

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042321\  
 Data File : VW018767.D  
 Acq On : 23 Apr 2021 18:57  
 Operator : SY/VA  
 Sample : M2165-16  
 Misc : 5.98G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 24 00:20:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 24 00:16:05 2021  
 Response via : Initial Calibration

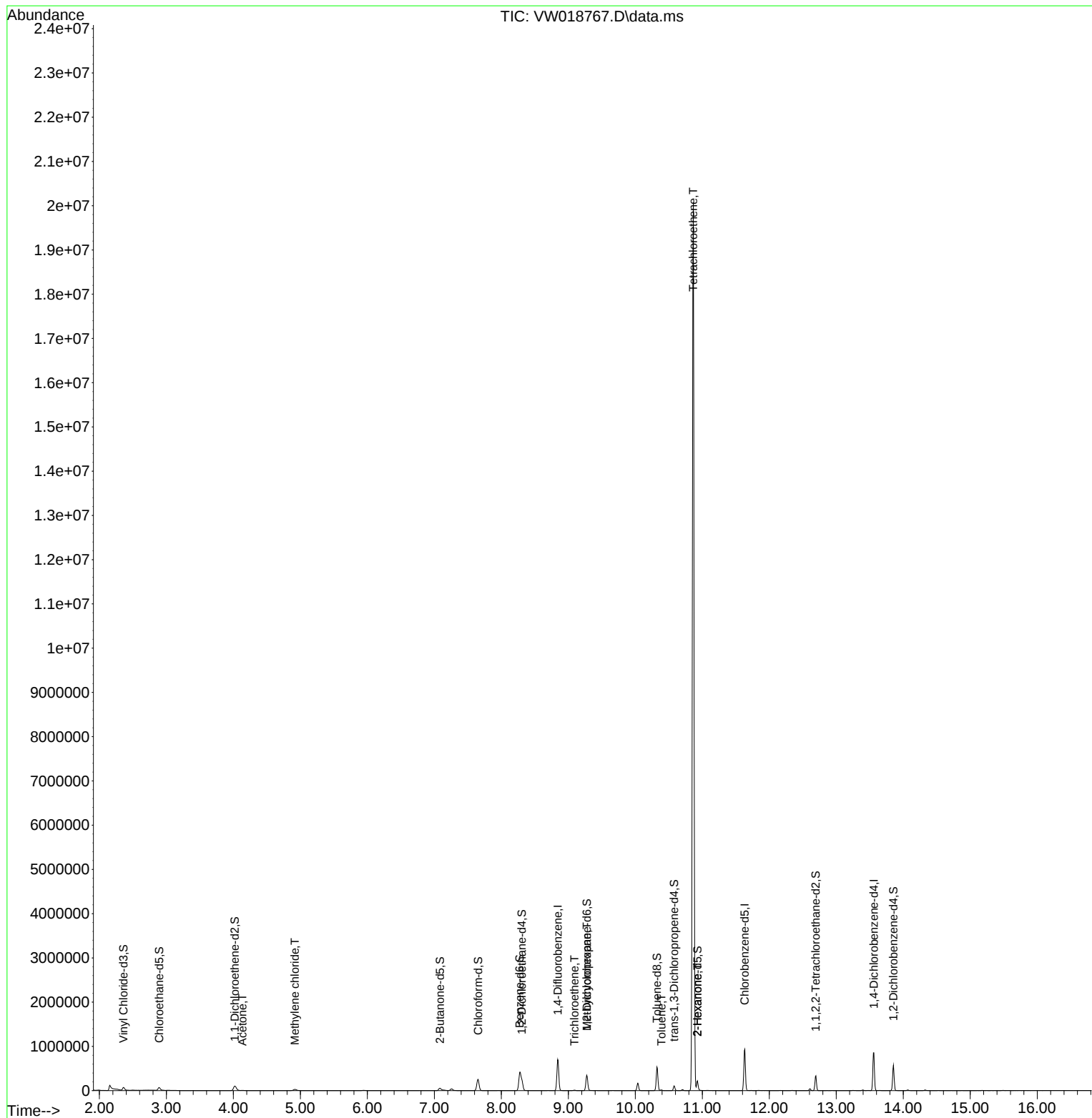
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 582099   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 506388   | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 224280   | 25.00    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 81693    | 9.24     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 36.96%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 80553    | 10.27    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 41.08%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 115284   | 7.50     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 30.00%#  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 90498    | 44.94    | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 89.88%   |
| 24) Chloroform-d              | 7.653  | 84    | 259100   | 16.22    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 64.88%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 158260   | 17.62    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 70.48%   |
| 32) Benzene-d6                | 8.275  | 84    | 431550   | 14.53    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 58.12%   |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 159816   | 17.85    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 71.40%   |
| 41) Toluene-d8                | 10.323 | 98    | 354881   | 13.06    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 52.24%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 59185    | 15.53    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 62.12%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 77453    | 49.76    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 99.52%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 161734   | 21.63    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.52%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 137425   | 17.44    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 69.76%#  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.135  | 43    | 10937    | 7.48     | ug/L   | 85       |
| 16) Methylene chloride        | 4.915  | 84    | 23891    | 2.50     | ug/L   | 93       |
| 34) Trichloroethene           | 9.092  | 95    | 3267     | 0.40     | ug/L   | 86       |
| 35) Methylcyclohexane         | 9.274  | 83    | 39635    | 2.79     | ug/L # | 20       |
| 42) Toluene                   | 10.390 | 91    | 11182    | 0.33     | ug/L   | 94       |
| 46) Tetrachloroethene         | 10.866 | 164   | 4350446  | 752.02   | ug/L   | 97       |
| 48) 2-Hexanone                | 10.927 | 43    | 8001     | 2.56     | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

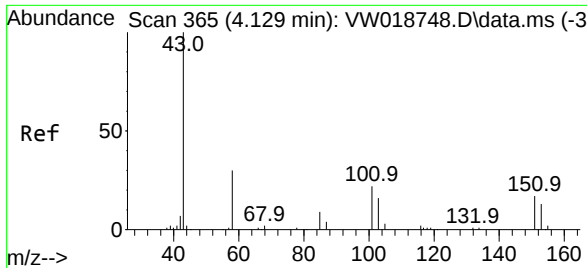
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042321\  
Data File : VW018767.D  
Acq On : 23 Apr 2021 18:57  
Operator : SY/VA  
Sample : M2165-16  
Misc : 5.98G/10ML/MSVOA\_W/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Apr 24 00:20:09 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Apr 24 00:16:05 2021  
Response via : Initial Calibration

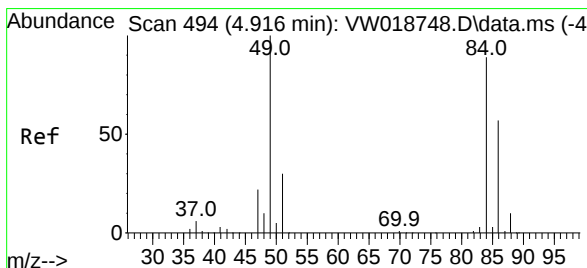
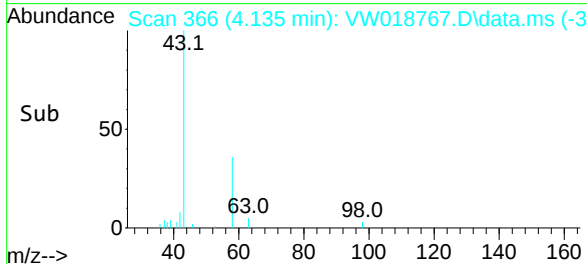
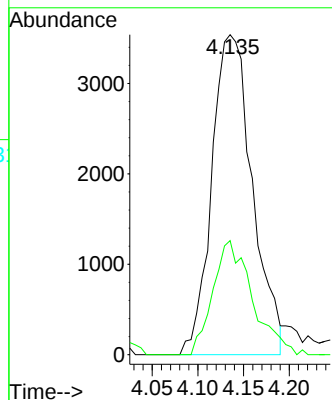
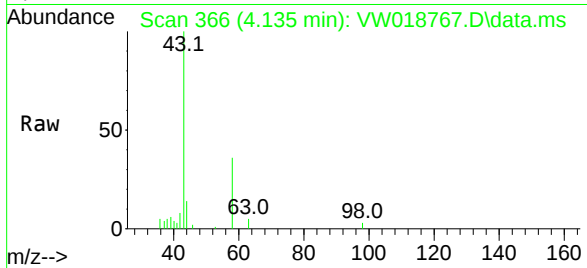




#13  
Acetone  
Concen: 7.48 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VW018767.D  
Acq: 23 Apr 2021 18:57

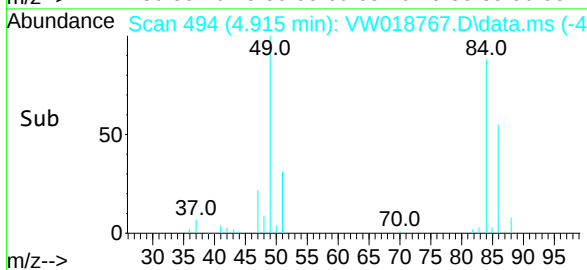
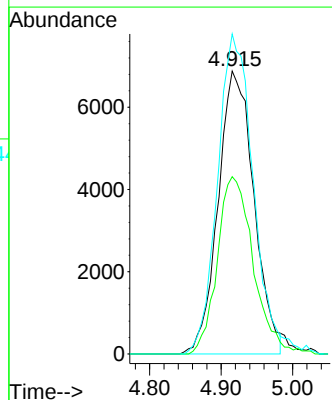
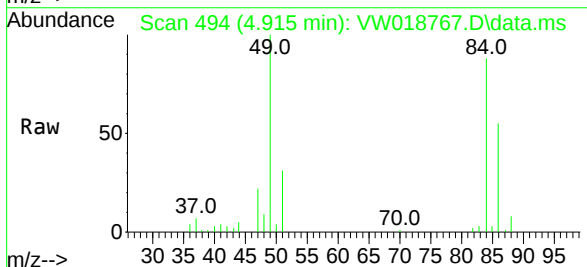
Instrument :  
MSVOA\_W  
ClientSampled :

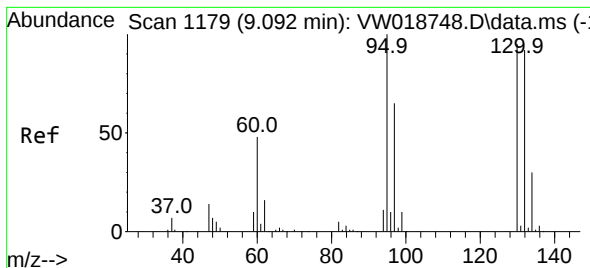
Tgt Ion: 43 Resp: 10937  
Ion Ratio Lower Upper  
43 100  
58 34.6 0.0 53.8



#16  
Methylene chloride  
Concen: 2.50 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW018767.D  
Acq: 23 Apr 2021 18:57

Tgt Ion: 84 Resp: 23891  
Ion Ratio Lower Upper  
84 100  
86 62.7 45.3 84.1  
49 113.1 86.6 160.8



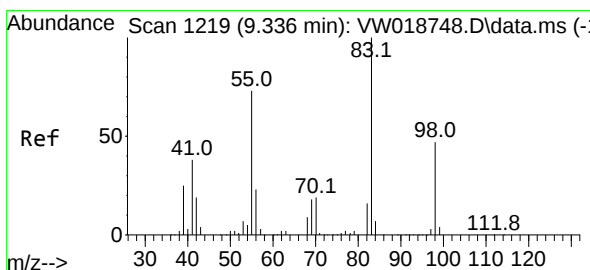
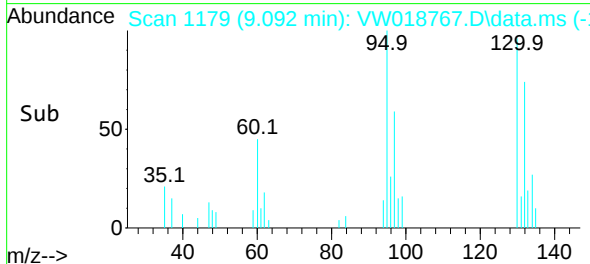
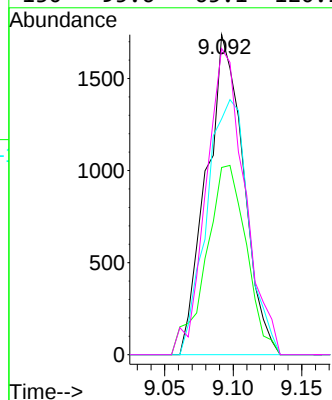
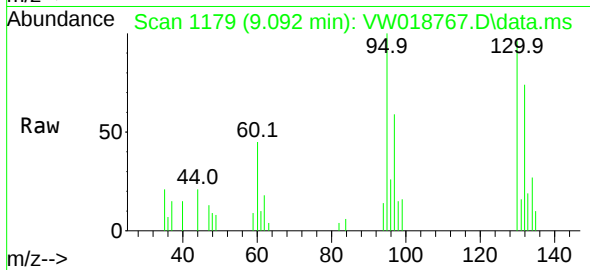


#34  
Trichloroethene  
Concen: 0.40 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW018767.D  
Acq: 23 Apr 2021 18:57

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 95 Resp: 3267

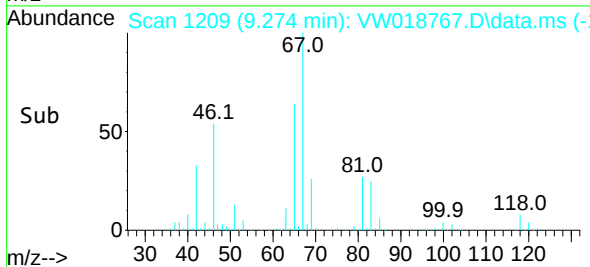
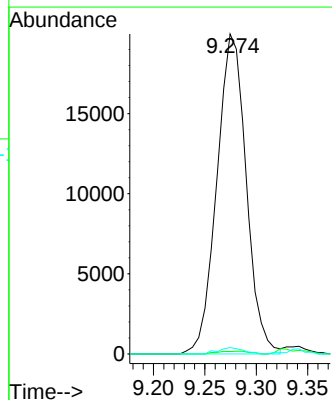
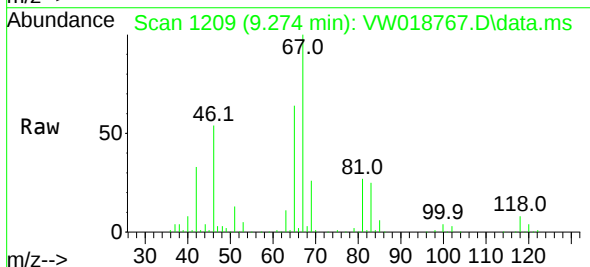
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 58.5  | 47.3  | 87.8  |
| 132 | 73.7  | 71.0  | 131.8 |
| 130 | 95.6  | 65.1  | 120.9 |

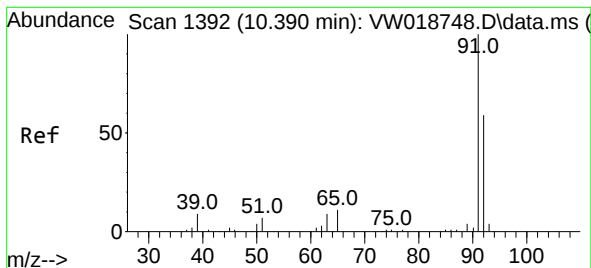


#35  
Methylcyclohexane  
Concen: 2.79 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW018767.D  
Acq: 23 Apr 2021 18:57

Tgt Ion: 83 Resp: 39635

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.9   | 58.9  | 88.3# |
| 98  | 1.7   | 40.1  | 60.1# |





#42

Toluene

Concen: 0.33 ug/L

RT: 10.390 min Scan# 1392

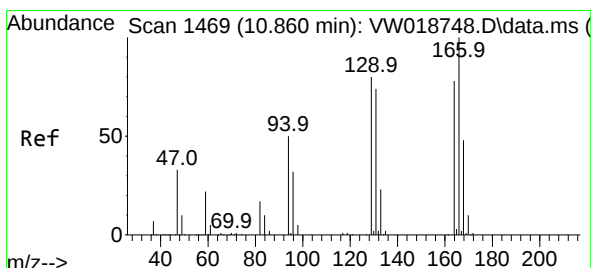
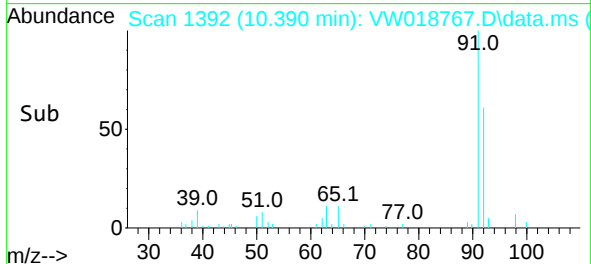
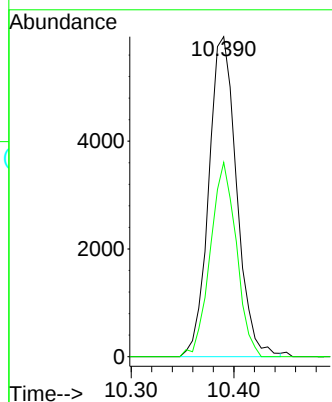
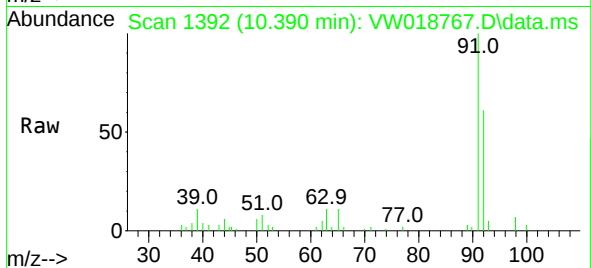
Delta R.T. -0.000 min

Lab File: VW018767.D

Acq: 23 Apr 2021 18:57

Tgt Ion: 91 Resp: 11182

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 60.7  | 39.5  | 73.3  |



#46

Tetrachloroethene

Concen: 752.02 ug/L

RT: 10.866 min Scan# 1470

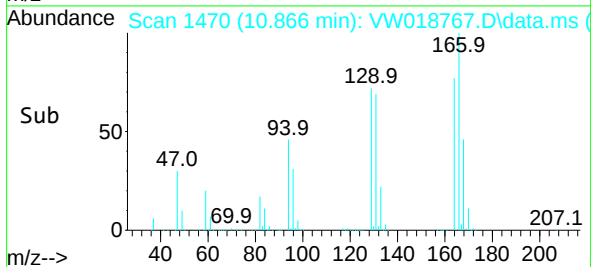
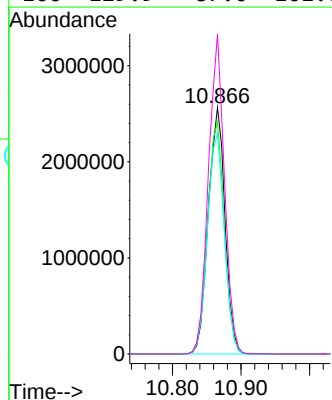
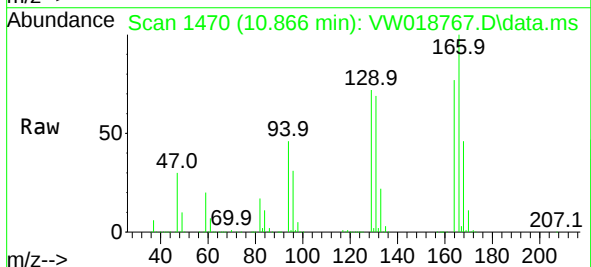
Delta R.T. 0.006 min

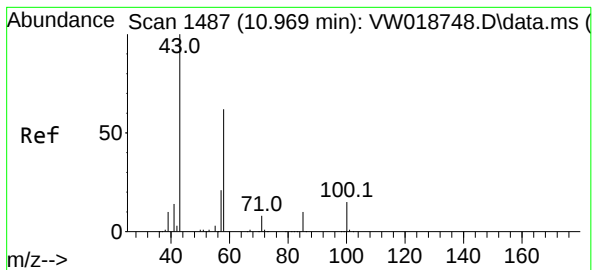
Lab File: VW018767.D

Acq: 23 Apr 2021 18:57

Tgt Ion: 164 Resp: 4350446

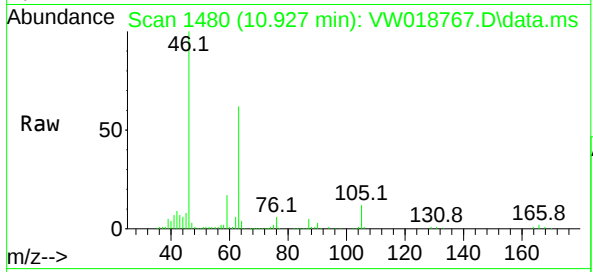
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.0  | 66.7  | 123.9 |
| 131 | 89.4  | 61.1  | 113.5 |
| 166 | 129.9 | 87.0  | 161.6 |





#48  
 2-Hexanone  
 Concen: 2.56 ug/L  
 RT: 10.927 min Scan# 1480  
 Delta R.T. -0.043 min  
 Lab File: VW018767.D  
 Acq: 23 Apr 2021 18:57

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 43 Resp: 8001

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 27.6  | 42.7  | 64.1# |
| 57  | 29.6  | 15.8  | 23.8# |
| 100 | 0.0   | 10.0  | 15.0# |

