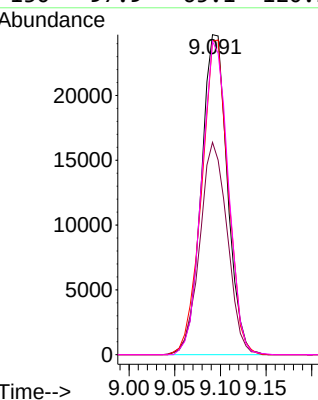
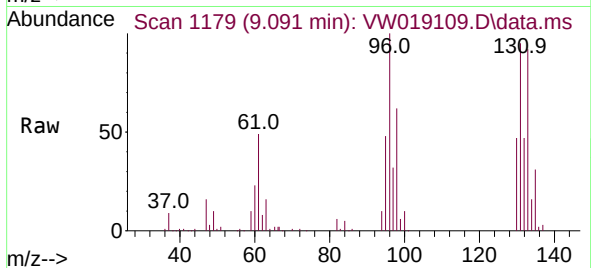
Ion Ratio Lower Upper

95 100

97 66.3 47.3 87.8

132 97.9 71.0 131.8

130 97.9 65.1 120.9



#39

cis-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW019109.D

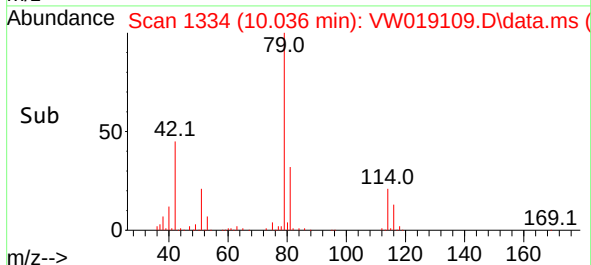
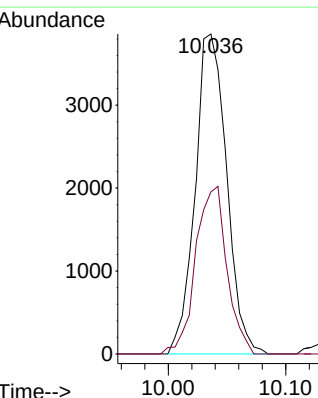
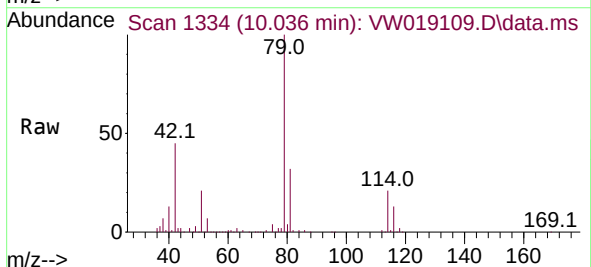
Acq: 03 Jun 2021 16:10

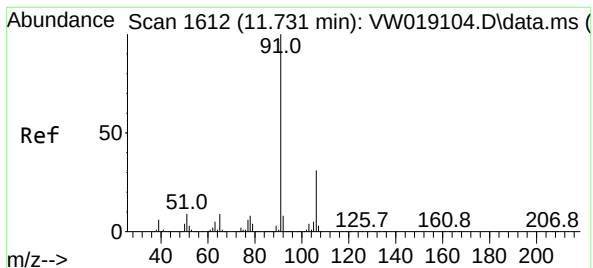
Tgt Ion: 75 Resp: 7189

Ion Ratio Lower Upper

75 100

77 50.6 22.6 42.0#

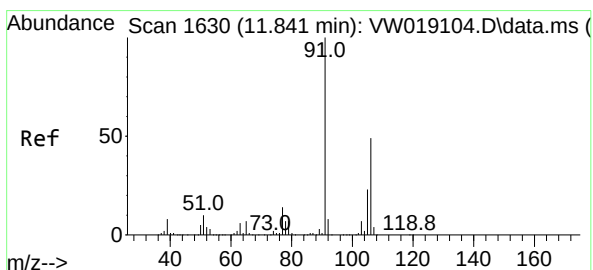
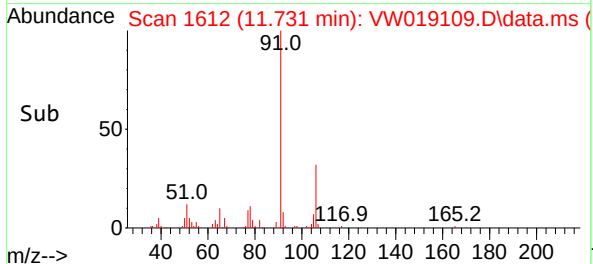
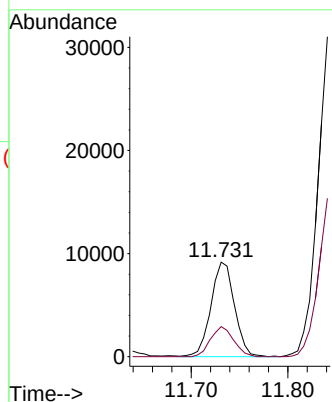
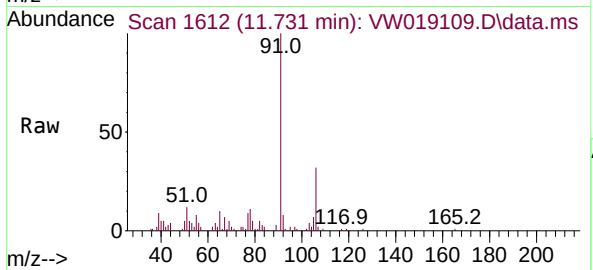




#52  
Ethylbenzene  
Concen: 0.336 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

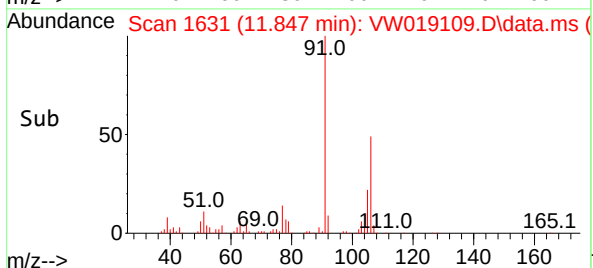
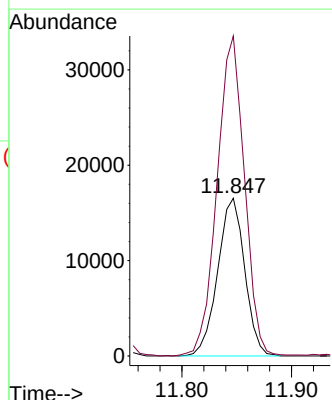
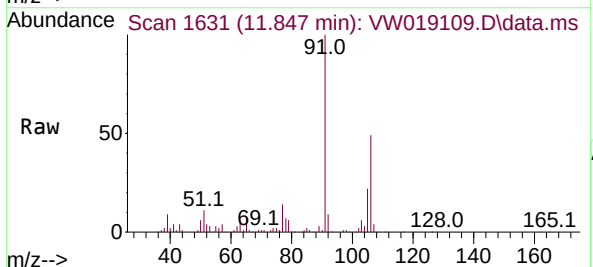
Instrument :  
MSVOA\_W  
ClientSampled :

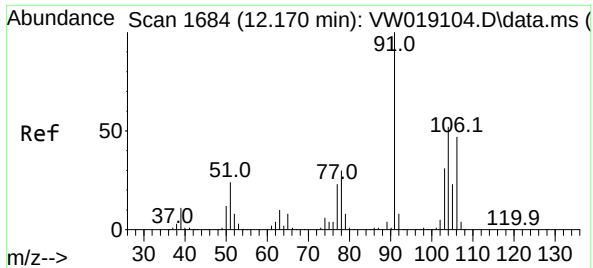
Tgt Ion: 91 Resp: 15491  
Ion Ratio Lower Upper  
91 100  
106 31.7 22.5 41.7



#53  
m,p-Xylene  
Concen: 1.665 ug/L  
RT: 11.847 min Scan# 1631  
Delta R.T. 0.006 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

Tgt Ion:106 Resp: 28305  
Ion Ratio Lower Upper  
106 100  
91 202.9 141.3 262.3

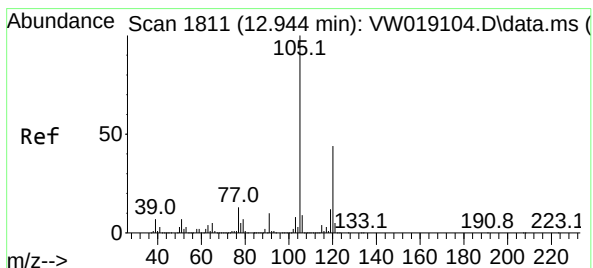
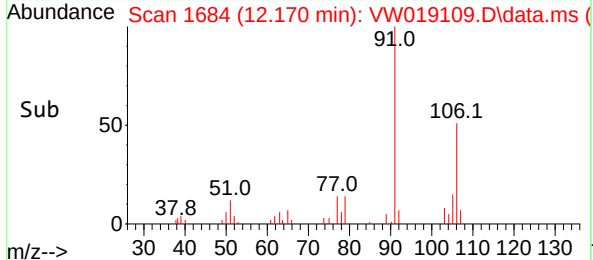
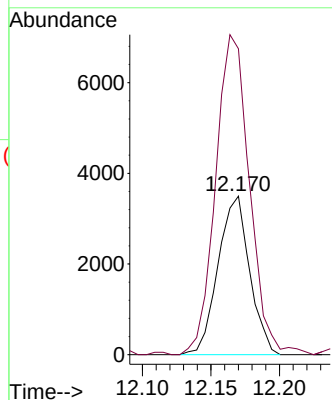
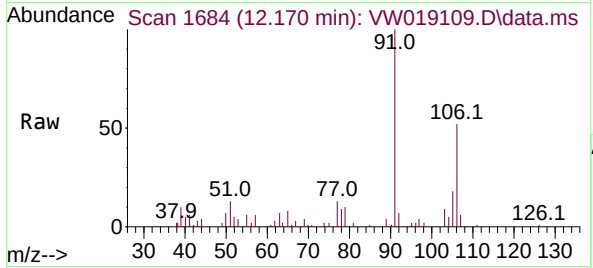




#54  
o-Xylene  
Concen: 0.345 ug/L  
RT: 12.170 min Scan# 1684  
Delta R.T. -0.000 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

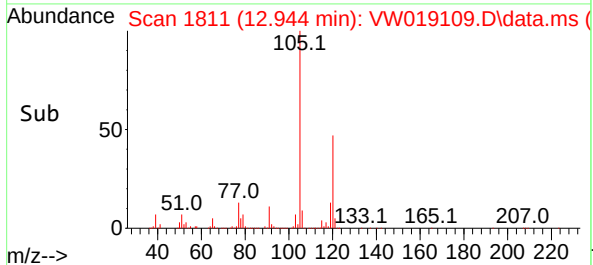
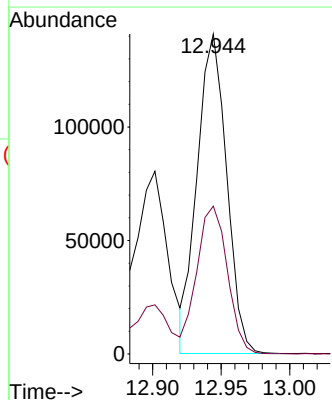
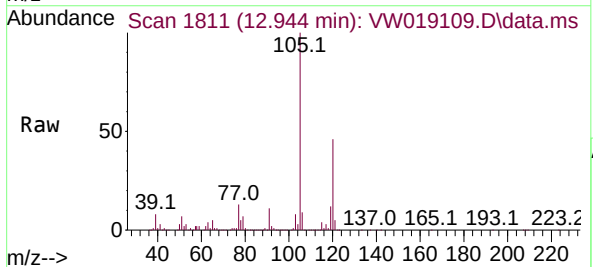
Instrument :  
MSVOA\_W  
ClientSampled :

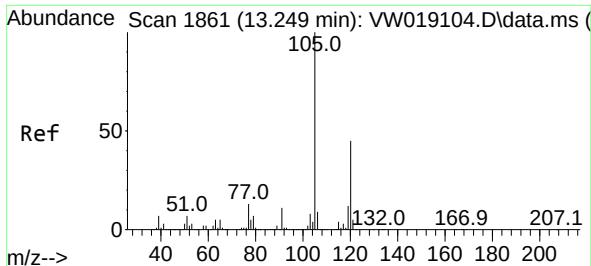
Tgt Ion:106 Resp: 5590  
Ion Ratio Lower Upper  
106 100  
91 192.9 150.0 278.6



#62  
1,3,5-Trimethylbenzene  
Concen: 6.610 ug/L  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

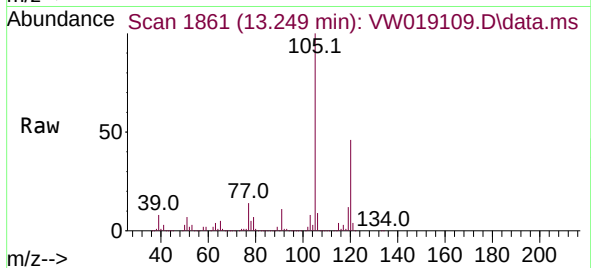
Tgt Ion:105 Resp: 210096  
Ion Ratio Lower Upper  
105 100  
120 48.0 39.0 58.6



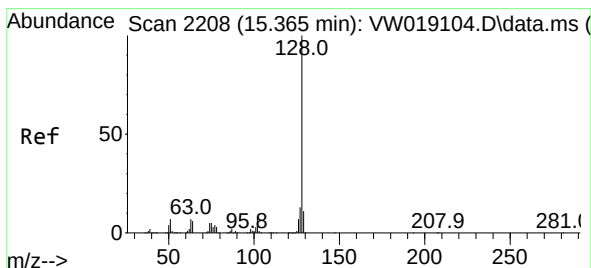
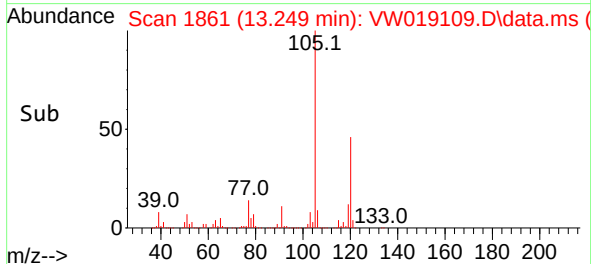
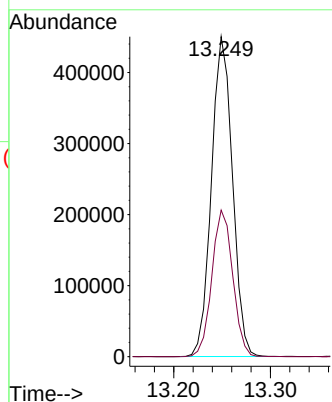


#63  
1,2,4-Trimethylbenzene  
Concen: 21.452 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion:105 Resp: 680682  
Ion Ratio Lower Upper  
105 100  
120 45.5 35.6 53.4



#71  
Naphthalene  
Concen: 4.725 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019109.D  
Acq: 03 Jun 2021 16:10

Tgt Ion:128 Resp: 94366  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 15.8  
129 10.9 9.0 13.6

