

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071321\  
 Data File : VW019467.D  
 Acq On : 13 Jul 2021 13:03  
 Operator : SY/VA  
 Sample : M3010-02  
 Misc : 4.34G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGEE3

Quant Time: Jul 14 02:26:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 14 02:25:50 2021  
 Response via : Initial Calibration

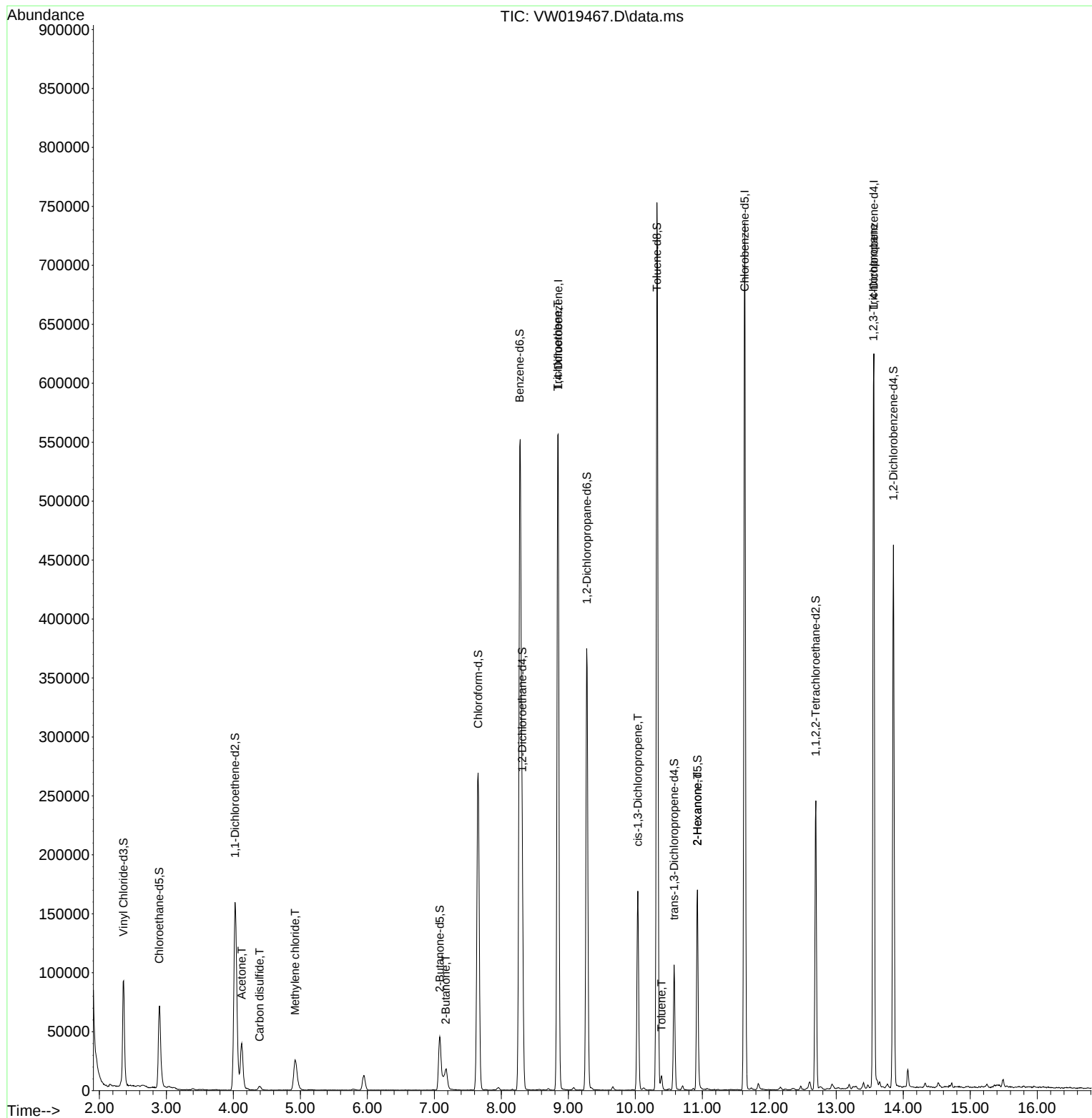
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 473206   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 406491   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 165243   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 109430   | 16.321   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.280%  |
| 7) Chloroethane-d5            | 2.891  | 69    | 97676    | 20.429   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 81.720%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 183101   | 14.154   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 56.600%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 78284    | 40.228   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.460%  |
| 24) Chloroform-d              | 7.653  | 84    | 286685   | 21.926   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 153852   | 21.442   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 85.760%  |
| 32) Benzene-d6                | 8.275  | 84    | 584476   | 24.155   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.600%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 181815   | 24.108   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.440%  |
| 41) Toluene-d8                | 10.323 | 98    | 498392   | 22.845   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 91.400%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 58762    | 18.194   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 72.760%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 59125    | 42.257   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 84.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 123827   | 20.320   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 117629   | 20.176   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.720%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.123  | 43    | 67475    | 47.057   | ug/L   | 88       |
| 14) Carbon disulfide          | 4.391  | 76    | 6614     | 0.334    | ug/L   | 99       |
| 16) Methylene chloride        | 4.922  | 84    | 23243    | 2.464    | ug/L   | 97       |
| 22) 2-Butanone                | 7.171  | 43    | 26853    | 12.103   | ug/L   | 97       |
| 34) Trichloroethene           | 8.842  | 95    | 14201    | 2.187    | ug/L # | 5        |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 3927     | 0.398    | ug/L # | 77       |
| 42) Toluene                   | 10.390 | 91    | 8395     | 0.317    | ug/L   | 94       |
| 48) 2-Hexanone                | 10.927 | 43    | 6909     | 2.493    | ug/L # | 68       |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 20287    | 5.604    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

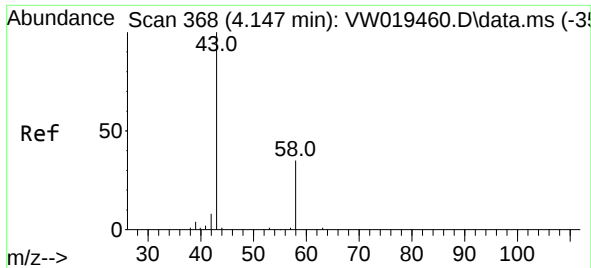
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M3010-02  
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ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Jul 14 02:26:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jul 14 02:25:50 2021  
Response via : Initial Calibration

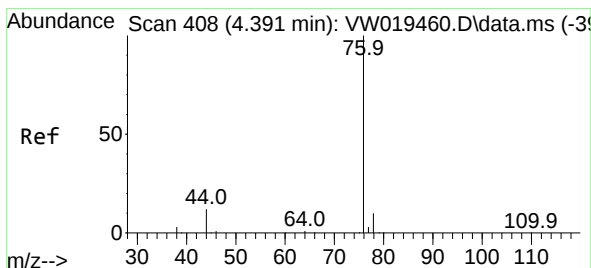
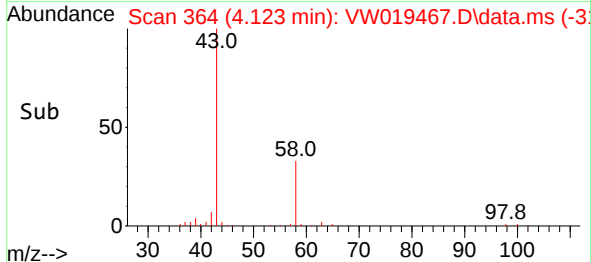
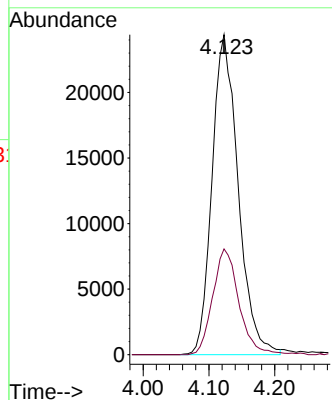
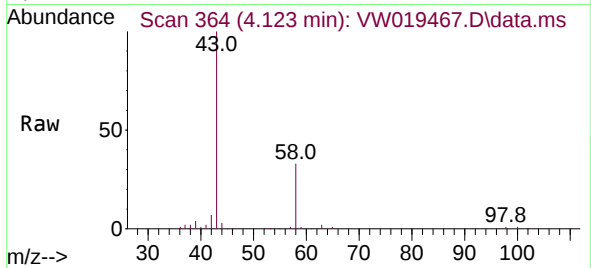




#13  
Acetone  
Concen: 47.057 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.024 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

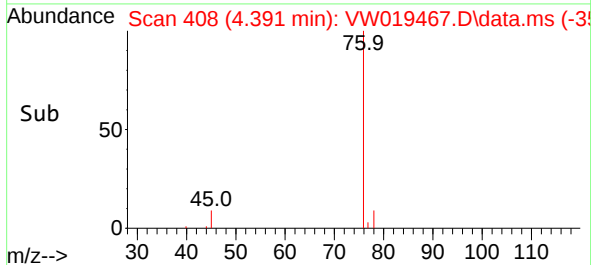
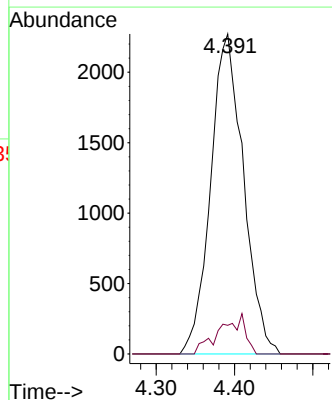
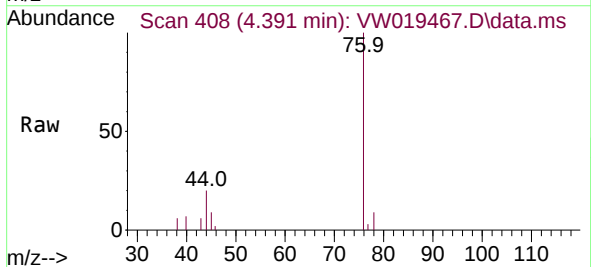
Instrument :  
MSVOA\_W  
ClientSampled :  
BGEE3

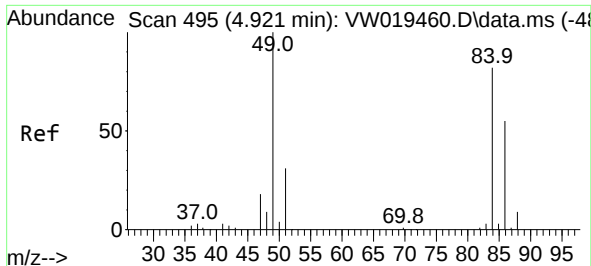
Tgt Ion: 43 Resp: 67475  
Ion Ratio Lower Upper  
43 100  
58 33.0 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.334 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

Tgt Ion: 76 Resp: 6614  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0

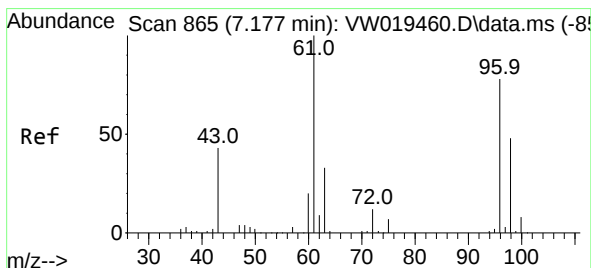
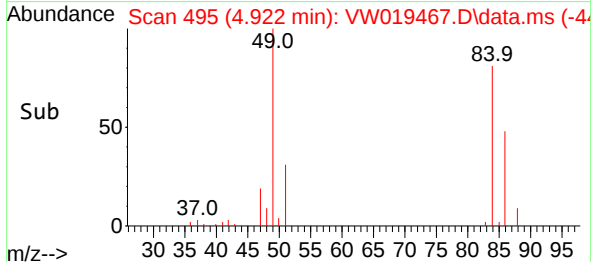
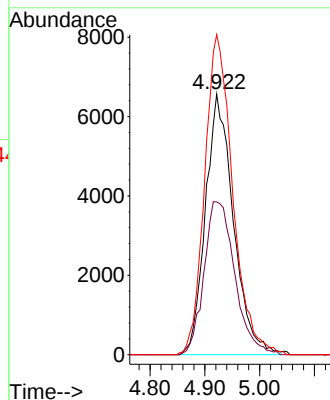
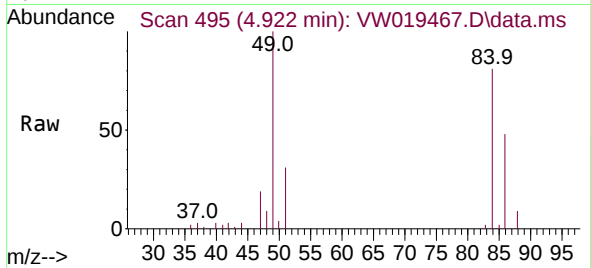




#16  
Methylene chloride  
Concen: 2.464 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

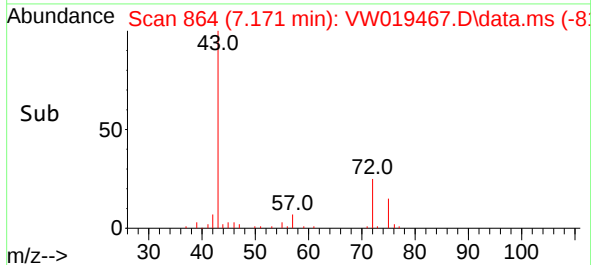
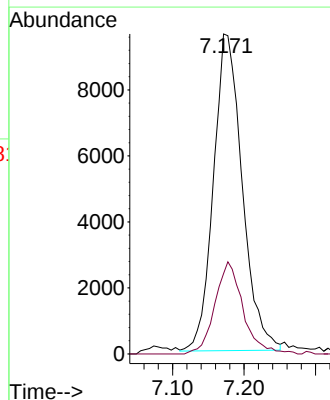
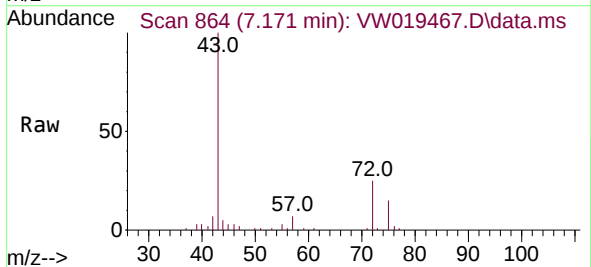
Instrument :  
MSVOA\_W  
ClientSampleId :  
BGEE3

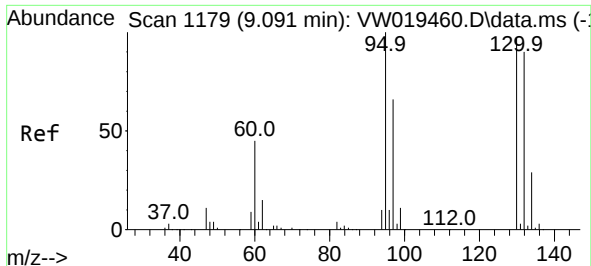
Tgt Ion: 84 Resp: 23243  
Ion Ratio Lower Upper  
84 100  
86 58.6 45.3 84.1  
49 122.7 86.6 160.8



#22  
2-Butanone  
Concen: 12.103 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

Tgt Ion: 43 Resp: 26853  
Ion Ratio Lower Upper  
43 100  
72 28.4 14.9 44.7

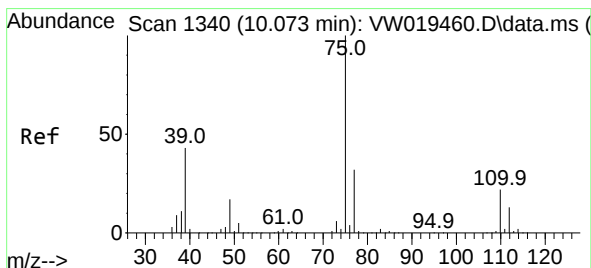
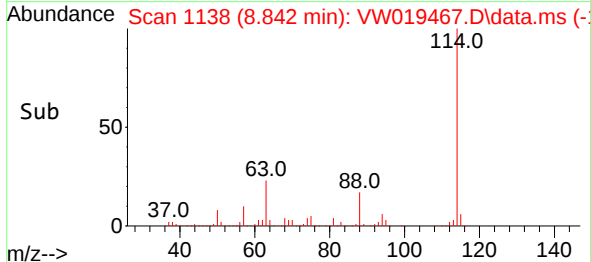
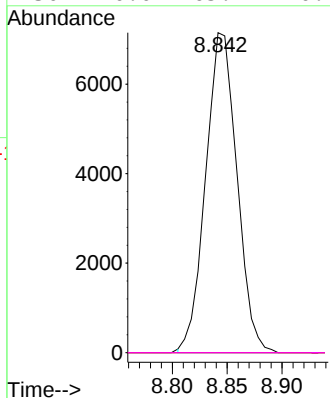
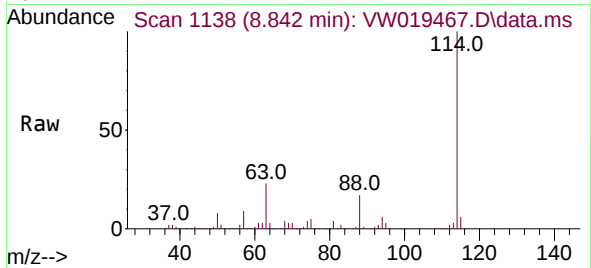




#34  
Trichloroethene  
Concen: 2.187 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

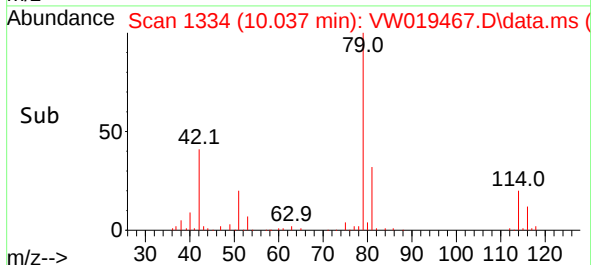
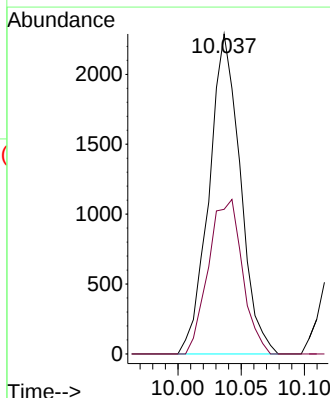
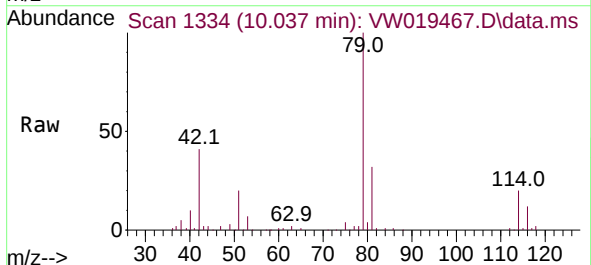
Instrument :  
MSVOA\_W  
ClientSampleId :  
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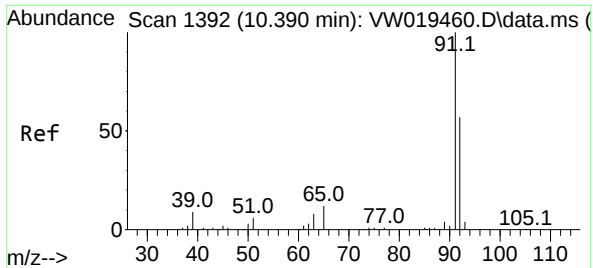
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 14201  |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 47.3  | 87.8#  |
| 132      | 0.0   | 71.0  | 131.8# |
| 130      | 0.0   | 65.1  | 120.9# |



#39  
cis-1,3-Dichloropropene  
Concen: 0.398 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3927  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 45.2  | 22.6  | 42.0# |

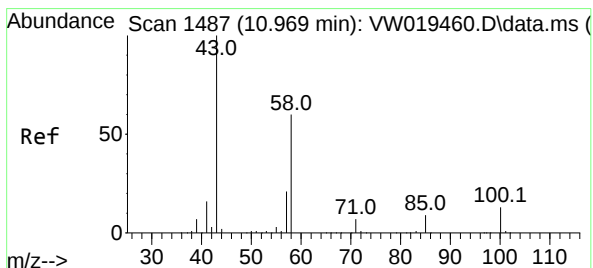
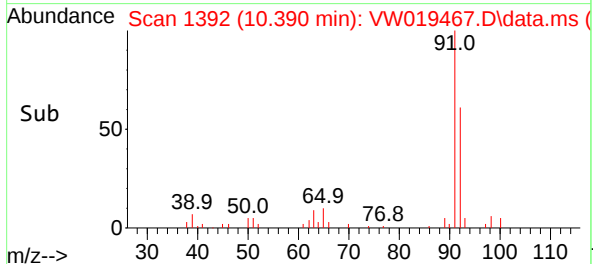
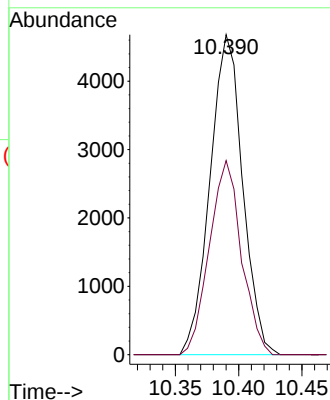
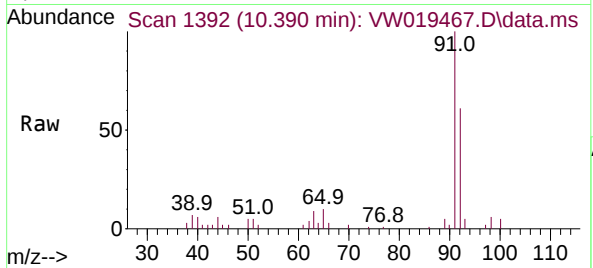




#42  
Toluene  
Concen: 0.317 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

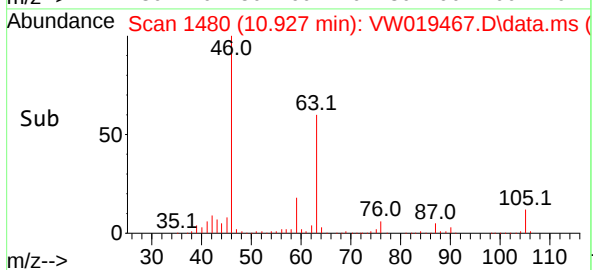
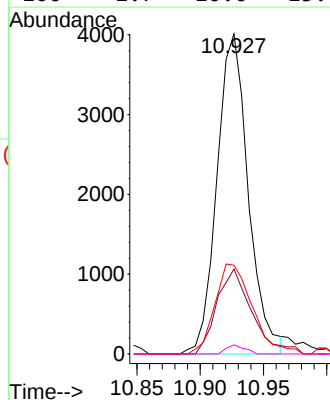
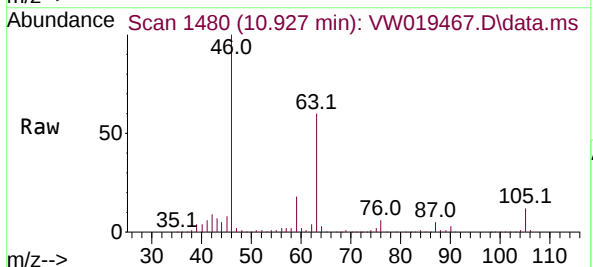
Instrument :  
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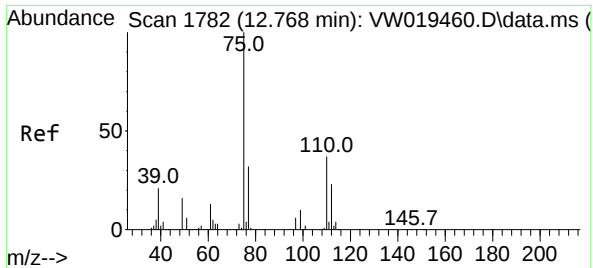
Tgt Ion: 91 Resp: 8395  
Ion Ratio Lower Upper  
91 100  
92 60.7 39.5 73.3



#48  
2-Hexanone  
Concen: 2.493 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.042 min  
Lab File: VW019467.D  
Acq: 13 Jul 2021 13:03

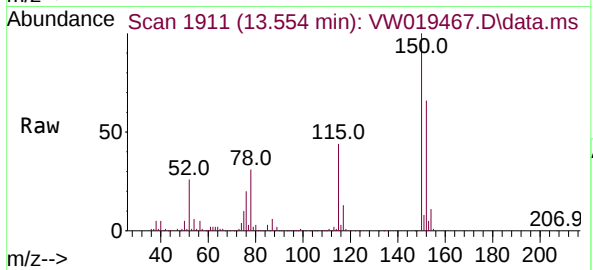
Tgt Ion: 43 Resp: 6909  
Ion Ratio Lower Upper  
43 100  
58 29.8 42.7 64.1#  
57 33.5 15.8 23.8#  
100 1.7 10.0 15.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 5.604 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.787 min  
 Lab File: VW019467.D  
 Acq: 13 Jul 2021 13:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGEE3



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 20287 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 33.6  | 25.3  | 37.9  |
| 110       | 2.8   | 32.6  | 48.8# |

