

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082222\  
 Data File : VV027468.D  
 Acq On : 22 Aug 2022 15:21  
 Operator : SY/MD  
 Sample : N4252-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX9C9

Quant Time: Aug 23 03:13:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Aug 23 03:03:07 2022  
 Response via : Initial Calibration

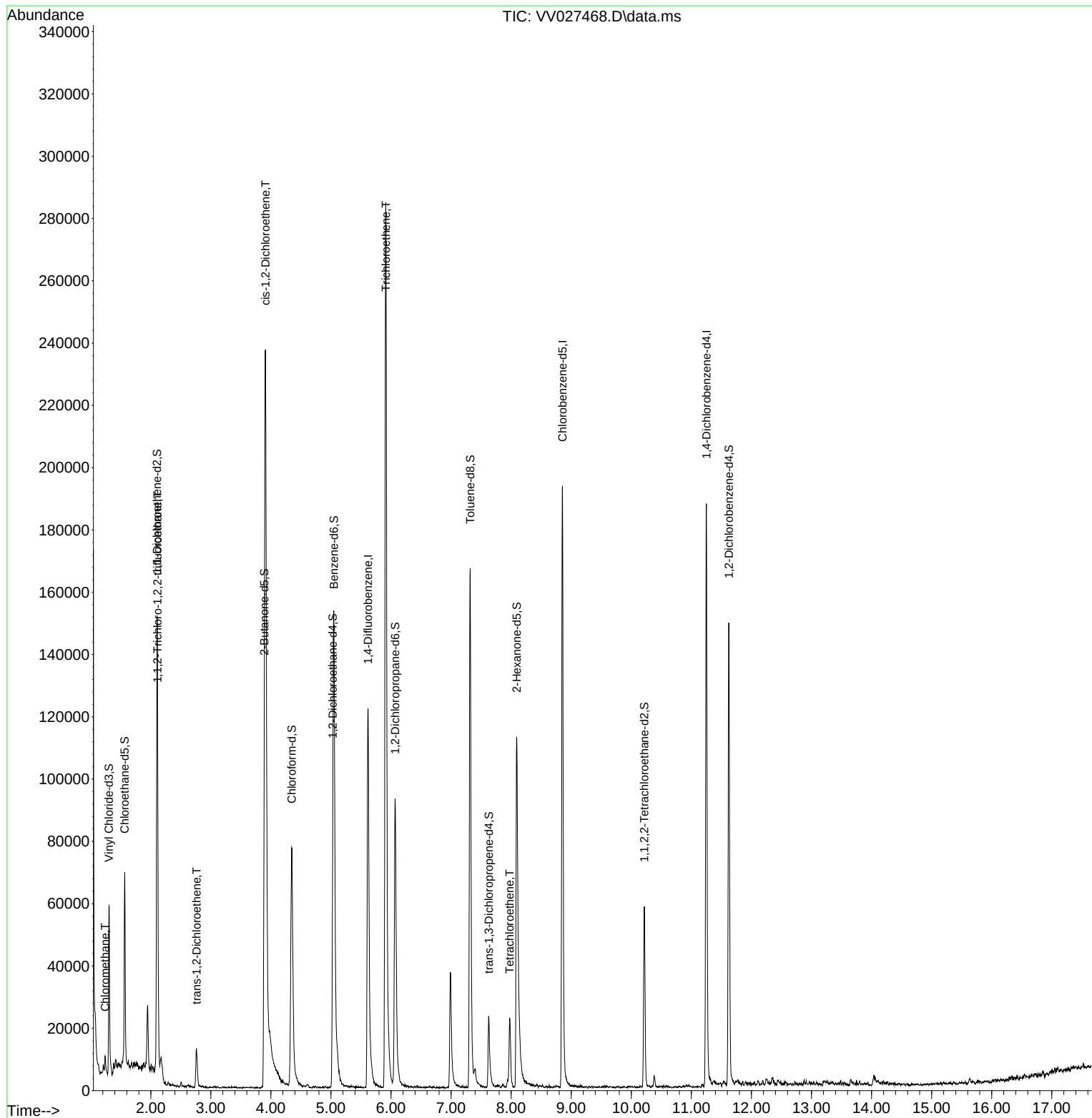
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 110637   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 111119   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 48707    | 5.000  | ug/L      | 0.00     |
|                               |        |                |          |        |           |          |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 37377    | 4.747  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 95.000%   |          |
| 7) Chloroethane-d5            | 1.565  | 69             | 38589    | 6.696  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 134.000%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 69355    | 3.777  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 75.600%   |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 50958    | 52.002 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 104.000%  |          |
| 24) Chloroform-d              | 4.346  | 84             | 81976    | 5.207  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 104.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 37320    | 5.479  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 109.600%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 149499   | 4.857  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.200%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 46254    | 5.169  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 103.400%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 116856   | 4.205  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.000%   |          |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79             | 14333    | 4.678  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 93.600%   |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 44805    | 44.425 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 88.840%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 28854    | 5.064  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 37427    | 5.184  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.600%  |          |
|                               |        |                |          |        |           |          |
| Target Compounds              |        |                |          |        |           | Qvalue   |
| 3) Chloromethane              | 1.240  | 50             | 4190     | 0.409  | ug/L      | 91       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101            | 9687     | 1.047  | ug/L      | 95       |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96             | 4218     | 0.489  | ug/L      | 98       |
| 22) cis-1,2-Dichloroethene    | 3.909  | 96             | 121307   | 13.199 | ug/L      | 94       |
| 34) Trichloroethene           | 5.912  | 95             | 107997   | 11.108 | ug/L      | 96       |
| 47) Tetrachloroethene         | 7.976  | 164            | 5472     | 0.722  | ug/L      | 94       |
| -----                         |        |                |          |        |           |          |

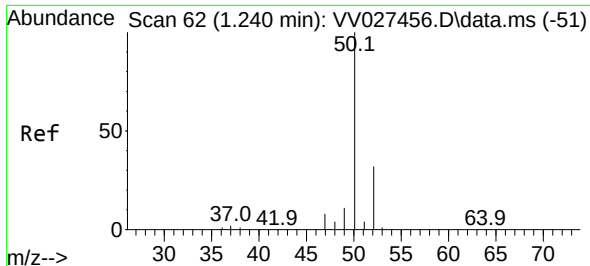
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082222\  
Data File : VV027468.D  
Acq On : 22 Aug 2022 15:21  
Operator : SY/MD  
Sample : N4252-08  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EX9C9

Quant Time: Aug 23 03:13:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Aug 23 03:03:07 2022  
Response via : Initial Calibration

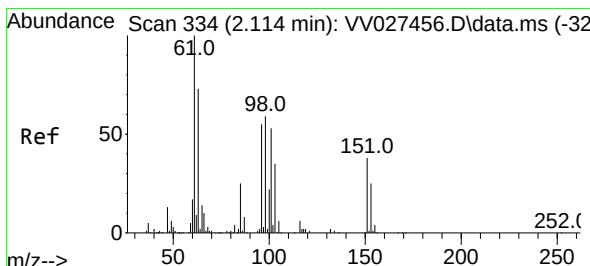
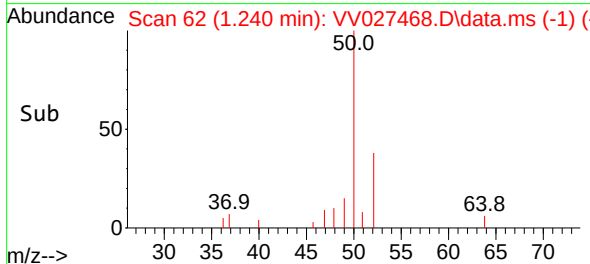
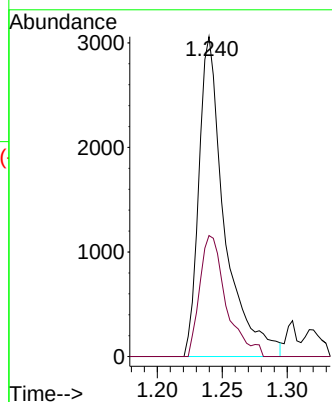
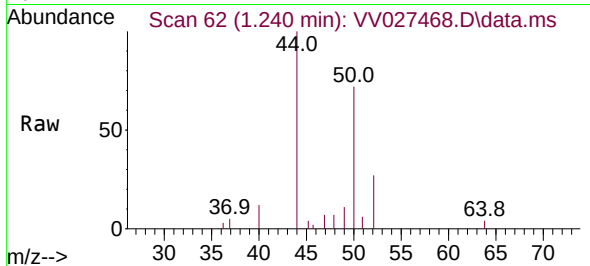




#3  
Chloromethane  
Concen: 0.409 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV027468.D  
Acq: 22 Aug 2022 15:21

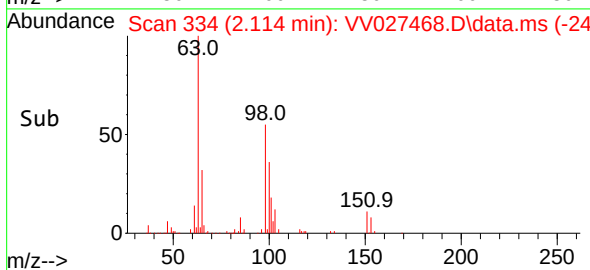
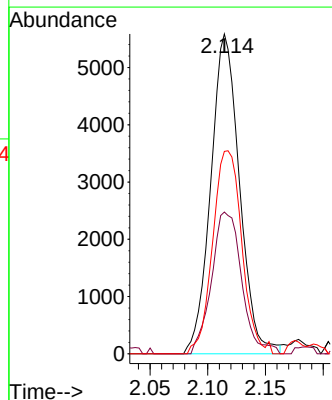
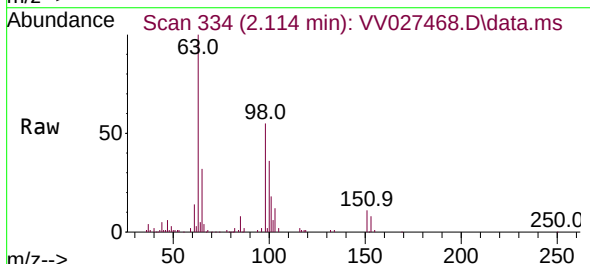
Instrument :  
MSVOA\_V  
ClientSampleId :  
EX9C9

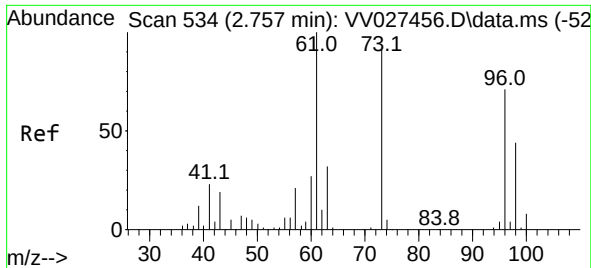
Tgt Ion: 50 Resp: 4190  
Ion Ratio Lower Upper  
50 100  
52 37.8 22.8 42.4



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.047 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VV027468.D  
Acq: 22 Aug 2022 15:21

Tgt Ion: 101 Resp: 9687  
Ion Ratio Lower Upper  
101 100  
85 46.3 35.3 52.9  
151 64.4 55.2 82.8

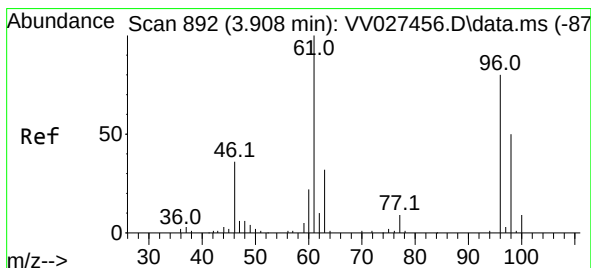
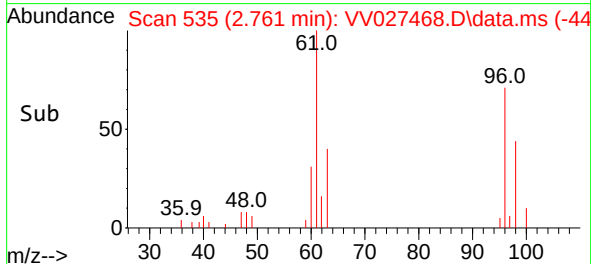
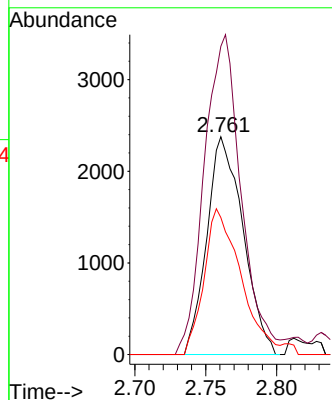
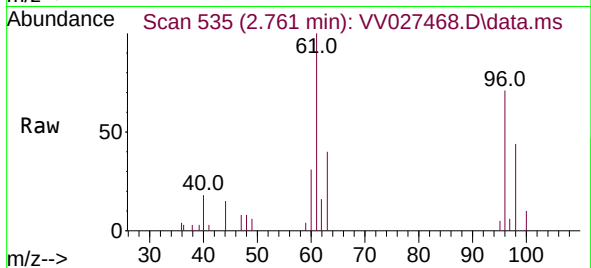




#18  
trans-1,2-Dichloroethene  
Concen: 0.489 ug/L  
RT: 2.761 min Scan# 534  
Delta R.T. 0.003 min  
Lab File: VV027468.D  
Acq: 22 Aug 2022 15:21

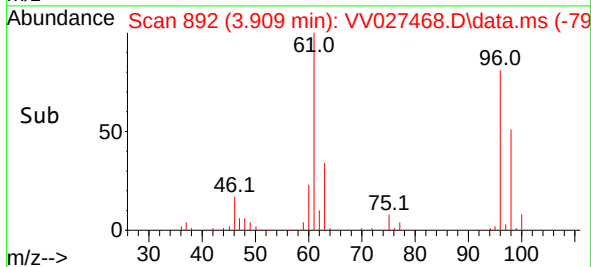
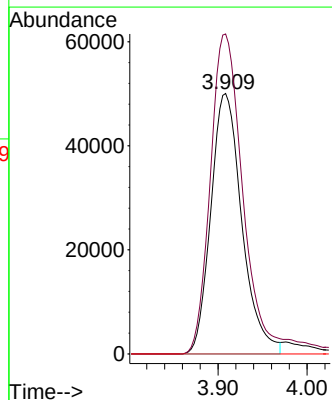
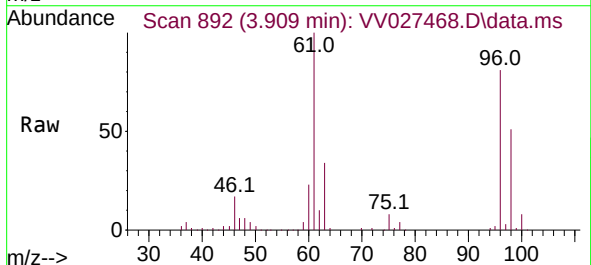
Instrument :  
MSVOA\_V  
ClientSampleId :  
EX9C9

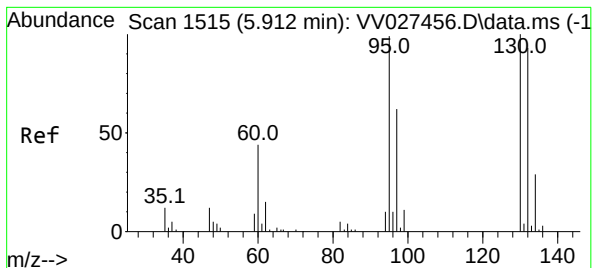
Tgt Ion: 96 Resp: 4218  
Ion Ratio Lower Upper  
96 100  
61 141.4 97.6 181.4  
98 62.9 45.9 85.3



#22  
cis-1,2-Dichloroethene  
Concen: 13.199 ug/L  
RT: 3.909 min Scan# 892  
Delta R.T. 0.000 min  
Lab File: VV027468.D  
Acq: 22 Aug 2022 15:21

Tgt Ion: 96 Resp: 121307  
Ion Ratio Lower Upper  
96 100  
61 122.9 90.6 168.2  
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 11.108 ug/L

RT: 5.912 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV027468.D

Acq: 22 Aug 2022 15:21

Instrument :

MSVOA\_V

ClientSampleId :

EX9C9

Tgt Ion: 95 Resp: 107997

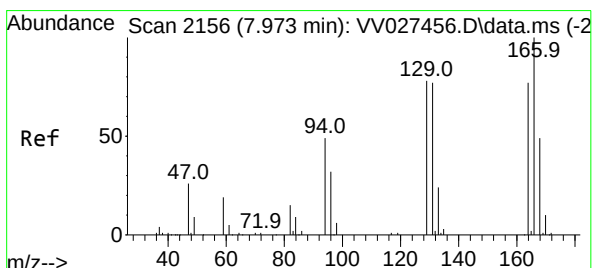
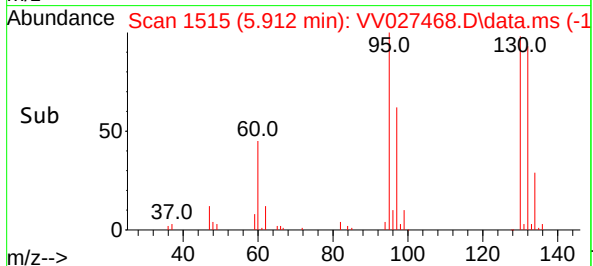
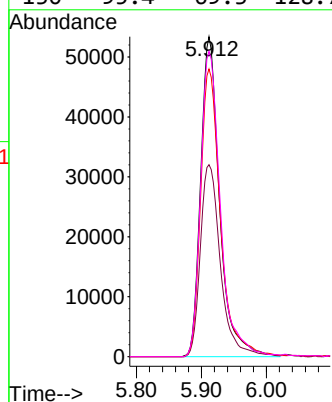
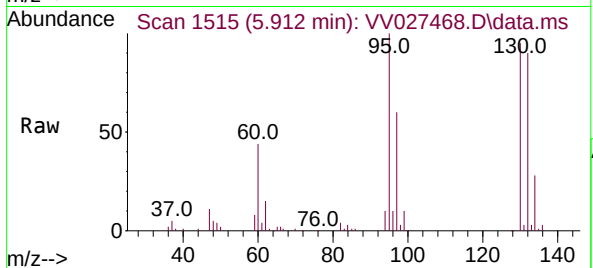
Ion Ratio Lower Upper

95 100

97 60.0 45.0 83.6

132 89.9 65.7 121.9

130 95.4 69.3 128.7



#47

Tetrachloroethene

Concen: 0.722 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027468.D

Acq: 22 Aug 2022 15:21

Tgt Ion:164 Resp: 5472

Ion Ratio Lower Upper

164 100

129 106.0 71.1 132.1

131 100.4 64.5 119.9

166 133.8 89.4 166.0

