

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112022\  
 Data File : VW029246.D  
 Acq On : 21 Nov 2022 00:34  
 Operator : SY/MD  
 Sample : N5666-02DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGXP4DL

Quant Time: Nov 21 03:56:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Nov 21 03:37:08 2022  
 Response via : Initial Calibration

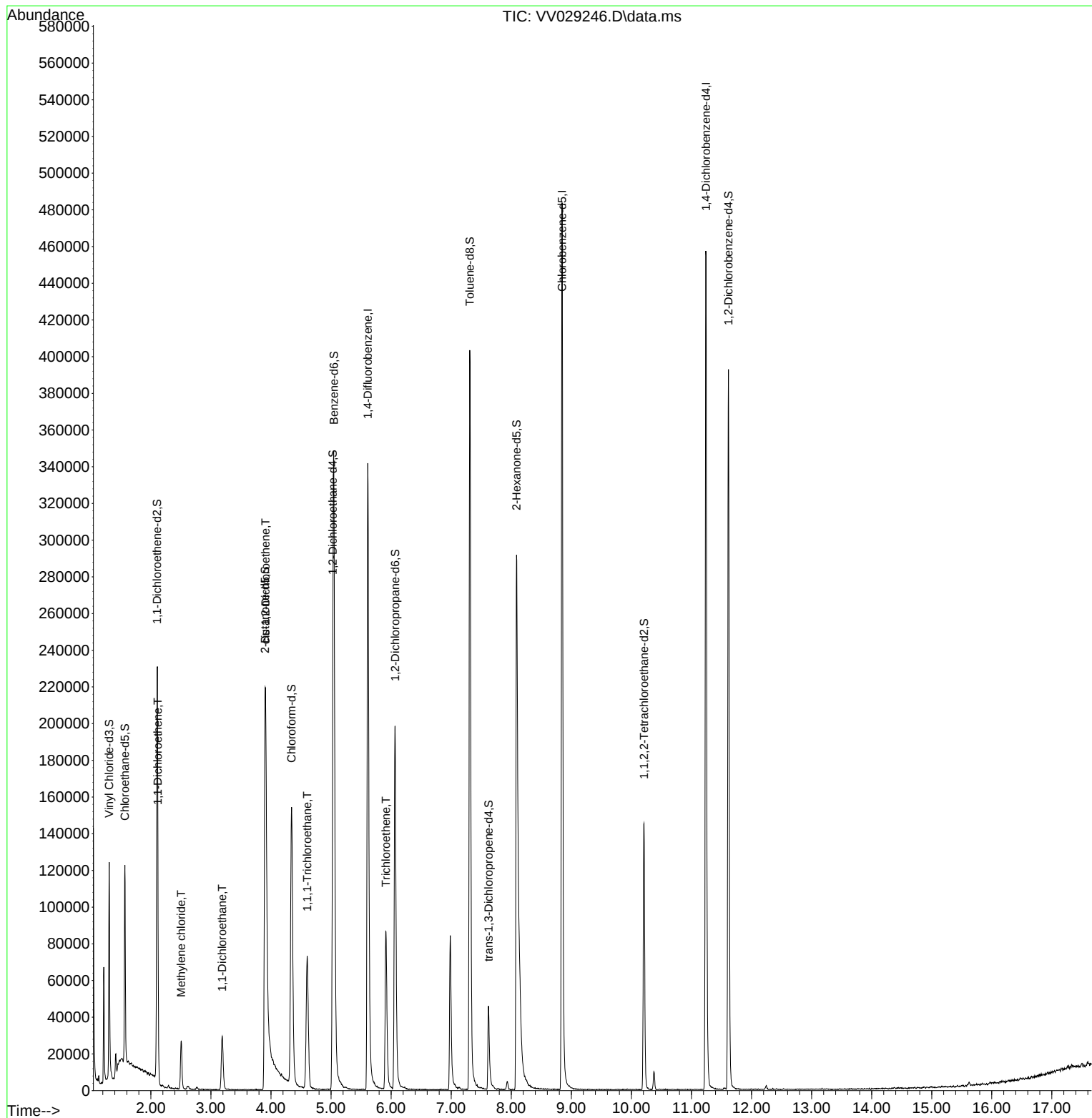
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 317652   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 290974   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152   | 133226   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 82005    | 4.235    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 84.600%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 70953    | 4.168    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 83.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 110918   | 3.143    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 62.800%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 129096   | 39.823   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 79.640%  |
| 24) Chloroform-d              | 4.343  | 84    | 167799   | 4.220    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 84.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 78735    | 4.401    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 88.000%  |
| 32) Benzene-d6                | 5.047  | 84    | 340423   | 3.920    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 78.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 103684   | 4.275    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 85.600%  |
| 41) Toluene-d8                | 7.310  | 98    | 289574   | 3.704    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 74.000%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 30839    | 3.899    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 78.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 149516   | 44.284   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 88.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.211 | 84    | 76959    | 4.577    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 91.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152   | 108766   | 4.563    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 91.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 12) 1,1-Dichloroethene        | 2.118  | 96    | 9541     | 0.496    | ug/L  | # 1      |
| 16) Methylene chloride        | 2.503  | 84    | 11756    | 0.473    | ug/L  | 91       |
| 19) 1,1-Dichloroethane        | 3.188  | 63    | 31270    | 0.858    | ug/L  | 94       |
| 22) cis-1,2-Dichloroethene    | 3.909  | 96    | 101781   | 4.489    | ug/L  | 96       |
| 29) 1,1,1-Trichloroethane     | 4.603  | 97    | 60200    | 1.763    | ug/L  | 99       |
| 34) Trichloroethene           | 5.912  | 95    | 32554    | 1.430    | ug/L  | 99       |
| -----                         |        |       |          |          |       |          |

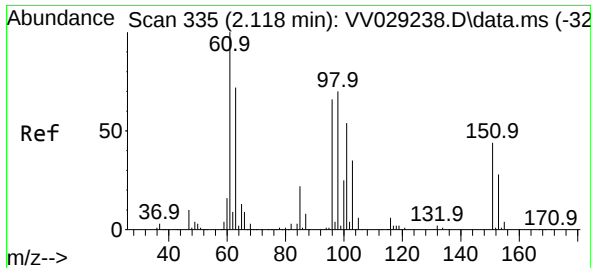
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112022\  
Data File : VV029246.D  
Acq On : 21 Nov 2022 00:34  
Operator : SY/MD  
Sample : N5666-02DL 5X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BGXP4DL

Quant Time: Nov 21 03:56:22 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Nov 21 03:37:08 2022  
Response via : Initial Calibration

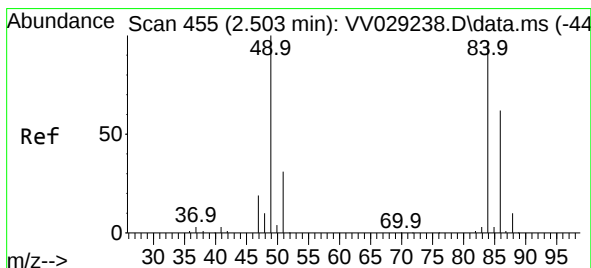
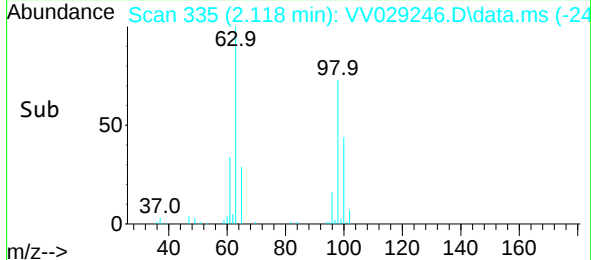
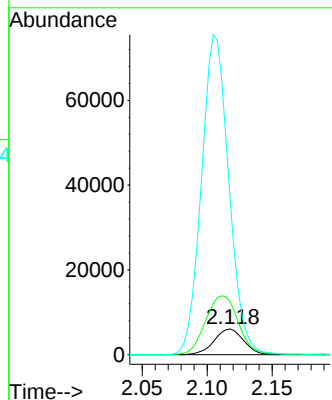
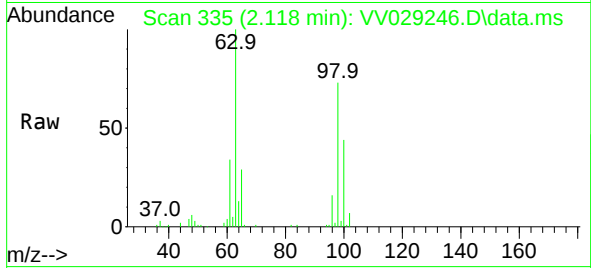




#12  
 1,1-Dichloroethene  
 Concen: 0.496 ug/L  
 RT: 2.118 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: VV029246.D  
 Acq: 21 Nov 2022 00:34

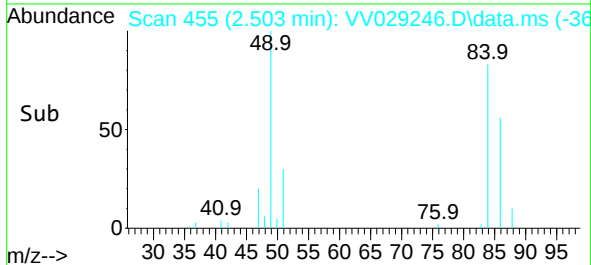
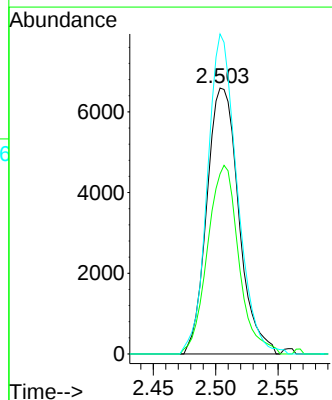
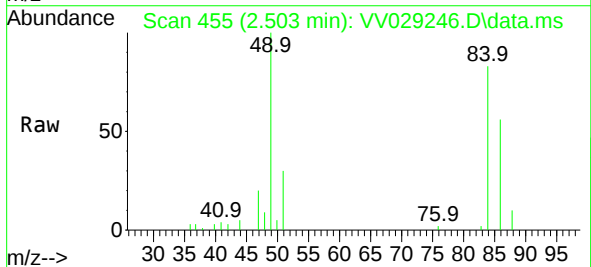
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGXP4DL

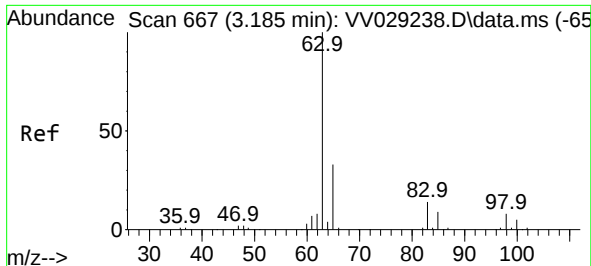
Tgt Ion: 96 Resp: 9541  
 Ion Ratio Lower Upper  
 96 100  
 61 206.3 104.2 193.4#  
 63 606.7 75.9 140.9#



#16  
 Methylene chloride  
 Concen: 0.473 ug/L  
 RT: 2.503 min Scan# 455  
 Delta R.T. 0.000 min  
 Lab File: VV029246.D  
 Acq: 21 Nov 2022 00:34

Tgt Ion: 84 Resp: 11756  
 Ion Ratio Lower Upper  
 84 100  
 86 67.7 45.8 85.0  
 49 120.3 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.858 ug/L

RT: 3.188 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV029246.D

Acq: 21 Nov 2022 00:34

Instrument :

MSVOA\_V

ClientSampleId :

BGXP4DL

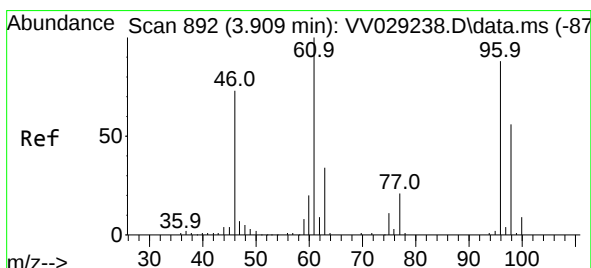
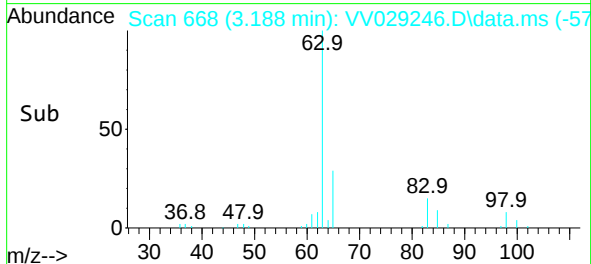
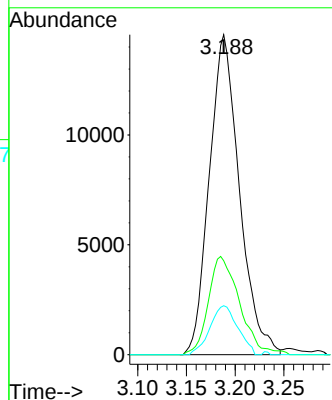
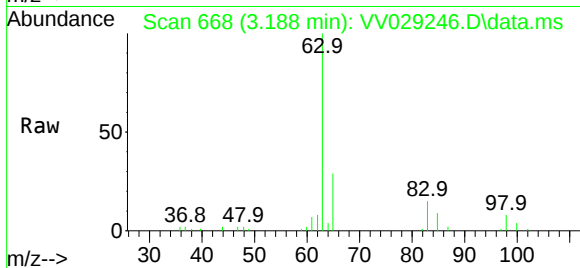
Tgt Ion: 63 Resp: 31270

Ion Ratio Lower Upper

63 100

65 29.3 23.0 42.6

83 15.3 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 4.489 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV029246.D

Acq: 21 Nov 2022 00:34

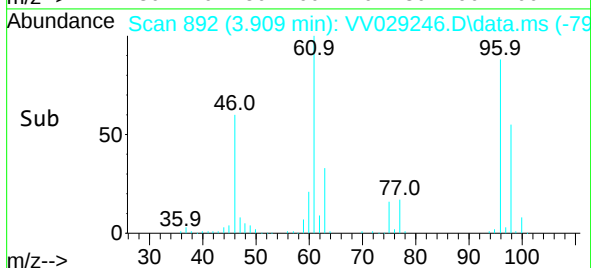
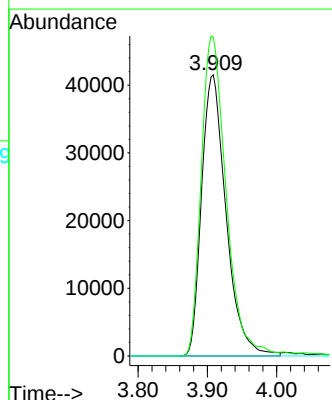
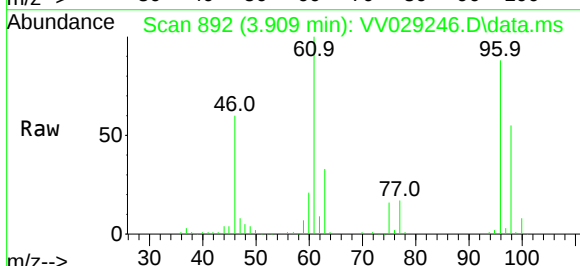
Tgt Ion: 96 Resp: 101781

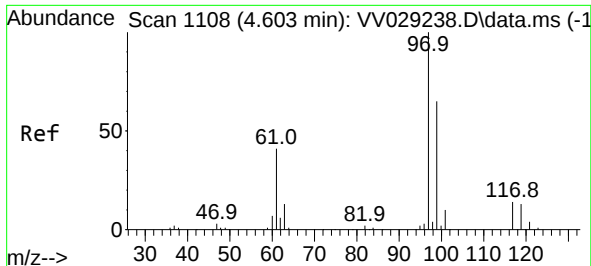
Ion Ratio Lower Upper

96 100

61 113.4 82.3 152.9

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 1.763 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV029246.D

Acq: 21 Nov 2022 00:34

Instrument :

MSVOA\_V

ClientSampleId :

BGXP4DL

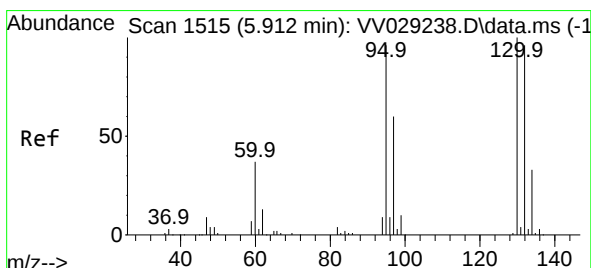
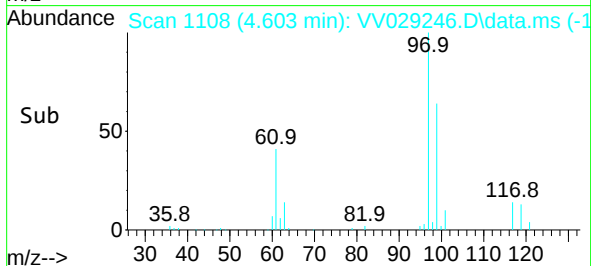
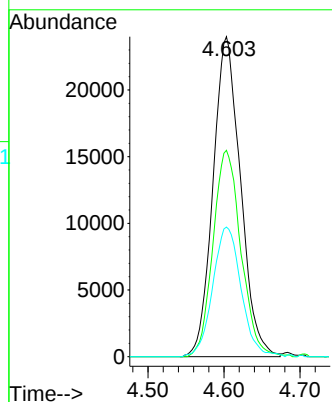
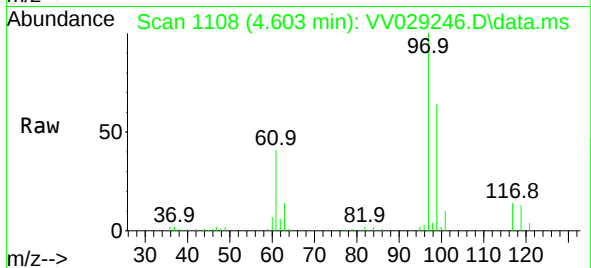
Tgt Ion: 97 Resp: 60200

Ion Ratio Lower Upper

97 100

99 65.4 52.7 79.1

61 41.9 33.8 50.6



#34

Trichloroethene

Concen: 1.430 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV029246.D

Acq: 21 Nov 2022 00:34

Tgt Ion: 95 Resp: 32554

Ion Ratio Lower Upper

95 100

97 64.9 45.6 84.8

132 101.7 69.1 128.3

130 106.7 74.9 139.1

