

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112522\  
 Data File : VW029347.D  
 Acq On : 25 Nov 2022 11:27  
 Operator : SY/MD  
 Sample : N5725-09DL 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHB65DL

Quant Time: Nov 25 21:30:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 25 21:27:54 2022  
 Response via : Initial Calibration

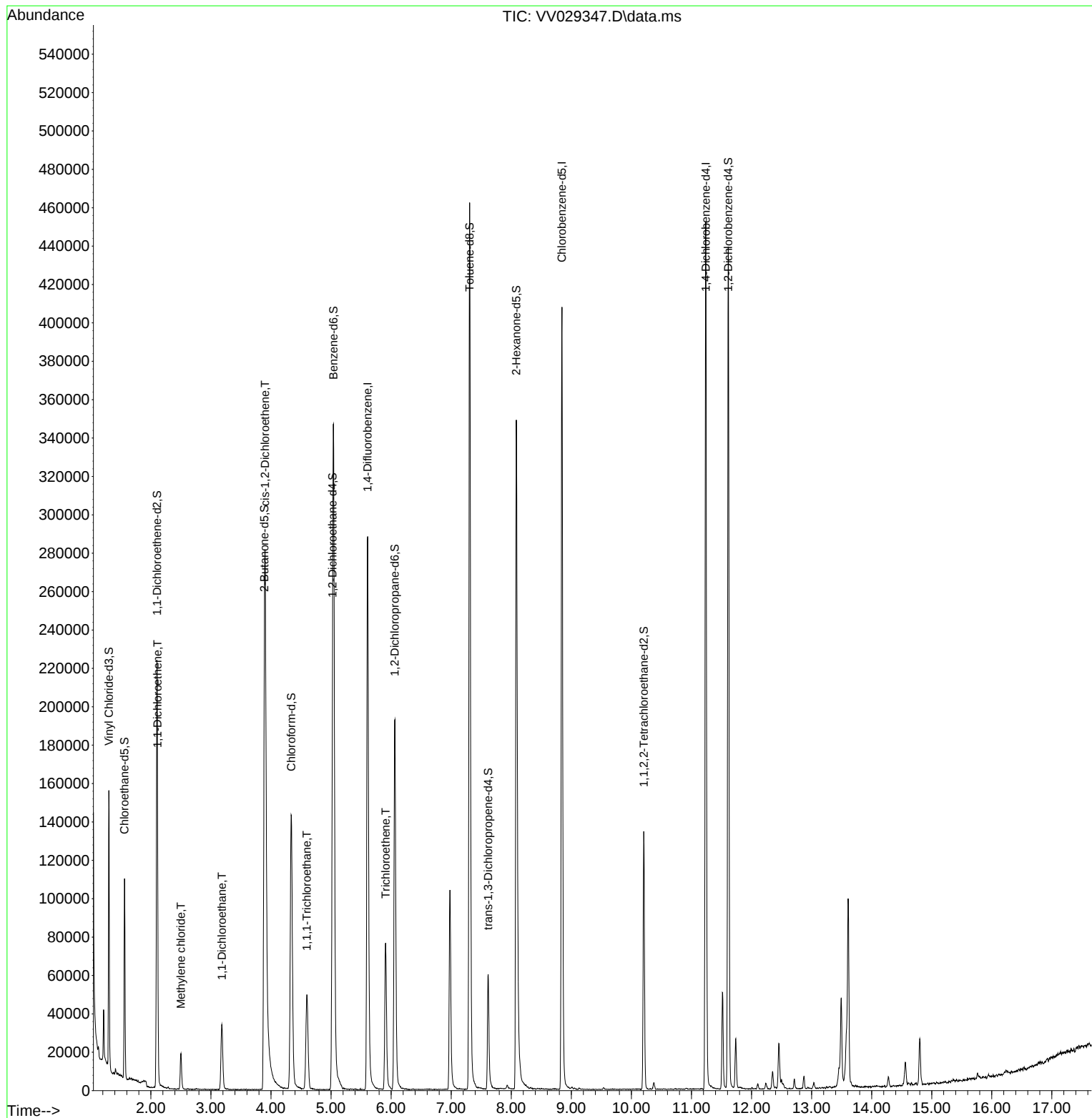
| Compound                      | R.T. QIon |                | Response | Conc       | Units | Dev(Min)   |
|-------------------------------|-----------|----------------|----------|------------|-------|------------|
| -----                         |           |                |          |            |       |            |
| Internal Standards            |           |                |          |            |       |            |
| 1) 1,4-Difluorobenzene        | 5.609     | 114            | 272864   | 5.000      | ug/L  | 0.00       |
| 28) Chlorobenzene-d5          | 8.844     | 117            | 239634   | 5.000      | ug/L  | 0.00       |
| 58) 1,4-Dichlorobenzene-d4    | 11.239    | 152            | 125259   | 5.000      | ug/L  | 0.00       |
| System Monitoring Compounds   |           |                |          |            |       |            |
| 4) Vinyl Chloride-d3          | 1.301     | 65             | 91205    | 5.431      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 108.600% |       |            |
| 7) Chloroethane-d5            | 1.561     | 69             | 67078    | 5.457      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 109.200% |       |            |
| 11) 1,1-Dichloroethene-d2     | 2.102     | 63             | 110085   | 4.097      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 82.000%  |       |            |
| 20) 2-Butanone-d5             | 3.889     | 46             | 156675   | 55.774     | ug/L  | 0.00       |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 111.540% |       |            |
| 24) Chloroform-d              | 4.339     | 84             | 158704   | 5.295      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 105.800% |       |            |
| 26) 1,2-Dichloroethane-d4     | 5.024     | 65             | 74300    | 5.634      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 112.600% |       |            |
| 32) Benzene-d6                | 5.040     | 84             | 348535   | 5.263      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 105.200% |       |            |
| 36) 1,2-Dichloropropane-d6    | 6.060     | 67             | 101707   | 5.465      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 109.400% |       |            |
| 41) Toluene-d8                | 7.307     | 98             | 326750   | 5.227      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 104.600% |       |            |
| 43) trans-1,3-Dichloroprop... | 7.616     | 79             | 37809    | 5.270      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 105.400% |       |            |
| 46) 2-Hexanone-d5             | 8.085     | 63             | 136690   | 53.445     | ug/L  | 0.00       |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 106.900% |       |            |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207    | 84             | 65700    | 5.721      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 114.400% |       |            |
| 66) 1,2-Dichlorobenzene-d4    | 11.612    | 152            | 121627   | 5.558      | ug/L  | 0.00       |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 111.200% |       |            |
| Target Compounds              |           |                |          |            |       |            |
| 12) 1,1-Dichloroethene        | 2.111     | 96             | 10523    | 0.750      | ug/L  | Qvalue # 1 |
| 16) Methylene chloride        | 2.500     | 84             | 8486     | 0.396      | ug/L  | 98         |
| 19) 1,1-Dichloroethane        | 3.182     | 63             | 36339    | 1.254      | ug/L  | 98         |
| 22) cis-1,2-Dichloroethene    | 3.902     | 96             | 133713   | 7.260      | ug/L  | 100        |
| 29) 1,1,1-Trichloroethane     | 4.597     | 97             | 42411    | 1.539      | ug/L  | 98         |
| 34) Trichloroethene           | 5.908     | 95             | 27691    | 1.515      | ug/L  | 99         |
| -----                         |           |                |          |            |       |            |

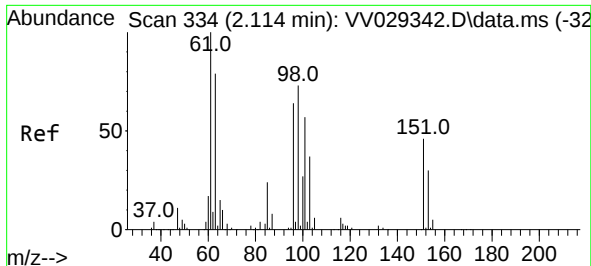
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 25 21:27:54 2022  
Response via : Initial Calibration

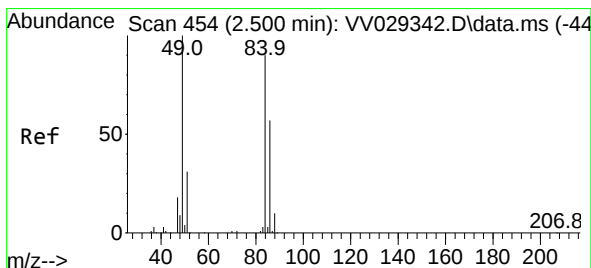
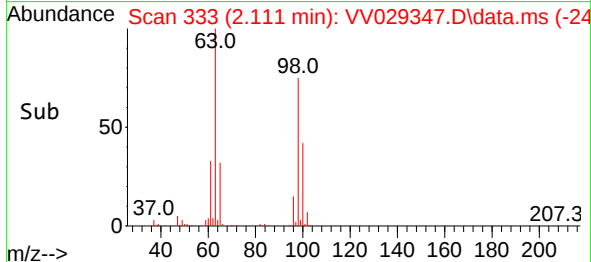
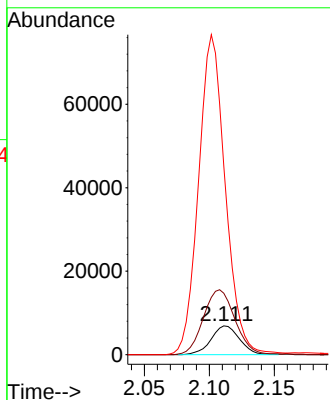
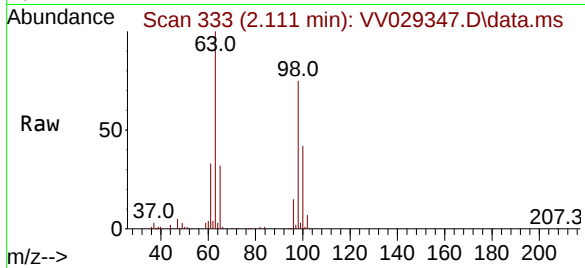




#12  
1,1-Dichloroethene  
Concen: 0.750 ug/L  
RT: 2.111 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VV029347.D  
Acq: 25 Nov 2022 11:27

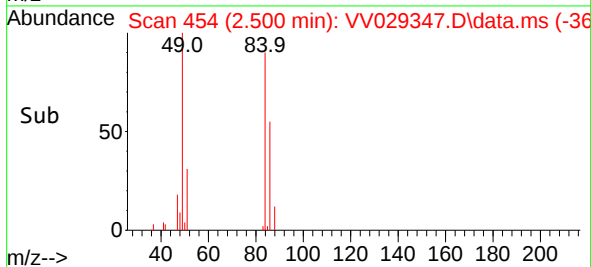
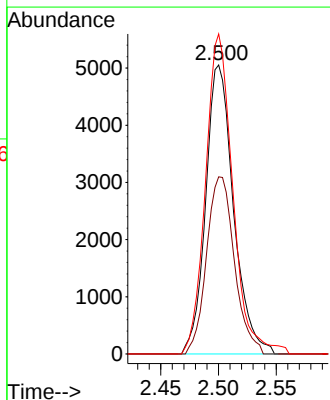
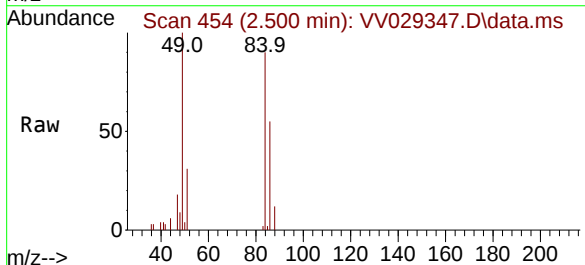
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHB65DL

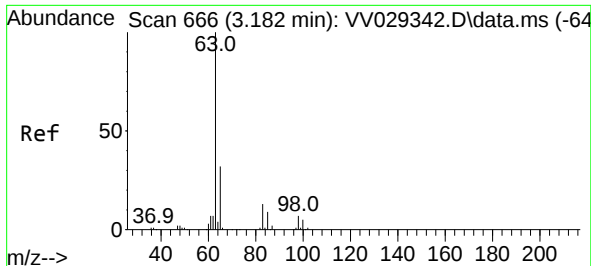
Tgt Ion: 96 Resp: 10523  
Ion Ratio Lower Upper  
96 100  
61 213.8 110.3 204.9#  
63 656.4 84.4 156.8#



#16  
Methylene chloride  
Concen: 0.396 ug/L  
RT: 2.500 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VV029347.D  
Acq: 25 Nov 2022 11:27

Tgt Ion: 84 Resp: 8486  
Ion Ratio Lower Upper  
84 100  
86 61.3 45.6 84.6  
49 110.7 77.8 144.4





#19

1,1-Dichloroethane

Concen: 1.254 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

Instrument :

MSVOA\_V

ClientSampleId :

BHB65DL

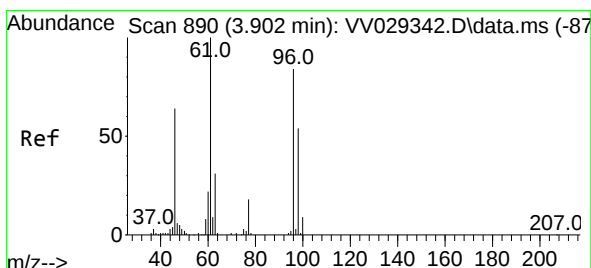
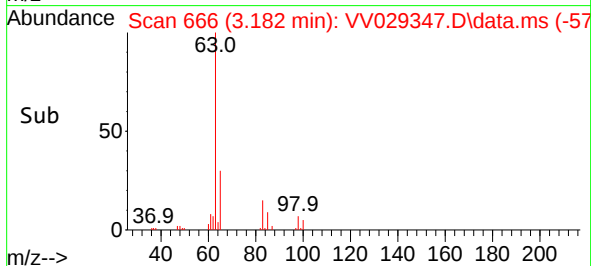
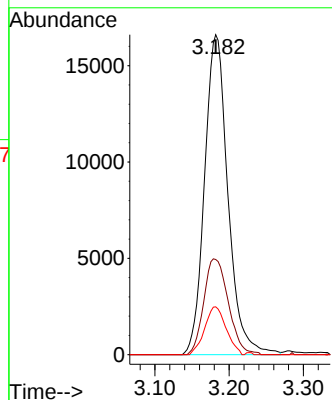
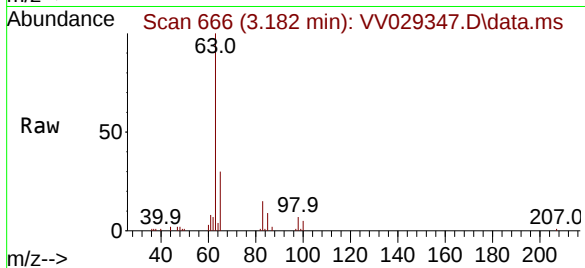
Tgt Ion: 63 Resp: 36339

Ion Ratio Lower Upper

63 100

65 29.7 21.6 40.2

83 15.0 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 7.260 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.000 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

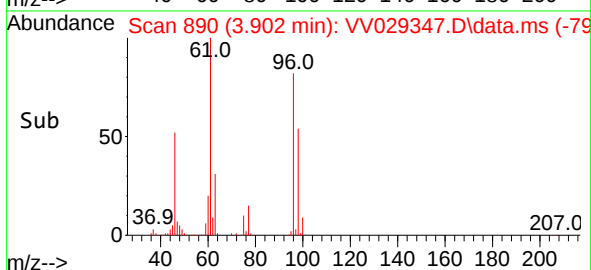
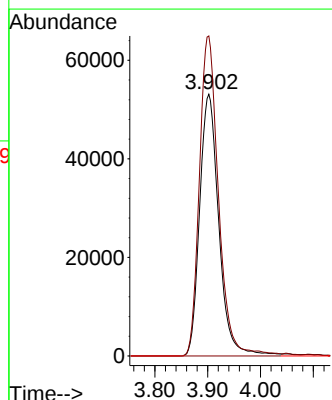
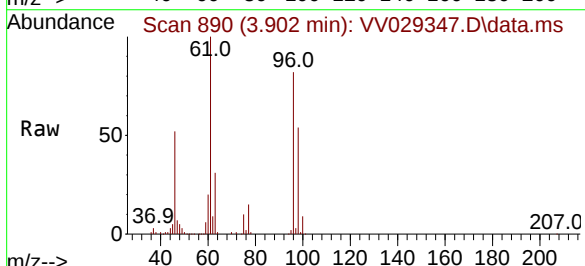
Tgt Ion: 96 Resp: 133713

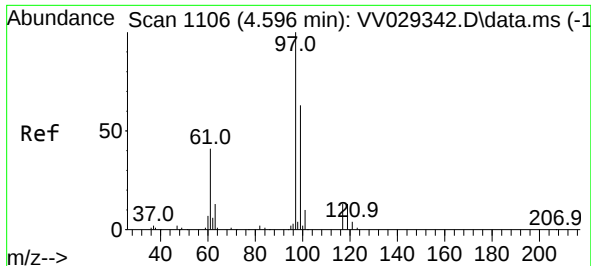
Ion Ratio Lower Upper

96 100

61 122.3 85.8 159.3

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 1.539 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

Instrument :

MSVOA\_V

ClientSampleId :

BHB65DL

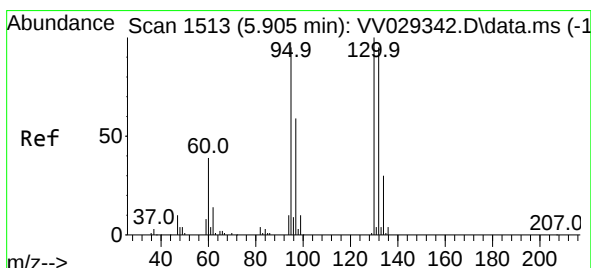
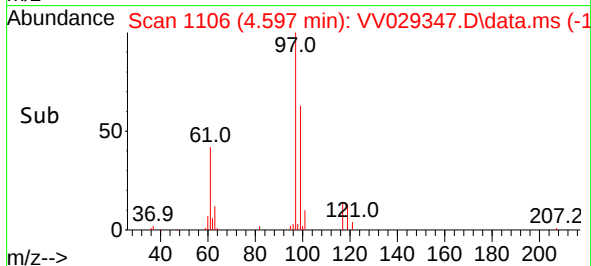
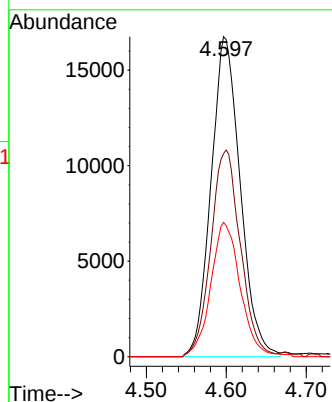
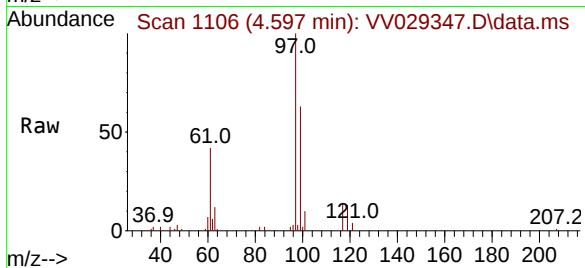
Tgt Ion: 97 Resp: 42411

Ion Ratio Lower Upper

97 100

99 65.5 51.2 76.8

61 42.5 33.3 49.9



#34

Trichloroethene

Concen: 1.515 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.003 min

Lab File: VV029347.D

Acq: 25 Nov 2022 11:27

Tgt Ion: 95 Resp: 27691

Ion Ratio Lower Upper

95 100

97 65.5 45.4 84.4

132 105.2 73.3 136.1

130 110.8 75.6 140.4

