

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV112024\  
 Data File : VV038215.D  
 Acq On : 20 Nov 2024 15:09  
 Operator : SY/MD  
 Sample : P4883-02  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3J8

Quant Time: Nov 21 01:49:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 21 01:41:56 2024  
 Response via : Initial Calibration

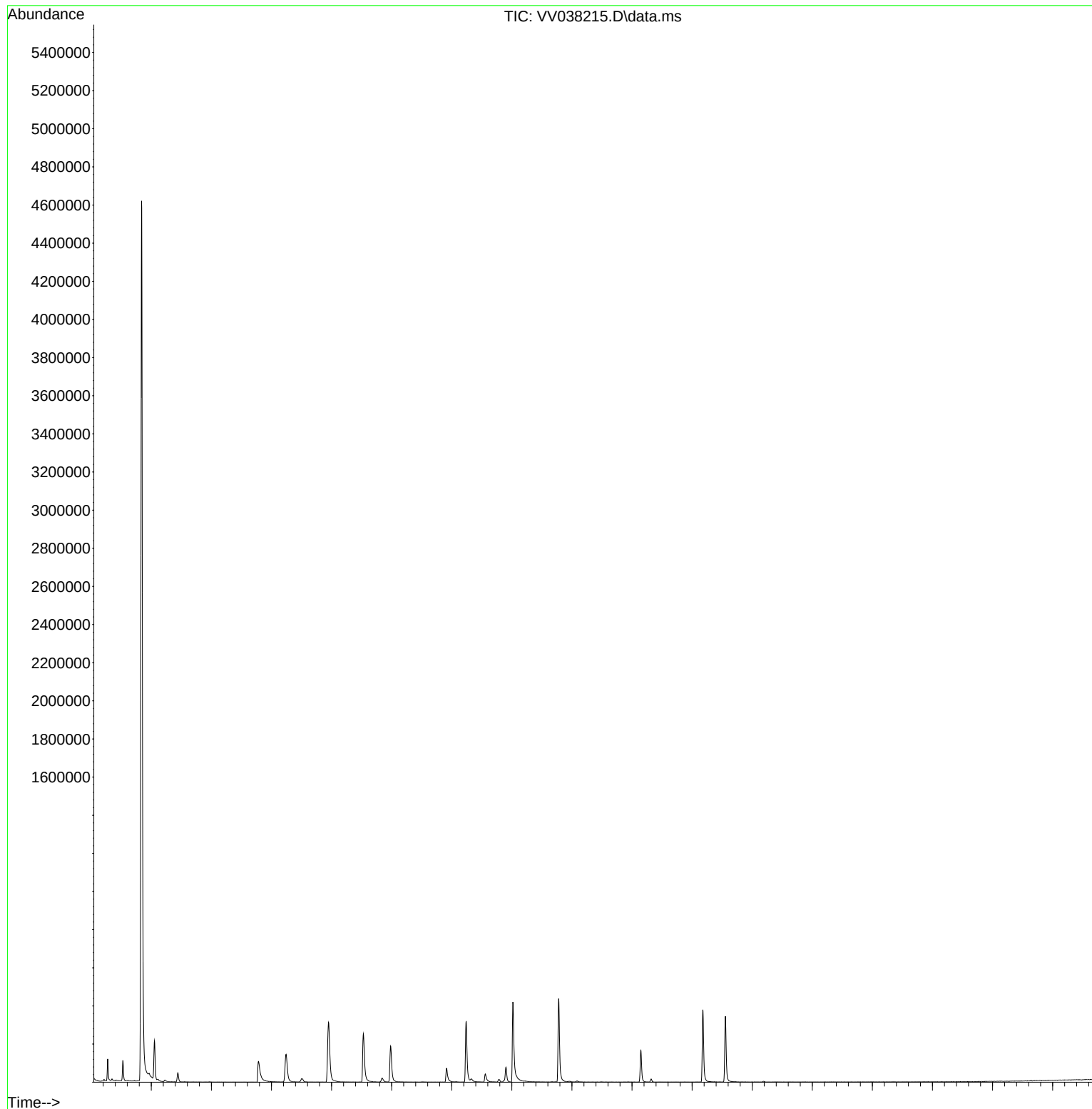
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 242148   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.779  | 117   | 266064   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152   | 110086   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 74968    | 4.039    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 80.800%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 69645    | 4.639    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 92.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 33276    | 4.166    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 83.400%  |
| 20) 2-Butanone-d5             | 3.783  | 46    | 181685   | 48.933   | ug/L  | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 97.860%  |
| 24) Chloroform-d              | 4.243  | 84    | 167216   | 4.642    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 84501    | 5.228    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 104.600% |
| 32) Benzene-d6                | 4.953  | 84    | 293510   | 4.268    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 85.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 100223   | 4.736    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 94.800%  |
| 41) Toluene-d8                | 7.239  | 98    | 233486   | 3.670    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 73.400%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 31953    | 4.062    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 81.200%  |
| 46) 2-Hexanone-d5             | 8.017  | 63    | 159185   | 52.054   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 104.100% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 86205    | 4.799    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 96.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 98431    | 5.248    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 105.000% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 3) Chloromethane              | 1.211  | 50    | 5117     | 0.259    | ug/L  | 97       |
| 16) Methylene chloride        | 2.442  | 84    | 19606    | 0.994    | ug/L  | 92       |
| 29) 1,1,1-Trichloroethane     | 4.510  | 97    | 17502    | 0.548    | ug/L  | 96       |
| 34) Trichloroethene           | 5.844  | 95    | 8320     | 0.408    | ug/L  | 91       |
| 47) Tetrachloroethene         | 7.902  | 164   | 19014    | 1.161    | ug/L  | 97       |
| 51) Chlorobenzene             | 8.815  | 112   | 7310     | 0.134    | ug/L  | 91       |
| -----                         |        |       |          |          |       |          |

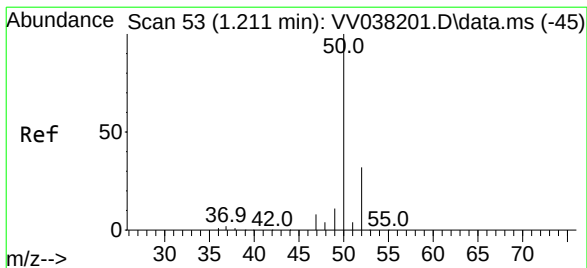
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV112024\  
Data File : VV038215.D  
Acq On : 20 Nov 2024 15:09  
Operator : SY/MD  
Sample : P4883-02  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG3J8

Quant Time: Nov 21 01:49:45 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 21 01:41:56 2024  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.259 ug/L

RT: 1.211 min Scan# 53

Delta R.T. -0.000 min

Lab File: VV038215.D

Acq: 20 Nov 2024 15:09

Instrument :

MSVOA\_V

ClientSampleId :

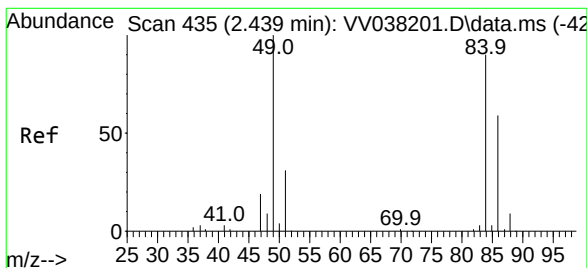
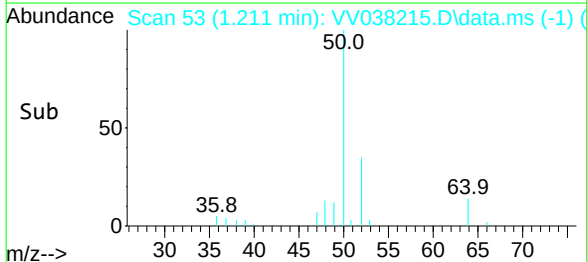
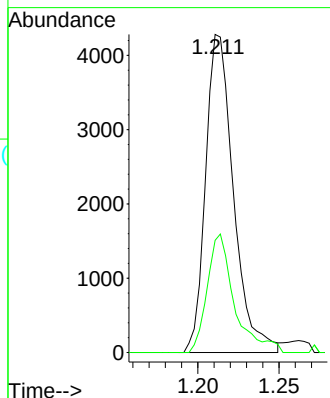
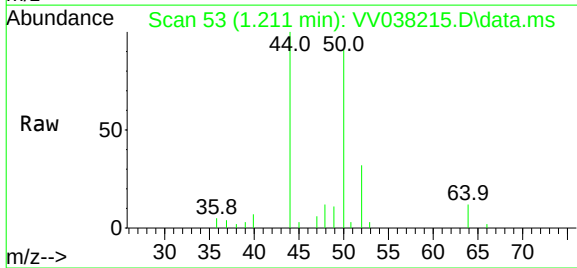
BG3J8

Tgt Ion: 50 Resp: 5117

Ion Ratio Lower Upper

50 100

52 35.3 23.5 43.7



#16

Methylene chloride

Concen: 0.994 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038215.D

Acq: 20 Nov 2024 15:09

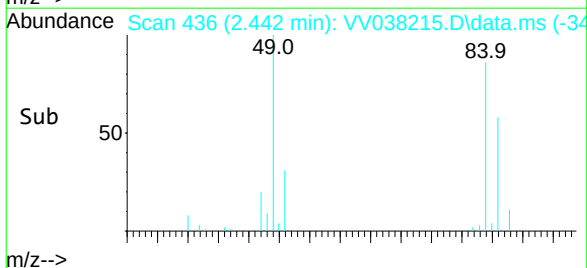
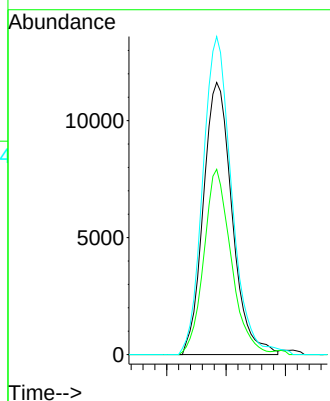
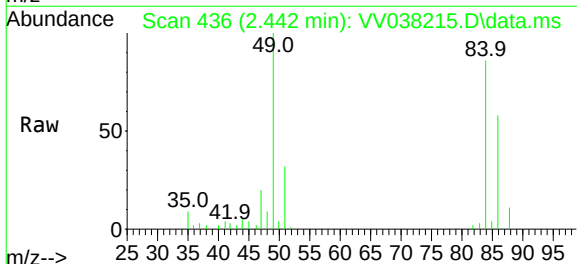
Tgt Ion: 84 Resp: 19606

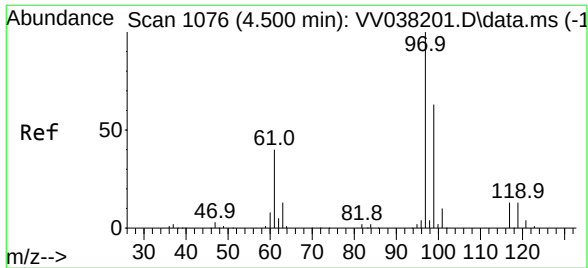
Ion Ratio Lower Upper

84 100

86 68.1 44.2 82.2

49 116.9 74.9 139.1

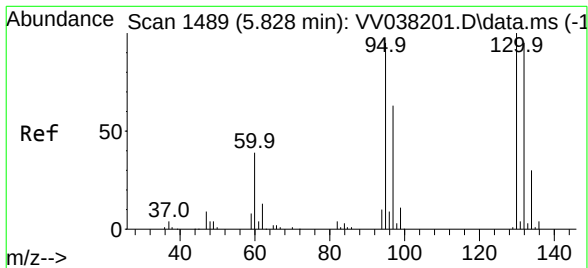
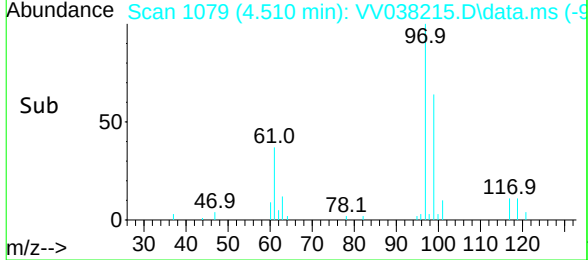
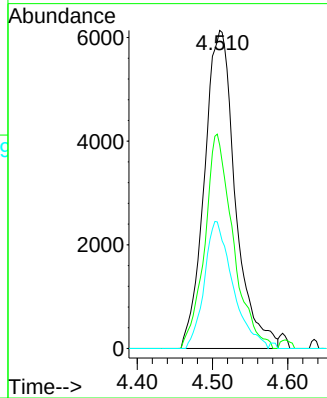
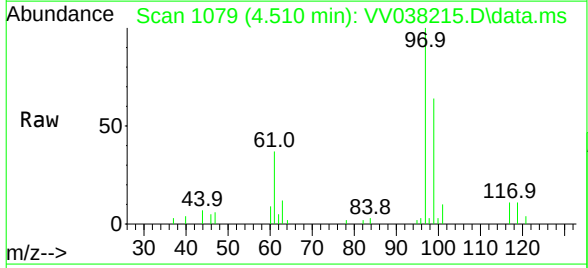




#29  
1,1,1-Trichloroethane  
Concen: 0.548 ug/L  
RT: 4.510 min Scan# 1076  
Delta R.T. 0.010 min  
Lab File: VV038215.D  
Acq: 20 Nov 2024 15:09

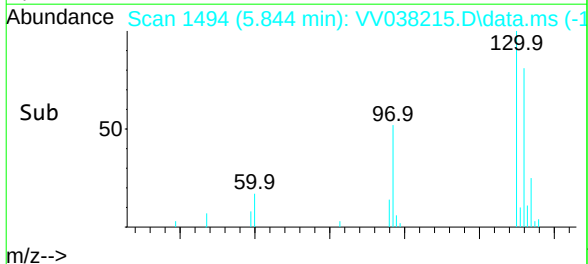
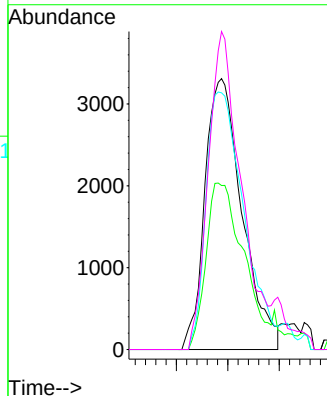
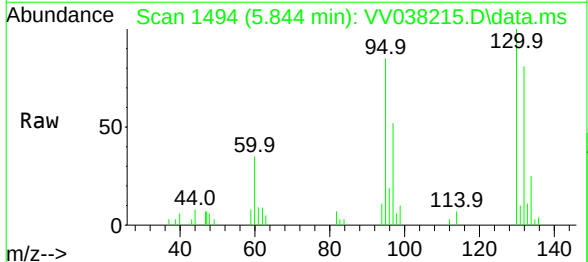
Instrument :  
MSVOA\_V  
ClientSampleId :  
BG3J8

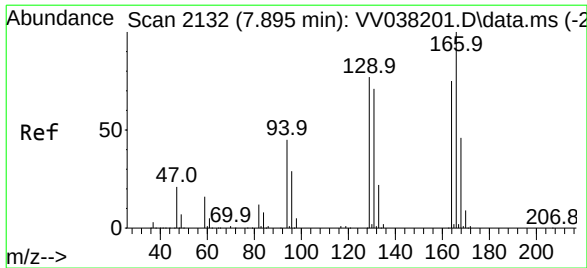
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 17502 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 61.9  | 51.8  | 77.8  |
| 61       | 36.8  | 32.2  | 48.2  |



#34  
Trichloroethene  
Concen: 0.408 ug/L  
RT: 5.844 min Scan# 1494  
Delta R.T. 0.016 min  
Lab File: VV038215.D  
Acq: 20 Nov 2024 15:09

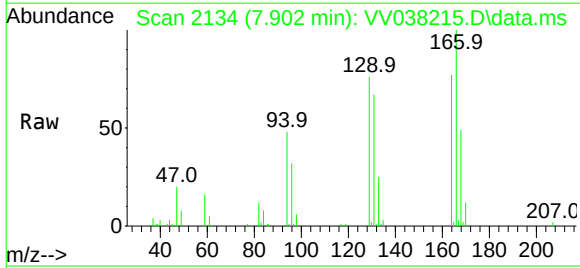
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 8320  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 60.5  | 44.8  | 83.2  |
| 132      | 94.7  | 68.3  | 126.8 |
| 130      | 117.4 | 70.2  | 130.4 |



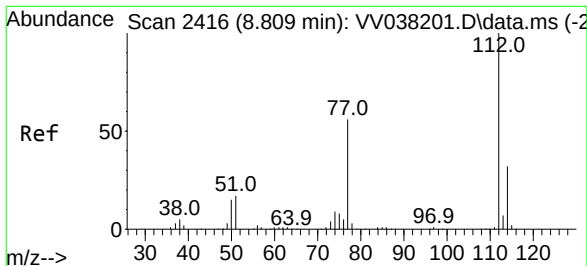
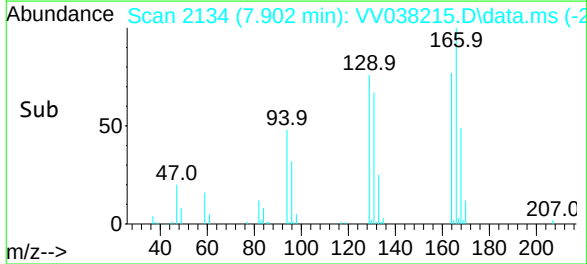
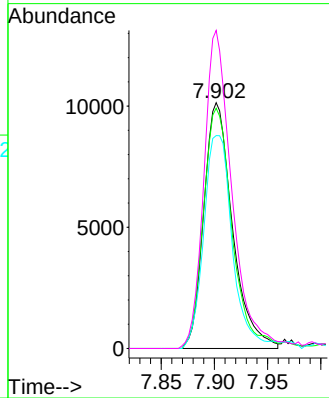


#47  
Tetrachloroethene  
Concen: 1.161 ug/L  
RT: 7.902 min Scan# 2134  
Delta R.T. 0.006 min  
Lab File: VV038215.D  
Acq: 20 Nov 2024 15:09

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG3J8



Tgt Ion:164 Resp: 19014  
Ion Ratio Lower Upper  
164 100  
129 97.8 68.5 127.1  
131 86.6 64.8 120.4  
166 129.4 88.3 163.9



#51  
Chlorobenzene  
Concen: 0.134 ug/L  
RT: 8.815 min Scan# 2418  
Delta R.T. 0.006 min  
Lab File: VV038215.D  
Acq: 20 Nov 2024 15:09

Tgt Ion:112 Resp: 7310  
Ion Ratio Lower Upper  
112 100  
114 36.9 22.0 40.8  
77 62.0 45.0 67.4

