

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW043021\  
 Data File : VW018882.D  
 Acq On : 30 Apr 2021 15:33  
 Operator : SY/VA  
 Sample : M2232-09  
 Misc : 3.33G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 30 22:56:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 30 22:53:19 2021  
 Response via : Initial Calibration

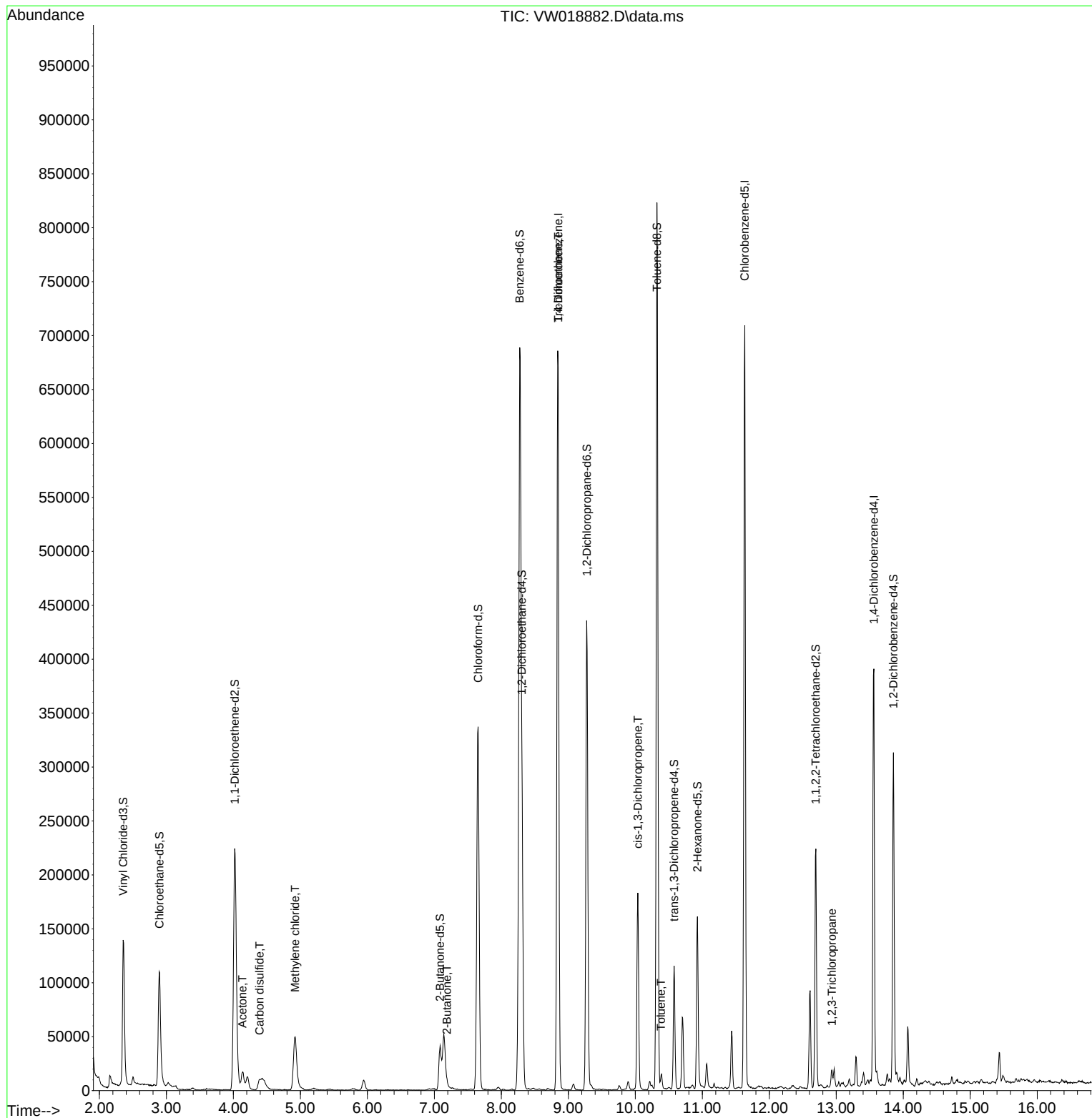
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 581499     | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 386227     | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 98458      | 25.00    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 164932     | 22.11    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 88.44%   |        |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 142788     | 24.70    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 98.80%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 247056     | 16.68    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 66.72%   |        |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 68511      | 35.26    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 70.52%   |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 343875     | 22.53    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 90.12%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 186202     | 21.84    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.36%   |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 691741     | 31.70    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 126.80%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 199736     | 30.85    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 123.40%# |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 540285     | 26.55    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 106.20%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 61975      | 21.06    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 84.24%   |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 57011      | 49.18    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 98.36%   |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 109270     | 19.92    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 79.68%   |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 75057      | 22.25    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.00%   |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 29500      | 19.82    | ug/L   | 82       |
| 14) Carbon disulfide          | 4.391          | 76   | 20423      | 0.92     | ug/L # | 94       |
| 16) Methylene chloride        | 4.922          | 84   | 42644      | 4.44     | ug/L   | 95       |
| 22) 2-Butanone                | 7.190          | 43   | 8258       | 4.00     | ug/L   | 74       |
| 34) Trichloroethene           | 8.848          | 95   | 17677      | 2.87     | ug/L # | 5        |
| 39) cis-1,3-Dichloropropene   | 10.037         | 75   | 5031       | 0.57     | ug/L   | 84       |
| 42) Toluene                   | 10.384         | 91   | 9762       | 0.38     | ug/L   | 92       |
| 61) 1,2,3-Trichloropropane    | 12.932         | 75   | 1515       | 0.73     | ug/L # | 52       |
| -----                         |                |      |            |          |        |          |

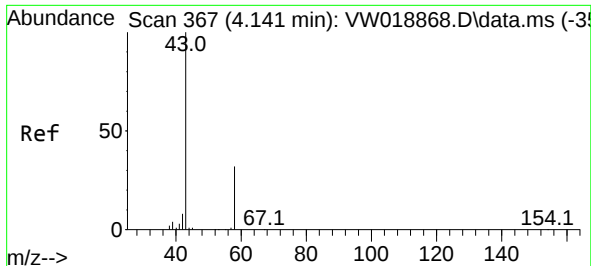
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Apr 30 22:56:15 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Apr 30 22:53:19 2021  
Response via : Initial Calibration

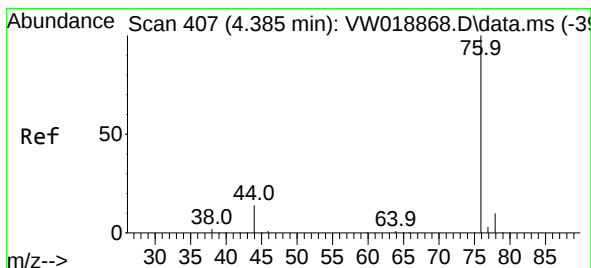
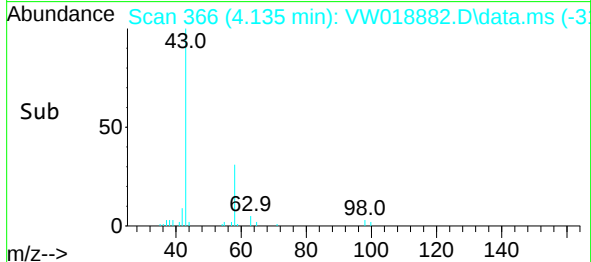
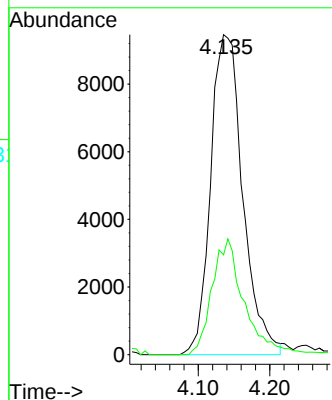
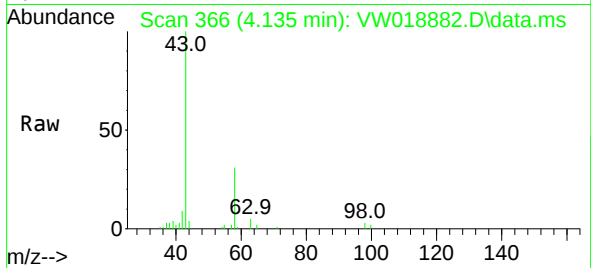




#13  
Acetone  
Concen: 19.82 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

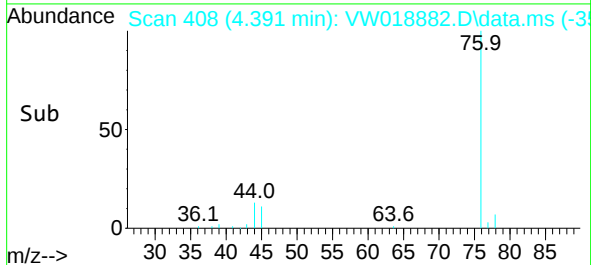
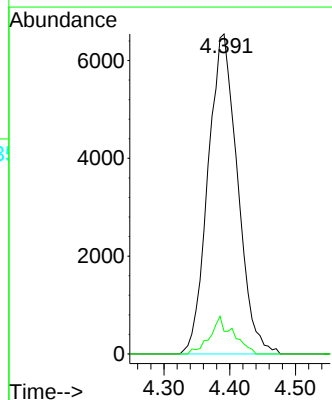
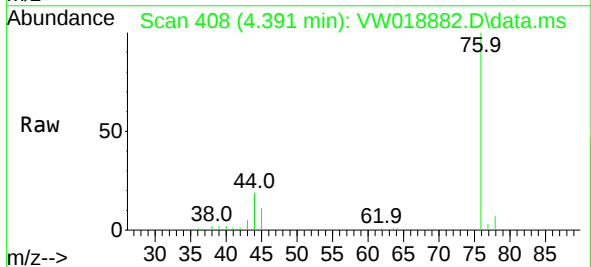
Instrument :  
MSVOA\_W  
ClientSampled :

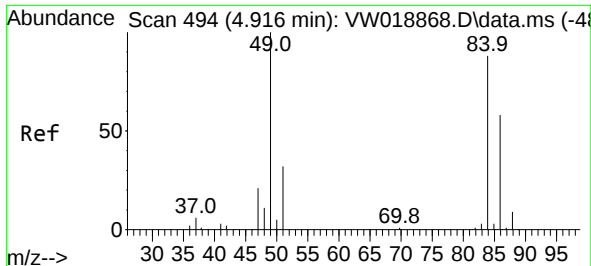
Tgt Ion: 43 Resp: 29500  
Ion Ratio Lower Upper  
43 100  
58 36.0 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.92 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

Tgt Ion: 76 Resp: 20423  
Ion Ratio Lower Upper  
76 100  
78 7.1 7.4 11.0#

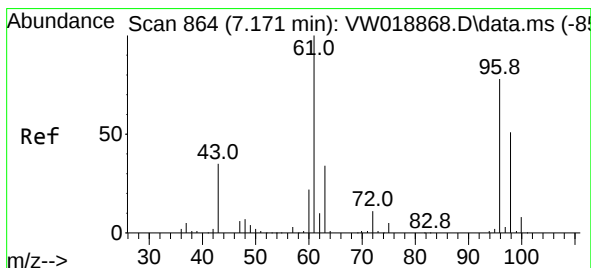
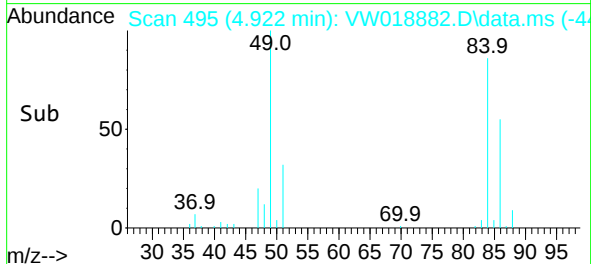
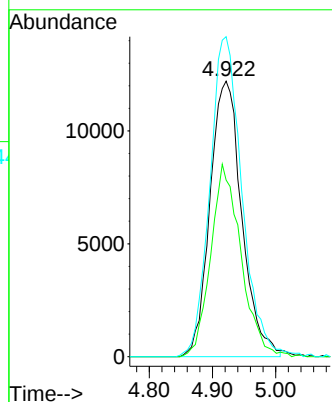
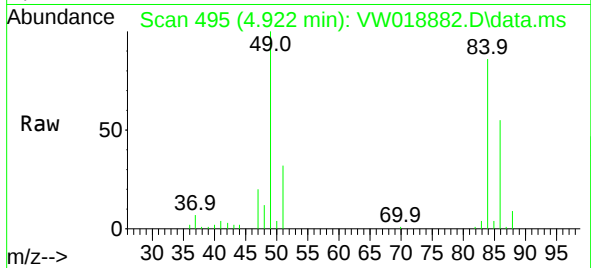




#16  
Methylene chloride  
Concen: 4.44 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

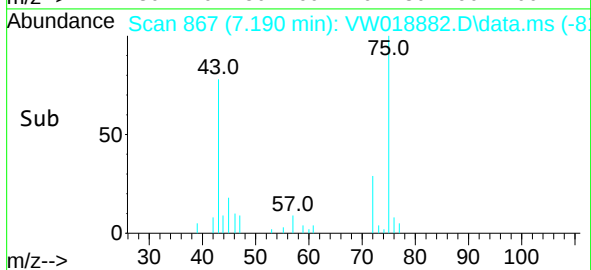
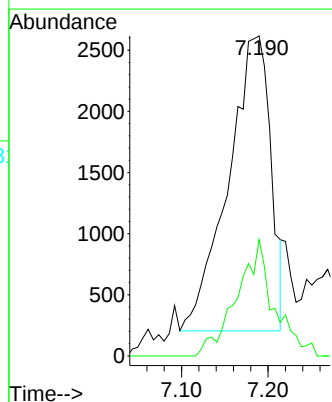
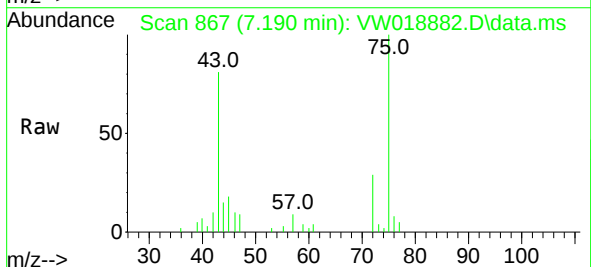
Instrument :  
MSVOA\_W  
ClientSampled :

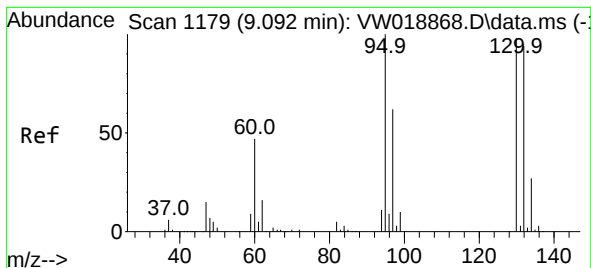
Tgt Ion: 84 Resp: 42644  
Ion Ratio Lower Upper  
84 100  
86 64.1 45.3 84.1  
49 116.2 86.6 160.8



#22  
2-Butanone  
Concen: 4.00 ug/L  
RT: 7.190 min Scan# 867  
Delta R.T. 0.018 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

Tgt Ion: 43 Resp: 8258  
Ion Ratio Lower Upper  
43 100  
72 15.5 14.9 44.7

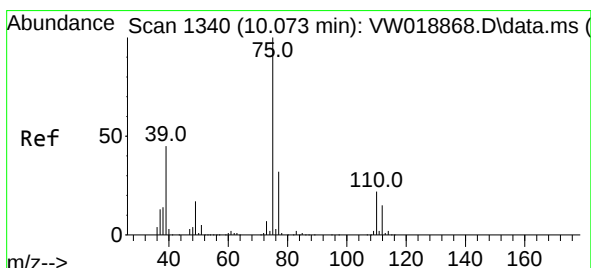
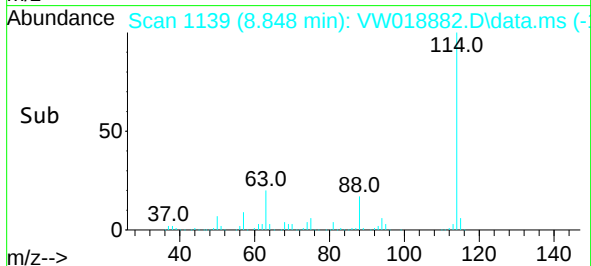
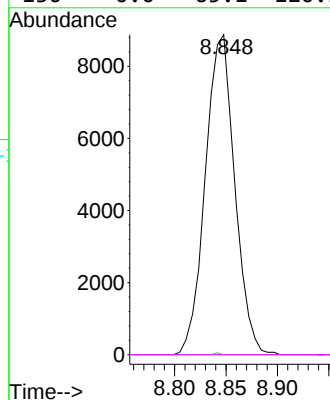
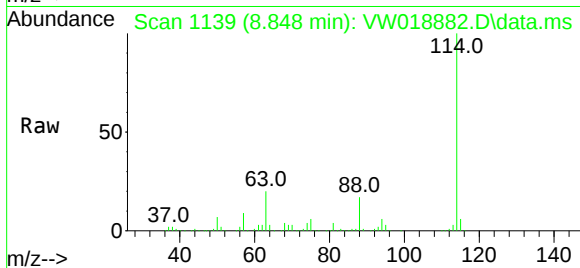




#34  
Trichloroethene  
Concen: 2.87 ug/L  
RT: 8.848 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

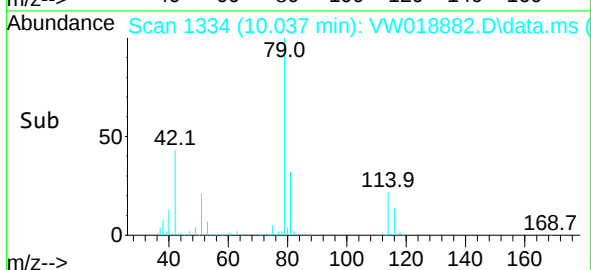
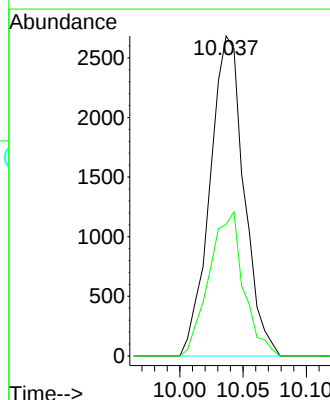
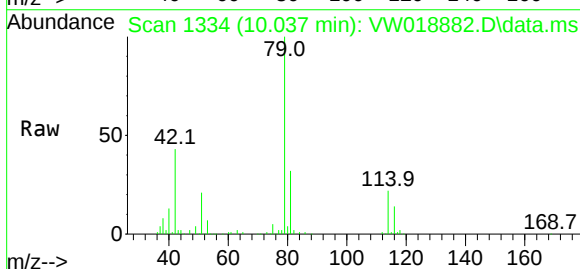
Instrument :  
MSVOA\_W  
ClientSampled :

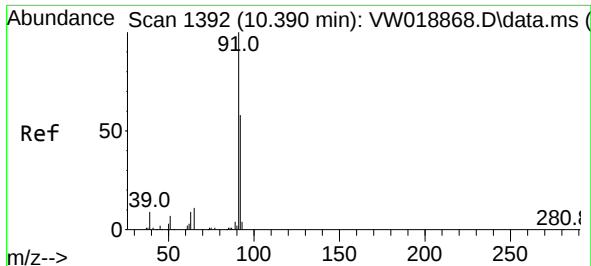
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 17677  |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 47.3  | 87.8#  |
| 132      | 0.0   | 71.0  | 131.8# |
| 130      | 0.0   | 65.1  | 120.9# |



#39  
cis-1,3-Dichloropropene  
Concen: 0.57 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5031  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 41.1  | 22.6  | 42.0  |

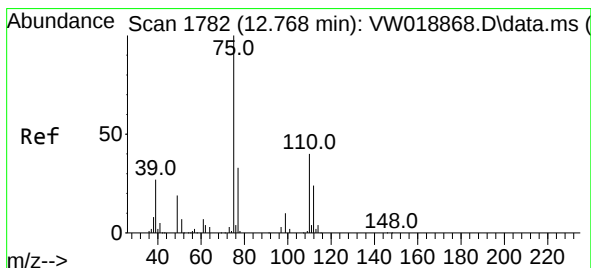
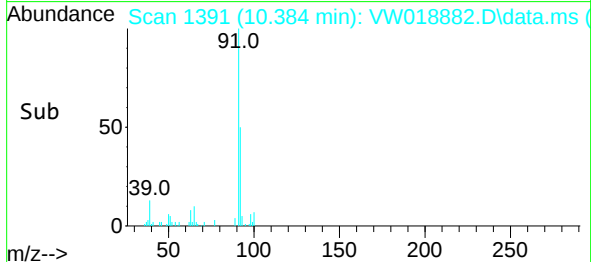
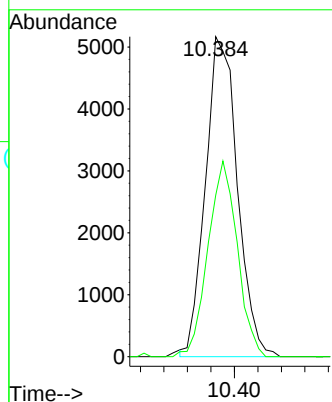
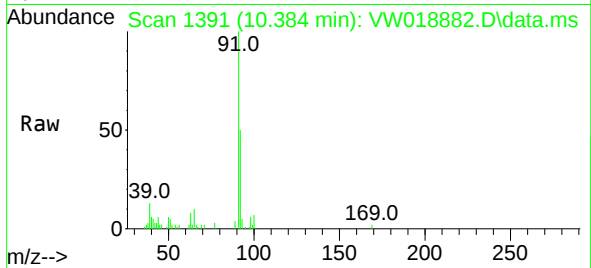




#42  
Toluene  
Concen: 0.38 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 91 Resp: 9762  
Ion Ratio Lower Upper  
91 100  
92 50.5 39.5 73.3



#61  
1,2,3-Trichloropropane  
Concen: 0.73 ug/L  
RT: 12.932 min Scan# 1809  
Delta R.T. 0.165 min  
Lab File: VW018882.D  
Acq: 30 Apr 2021 15:33

Tgt Ion: 75 Resp: 1515  
Ion Ratio Lower Upper  
75 100  
77 17.6 25.3 37.9#  
110 0.0 32.6 48.8#

