

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW032822\  
 Data File : VW025251.D  
 Acq On : 28 Mar 2022 11:15  
 Operator : SY/MD  
 Sample : N2110-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 29 03:27:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Mar 29 03:26:38 2022  
 Response via : Initial Calibration

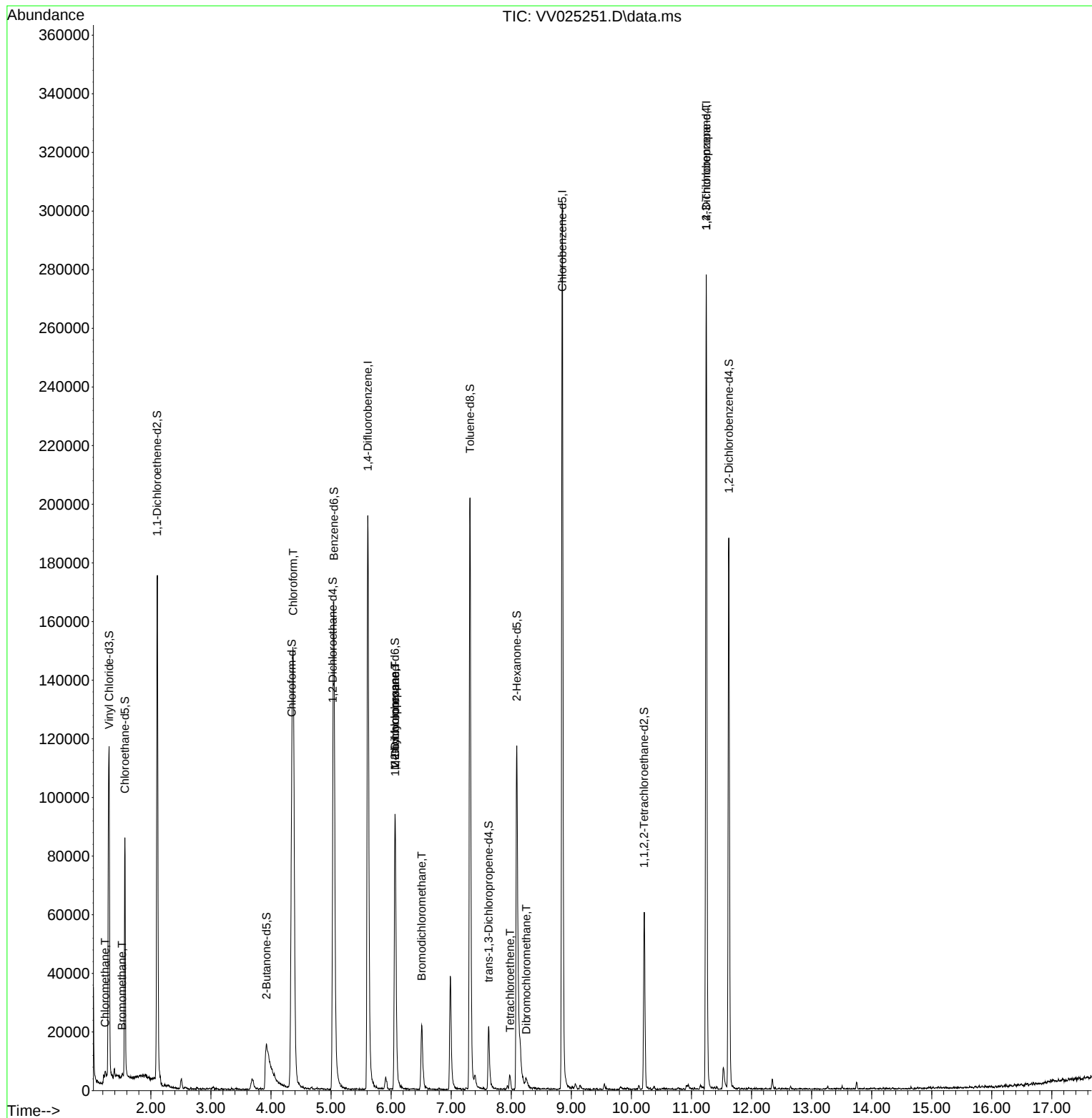
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 174962   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 169952   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152            | 71417    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 57419    | 3.513  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 70.200%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 51508    | 3.755  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 75.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63             | 90036    | 2.543  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 50.800%# |          |
| 20) 2-Butanone-d5             | 3.924  | 46             | 49808    | 30.596 | ug/L     | 0.01     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 61.200%  |          |
| 24) Chloroform-d              | 4.346  | 84             | 86146    | 4.039  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 36674    | 3.890  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 77.800%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 159665   | 3.713  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 74.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 46460    | 3.856  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 77.200%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 136837   | 3.470  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 69.400%# |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 12525    | 3.186  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 63.800%  |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 49665    | 34.982 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 69.960%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 29803    | 3.709  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 74.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 47465    | 4.138  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 82.800%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.240  | 50             | 1157     | 0.056  | ug/L     | 93       |
| 6) Bromomethane               | 1.519  | 94             | 735      | 0.054  | ug/L     | 83       |
| 25) Chloroform                | 4.371  | 83             | 131129   | 5.600  | ug/L     | 99       |
| 35) Methylcyclohexane         | 6.066  | 83             | 12098    | 0.564  | ug/L #   | 22       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 4988     | 0.431  | ug/L #   | 87       |
| 38) Bromodichloromethane      | 6.510  | 83             | 15285    | 1.043  | ug/L     | 96       |
| 47) Tetrachloroethene         | 7.982  | 164            | 1230     | 0.122  | ug/L     | 84       |
| 49) Dibromochloromethane      | 8.249  | 129            | 593      | 0.070  | ug/L     | 92       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 8603     | 1.592  | ug/L #   | 67       |
| -----                         |        |                |          |        |          |          |

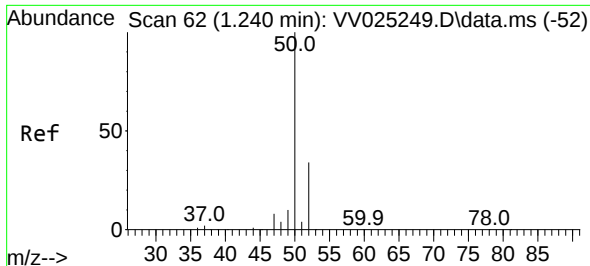
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

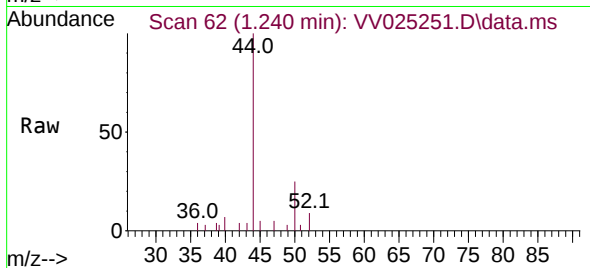
Quant Time: Mar 29 03:27:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032622WMA.M  
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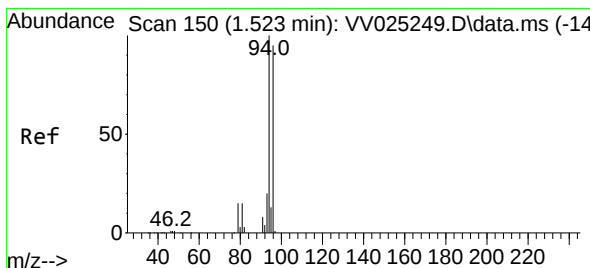
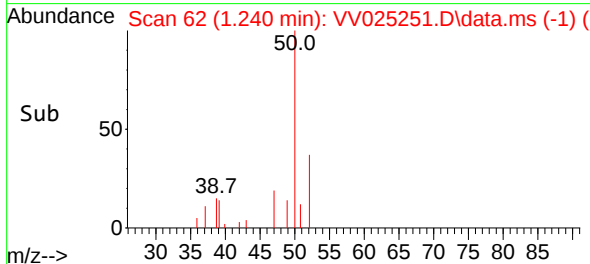
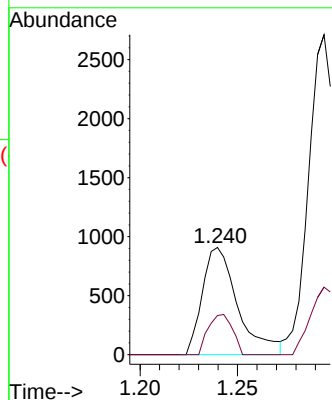


#3  
Chloromethane  
Concen: 0.056 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV025251.D  
Acq: 28 Mar 2022 11:15

Instrument :  
MSVOA\_V  
ClientSampleId :

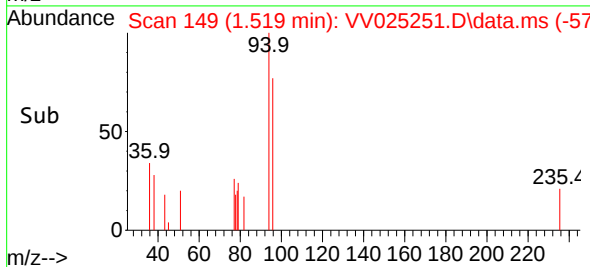
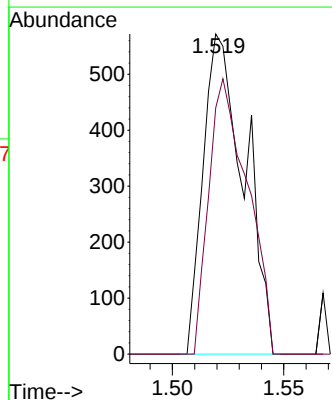
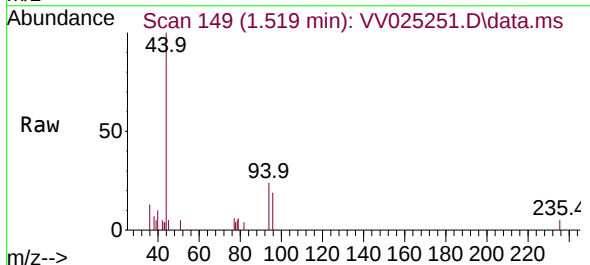


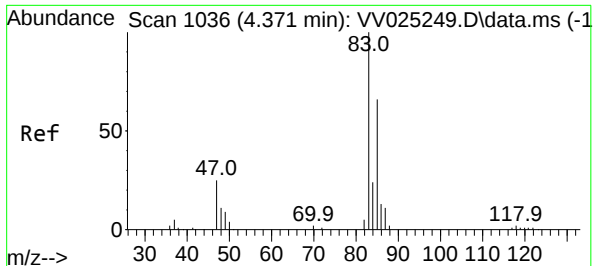
Tgt Ion: 50 Resp: 1157  
Ion Ratio Lower Upper  
50 100  
52 36.5 22.9 42.5



#6  
Bromomethane  
Concen: 0.054 ug/L  
RT: 1.519 min Scan# 149  
Delta R.T. -0.003 min  
Lab File: VV025251.D  
Acq: 28 Mar 2022 11:15

Tgt Ion: 94 Resp: 735  
Ion Ratio Lower Upper  
94 100  
96 76.9 65.5 121.7





#25

Chloroform

Concen: 5.600 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025251.D

Acq: 28 Mar 2022 11:15

Instrument :

MSVOA\_V

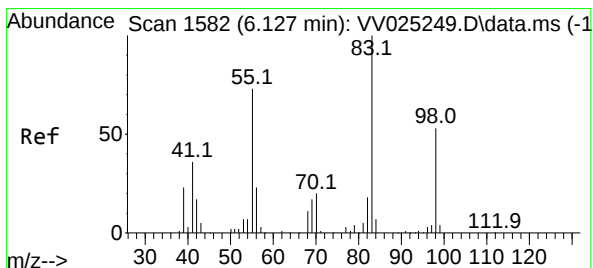
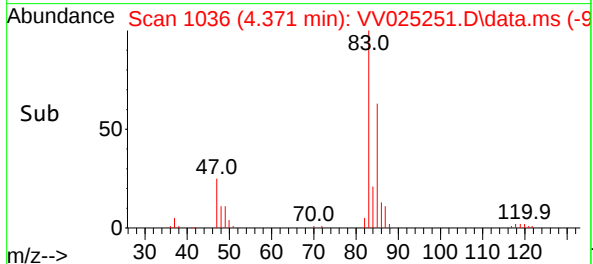
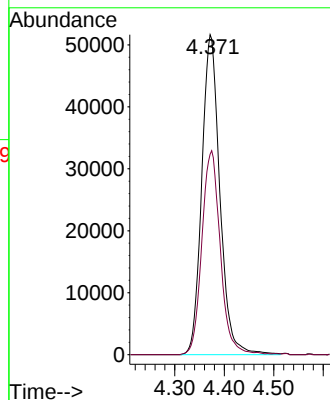
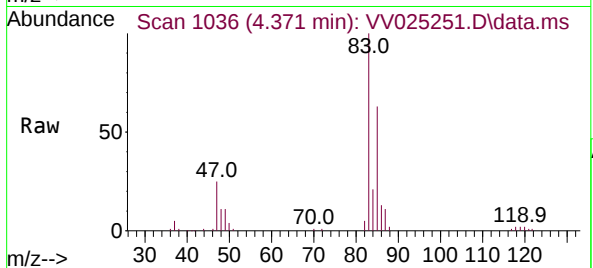
ClientSampleId :

Tgt Ion: 83 Resp: 131129

Ion Ratio Lower Upper

83 100

85 62.7 44.7 82.9



#35

Methylcyclohexane

Concen: 0.564 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025251.D

Acq: 28 Mar 2022 11:15

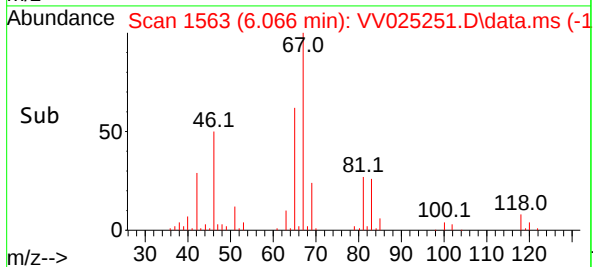
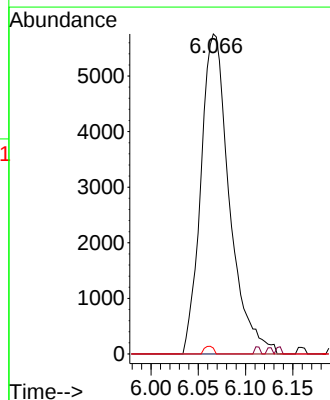
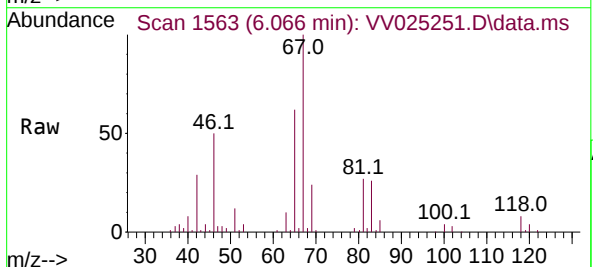
Tgt Ion: 83 Resp: 12098

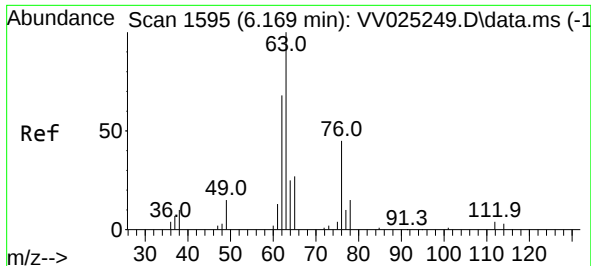
Ion Ratio Lower Upper

83 100

55 0.4 54.6 81.8#

98 0.8 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.431 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025251.D

Acq: 28 Mar 2022 11:15

Instrument :

MSVOA\_V

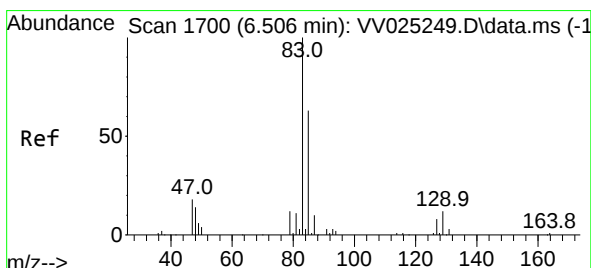
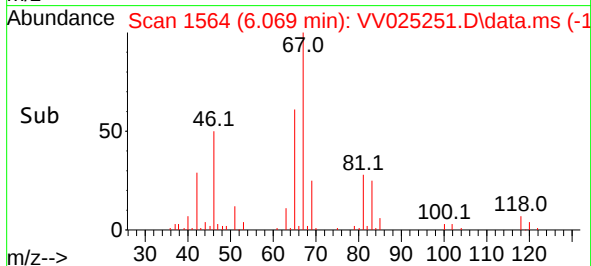
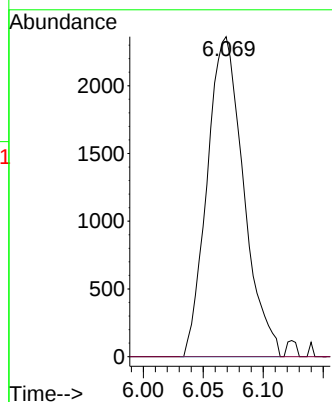
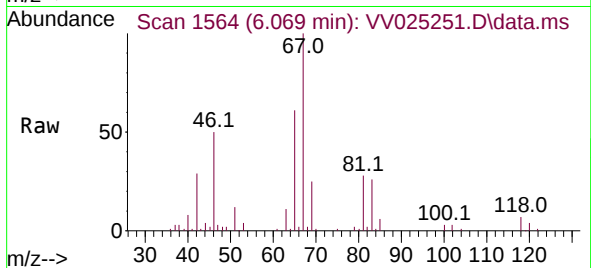
ClientSampleId :

Tgt Ion: 63 Resp: 4988

Ion Ratio Lower Upper

63 100

112 0.9 4.2 6.2#



#38

Bromodichloromethane

Concen: 1.043 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025251.D

Acq: 28 Mar 2022 11:15

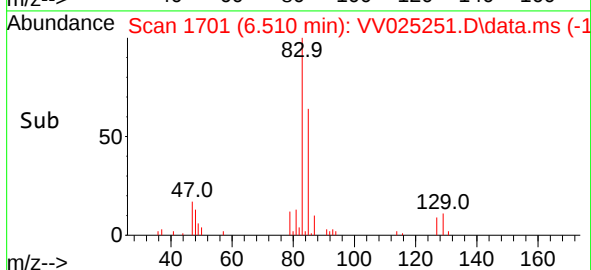
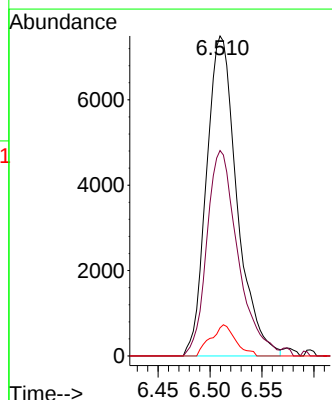
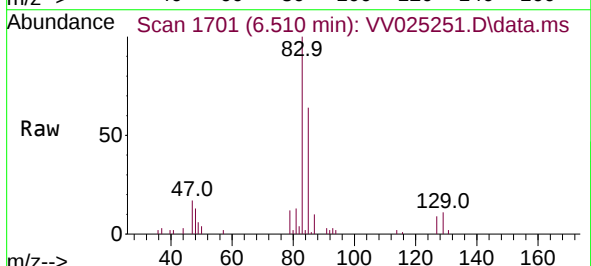
Tgt Ion: 83 Resp: 15285

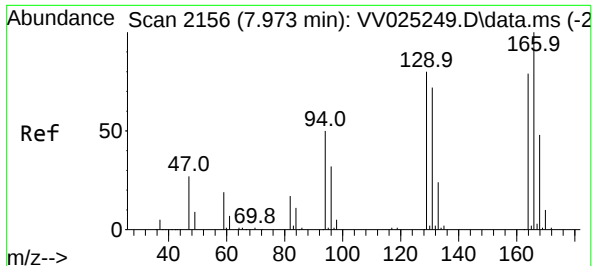
Ion Ratio Lower Upper

83 100

85 64.2 47.2 87.6

127 8.8 7.2 10.8





#47

Tetrachloroethene

Concen: 0.122 ug/L

RT: 7.982 min Scan# 2156

Delta R.T. 0.010 min

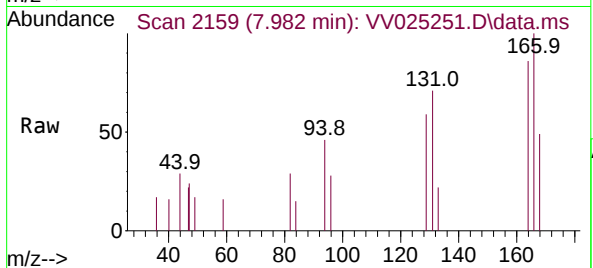
Lab File: VV025251.D

Acq: 28 Mar 2022 11:15

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:164 Resp: 1230

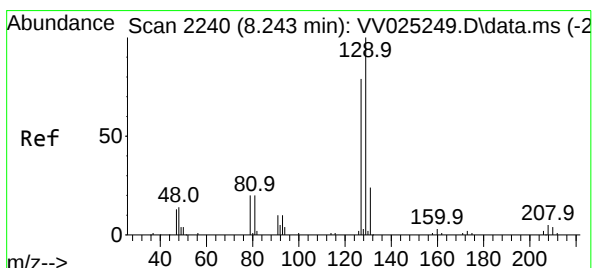
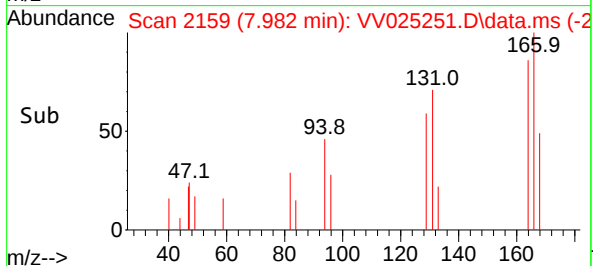
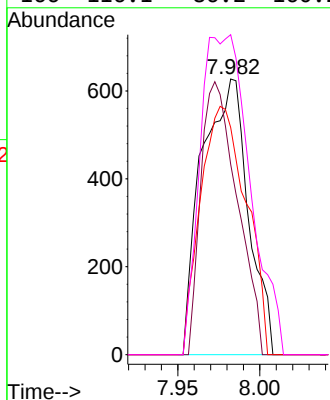
Ion Ratio Lower Upper

164 100

129 69.1 67.5 125.4

131 82.5 68.0 126.4

166 116.1 86.2 160.2



#49

Dibromochloromethane

Concen: 0.070 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VV025251.D

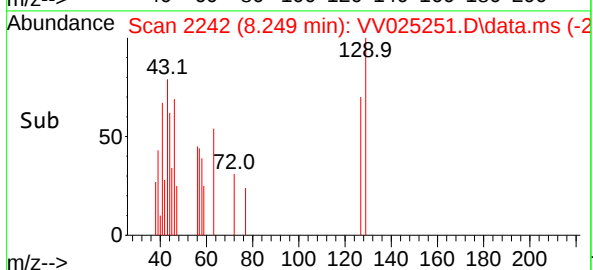
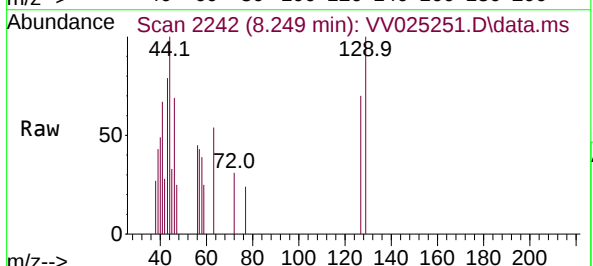
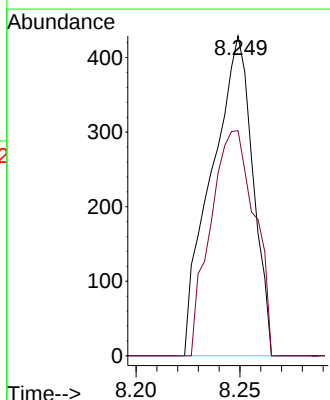
Acq: 28 Mar 2022 11:15

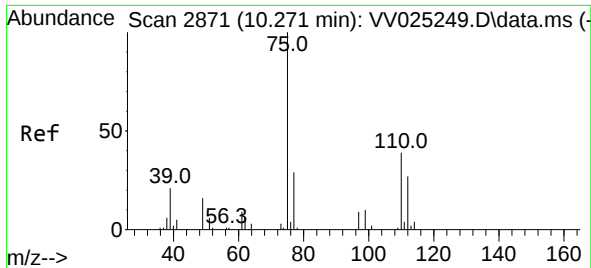
Tgt Ion:129 Resp: 593

Ion Ratio Lower Upper

129 100

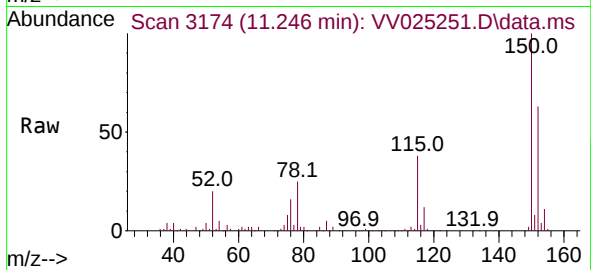
127 70.4 54.1 100.5





#61  
 1,2,3-Trichloropropane  
 Concen: 1.592 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV025251.D  
 Acq: 28 Mar 2022 11:15

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 8603  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.8 38.6  
 110 2.5 31.6 47.4#

