

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102022\  
 Data File : VW028637.D  
 Acq On : 20 Oct 2022 16:07  
 Operator : SY/MD  
 Sample : N5173-04DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFXS9DL

Quant Time: Oct 21 01:11:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 21 00:53:32 2022  
 Response via : Initial Calibration

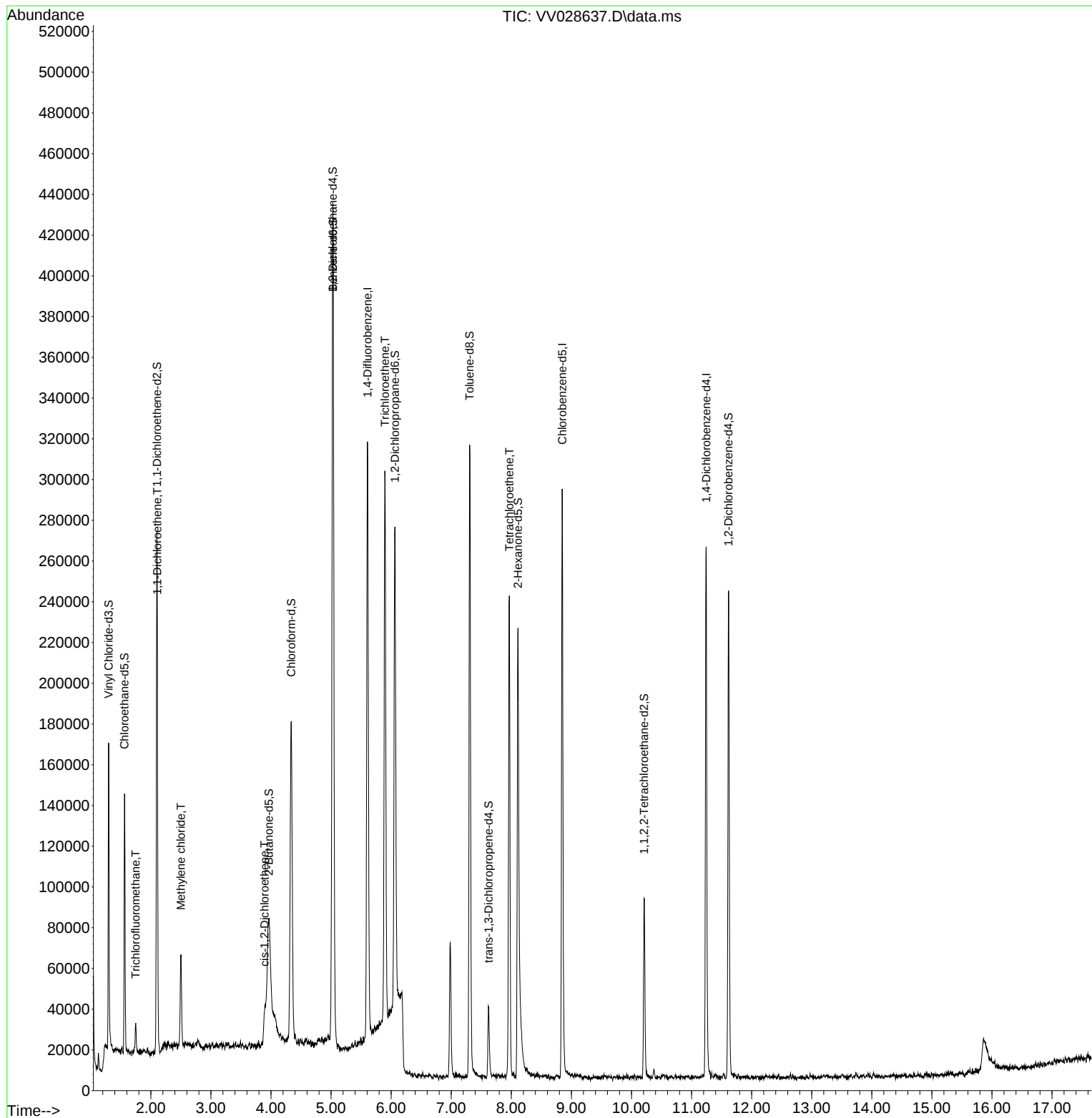
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.606  | 114   | 217355   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 144007   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242 | 152   | 60022    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.297  | 65    | 101043   | 4.696    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.000%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 79767    | 4.716    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 138379   | 3.700    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 74.000%  |
| 20) 2-Butanone-d5             | 3.963  | 46    | 198085   | 48.907   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 97.820%  |
| 24) Chloroform-d              | 4.336  | 84    | 153738   | 4.816    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 80449    | 4.653    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.000%  |
| 32) Benzene-d6                | 5.030  | 84    | 317106   | 5.061    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.200% |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 106610   | 5.426    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 108.600% |
| 41) Toluene-d8                | 7.307  | 98    | 192970   | 4.258    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.200%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 18685    | 3.918    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.400%  |
| 46) 2-Hexanone-d5             | 8.107  | 63    | 81603    | 41.207   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84    | 41534    | 4.476    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.615 | 152   | 54617    | 5.062    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 9) Trichlorofluoromethane     | 1.748  | 101   | 8023     | 0.322    | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.108  | 96    | 2520     | 0.180    | ug/L # | 1        |
| 16) Methylene chloride        | 2.500  | 84    | 16379    | 0.810    | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 3.892  | 96    | 8787     | 0.500    | ug/L # | 87       |
| 34) Trichloroethene           | 5.895  | 95    | 92381    | 5.925    | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.966  | 164   | 47409    | 5.631    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

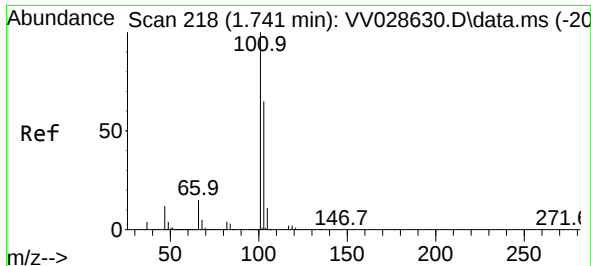
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102022\  
Data File : VV028637.D  
Acq On : 20 Oct 2022 16:07  
Operator : SY/MD  
Sample : N5173-04DL 10X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXS9DL

Quant Time: Oct 21 01:11:42 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102022WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Oct 21 00:53:32 2022  
Response via : Initial Calibration

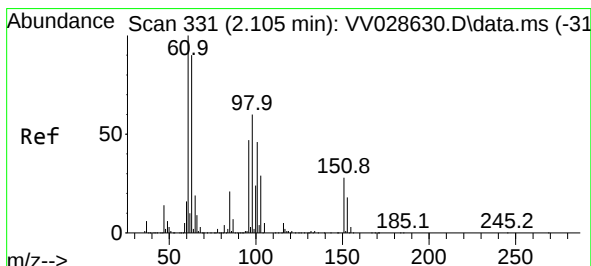
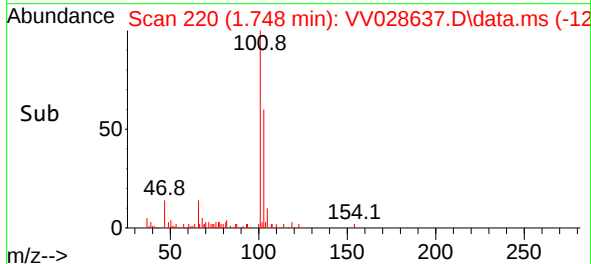
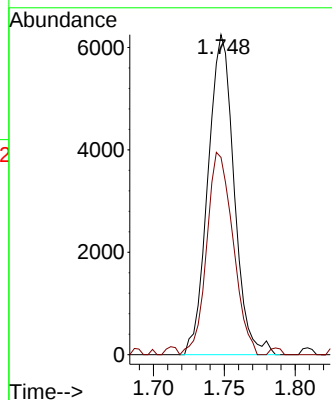
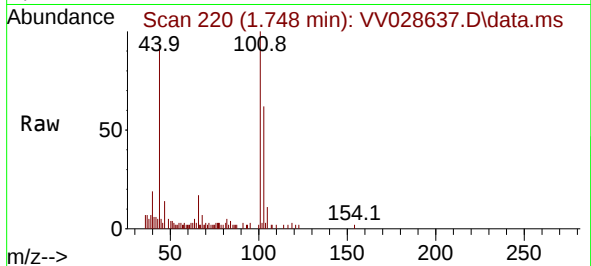




#9  
Trichlorofluoromethane  
Concen: 0.322 ug/L  
RT: 1.748 min Scan# 218  
Delta R.T. 0.006 min  
Lab File: VV028637.D  
Acq: 20 Oct 2022 16:07

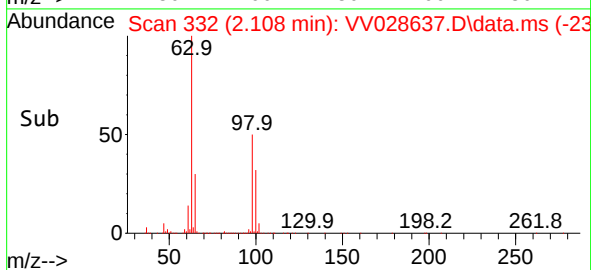
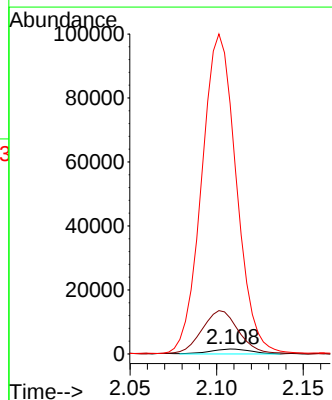
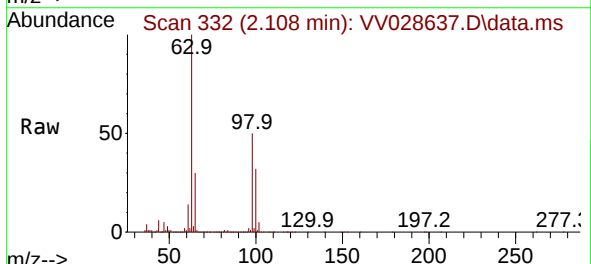
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXS9DL

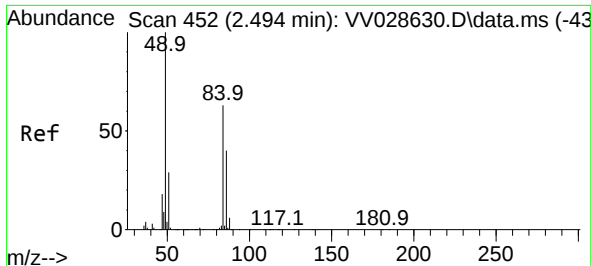
Tgt Ion:101 Resp: 8023  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.0 76.6



#12  
1,1-Dichloroethene  
Concen: 0.180 ug/L  
RT: 2.108 min Scan# 332  
Delta R.T. 0.003 min  
Lab File: VV028637.D  
Acq: 20 Oct 2022 16:07

Tgt Ion: 96 Resp: 2520  
Ion Ratio Lower Upper  
96 100  
61 729.7 148.1 275.1#  
63 5076.2 133.3 247.7#

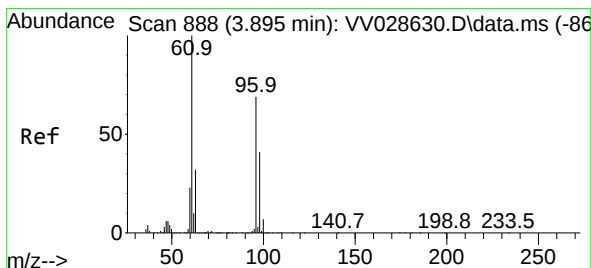
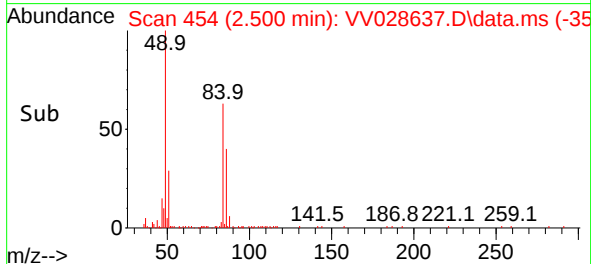
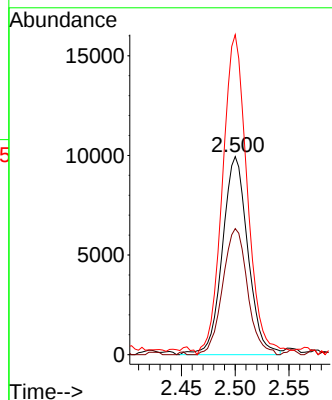
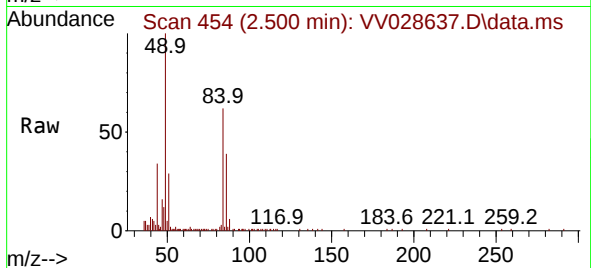




#16  
Methylene chloride  
Concen: 0.810 ug/L  
RT: 2.500 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VV028637.D  
Acq: 20 Oct 2022 16:07

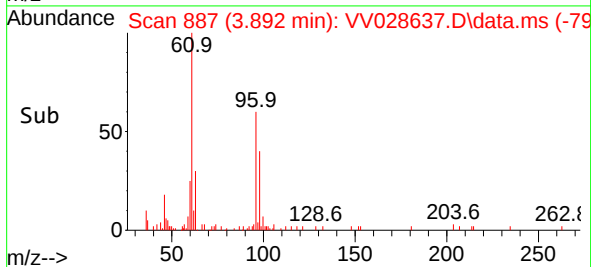
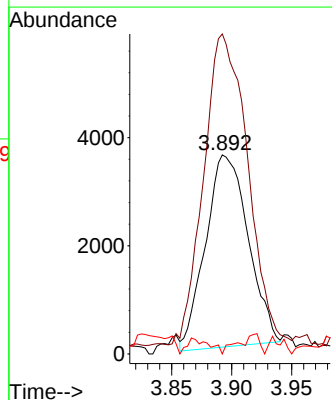
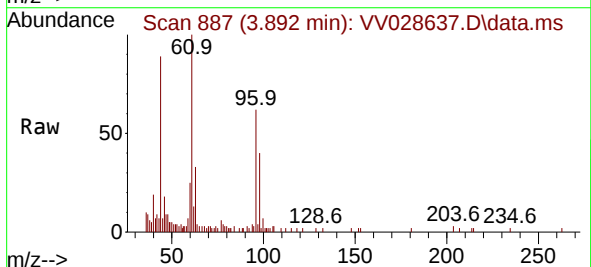
Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXS9DL

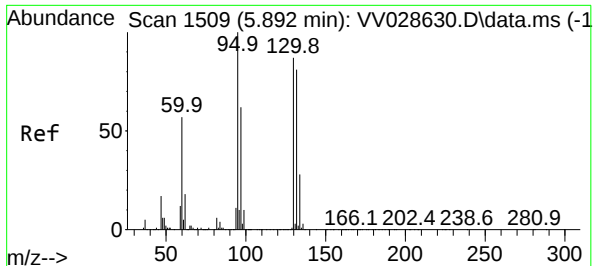
Tgt Ion: 84 Resp: 16379  
Ion Ratio Lower Upper  
84 100  
86 63.6 44.4 82.4  
49 161.5 110.8 205.8



#22  
cis-1,2-Dichloroethene  
Concen: 0.500 ug/L  
RT: 3.892 min Scan# 887  
Delta R.T. -0.003 min  
Lab File: VV028637.D  
Acq: 20 Oct 2022 16:07

Tgt Ion: 96 Resp: 8787  
Ion Ratio Lower Upper  
96 100  
61 160.7 101.4 188.2  
68 0.0 0.5 0.9#





#34

Trichloroethene

Concen: 5.925 ug/L

RT: 5.895 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028637.D

Acq: 20 Oct 2022 16:07

Instrument :

MSVOA\_V

ClientSampleId :

BFXS9DL

Tgt Ion: 95 Resp: 92381

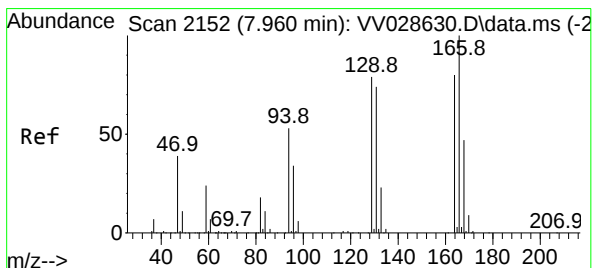
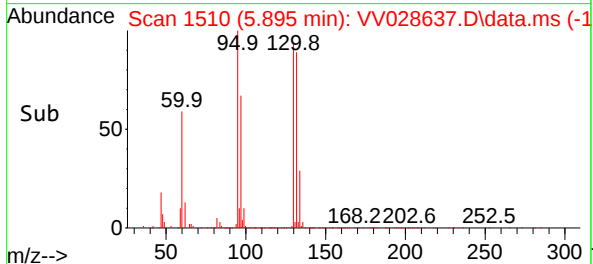
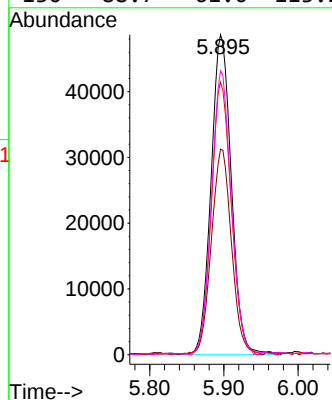
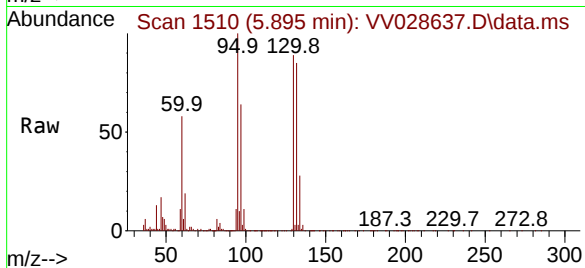
Ion Ratio Lower Upper

95 100

97 64.2 43.5 80.9

132 85.2 56.5 104.9

130 88.7 61.0 113.2



#47

Tetrachloroethene

Concen: 5.631 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VV028637.D

Acq: 20 Oct 2022 16:07

Tgt Ion: 164 Resp: 47409

Ion Ratio Lower Upper

164 100

129 95.4 69.2 128.6

131 91.5 64.2 119.2

166 124.1 87.3 162.1

