

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041522\  
 Data File : VW025587.D  
 Acq On : 15 Apr 2022 23:54  
 Operator : SY/MD  
 Sample : N2438-05  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6S3

Quant Time: Apr 16 04:49:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 16 04:36:16 2022  
 Response via : Initial Calibration

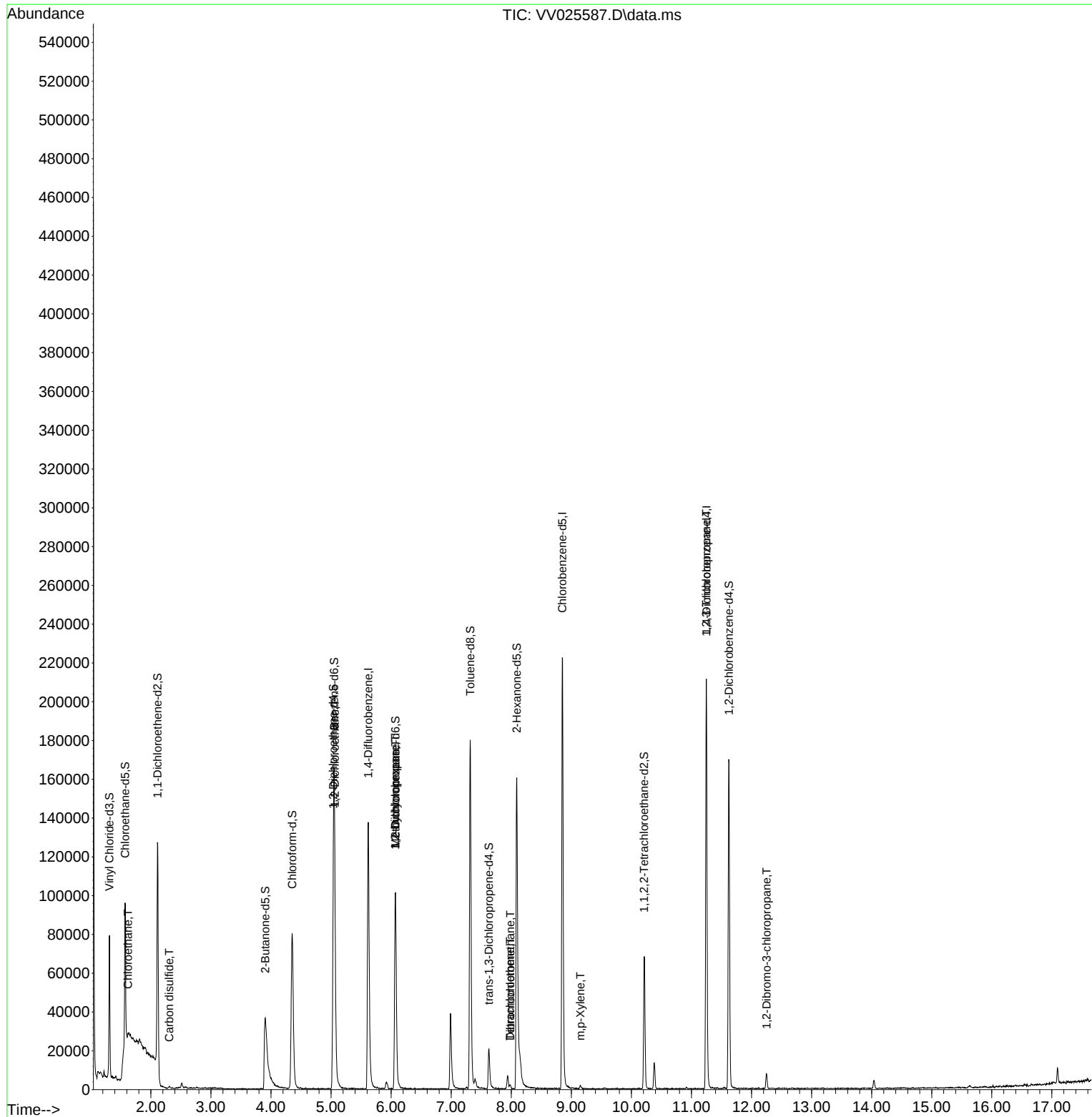
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 119119   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 123291   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 53998    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.310  | 65             | 41493    | 3.747  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 75.000%  |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 45263    | 3.842  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 76.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 67170    | 3.028  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 60.600%  |          |
| 20) 2-Butanone-d5             | 3.905  | 46             | 81896    | 60.794 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 121.580% |          |
| 24) Chloroform-d              | 4.352  | 84             | 85741    | 5.123  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 102.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 39772    | 5.516  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 110.400% |          |
| 32) Benzene-d6                | 5.053  | 84             | 151676   | 4.252  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 49662    | 4.992  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.800%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 122525   | 3.701  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79             | 13062    | 3.906  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 78.200%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 55321    | 47.138 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.280%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 33485    | 5.328  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 106.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 42995    | 4.749  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 95.000%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 8) Chloroethane               | 1.619  | 64             | 85639    | 8.397  | ug/L #   | 53       |
| 14) Carbon disulfide          | 2.307  | 76             | 1540     | 0.062  | ug/L #   | 75       |
| 27) 1,2-Dichloroethane        | 5.063  | 62             | 1005     | 0.123  | ug/L #   | 71       |
| 35) Methylcyclohexane         | 6.072  | 83             | 12117    | 0.785  | ug/L #   | 22       |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 5610     | 0.666  | ug/L #   | 88       |
| 47) Tetrachloroethene         | 7.982  | 164            | 620      | 0.082  | ug/L #   | 64       |
| 49) Dibromochloromethane      | 7.985  | 129            | 608      | 0.098  | ug/L #   | 11       |
| 53) m,p-Xylene                | 9.149  | 106            | 576      | 0.036  | ug/L     | 72       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 6797     | 1.911  | ug/L #   | 60       |
| 68) 1,2-Dibromo-3-chloropr... | 12.249 | 75             | 326      | 0.530  | ug/L #   | 2        |
| -----                         |        |                |          |        |          |          |

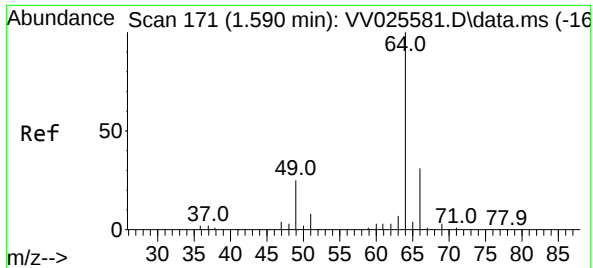
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N2438-05  
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QLast Update : Sat Apr 16 04:36:16 2022  
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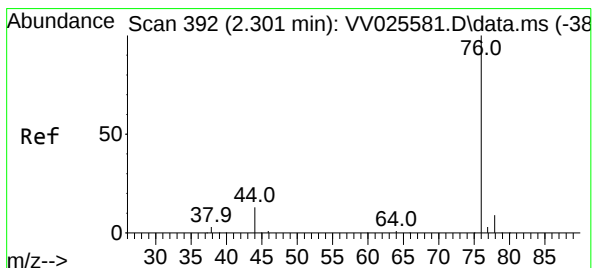
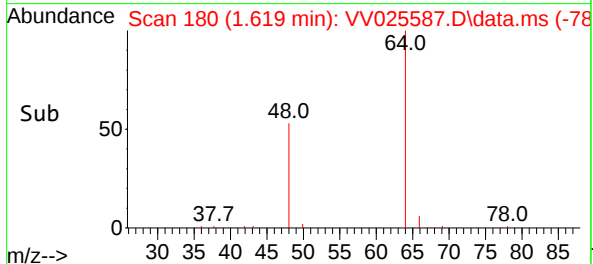
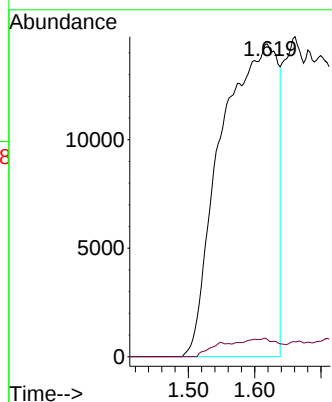
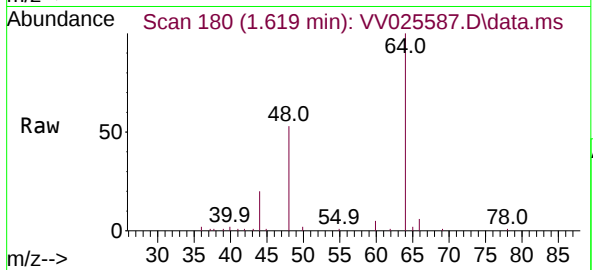




#8  
Chloroethane  
Concen: 8.397 ug/L  
RT: 1.619 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VV025587.D  
Acq: 15 Apr 2022 23:54

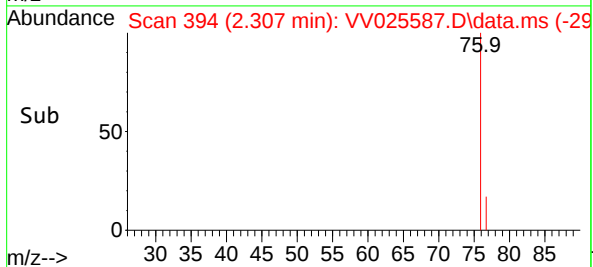
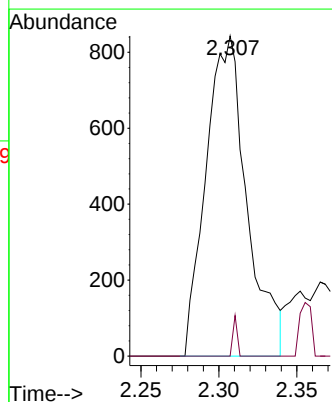
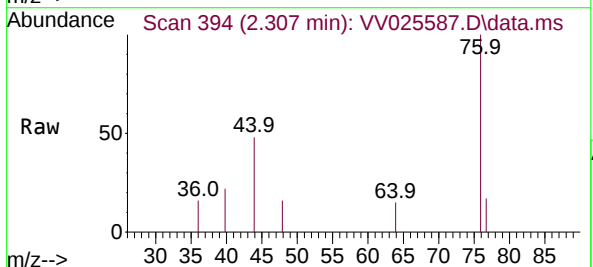
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6S3

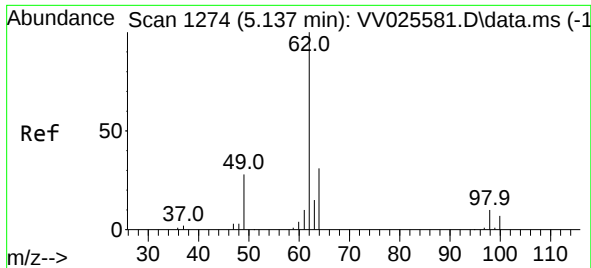
Tgt Ion: 64 Resp: 85639  
Ion Ratio Lower Upper  
64 100  
66 5.5 21.8 40.6#



#14  
Carbon disulfide  
Concen: 0.062 ug/L  
RT: 2.307 min Scan# 394  
Delta R.T. 0.006 min  
Lab File: VV025587.D  
Acq: 15 Apr 2022 23:54

Tgt Ion: 76 Resp: 1540  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.3 10.9#





#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.063 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV025587.D

Acq: 15 Apr 2022 23:54

Instrument :

MSVOA\_V

ClientSampleId :

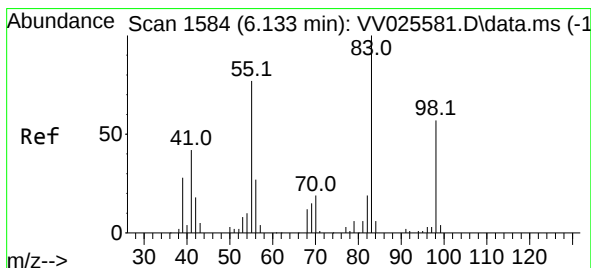
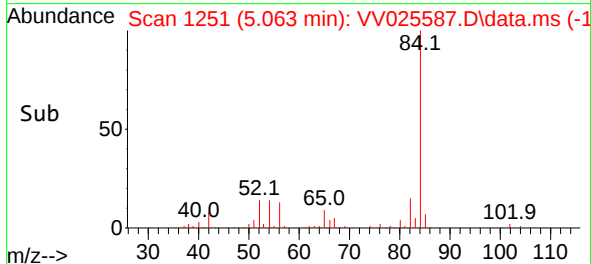
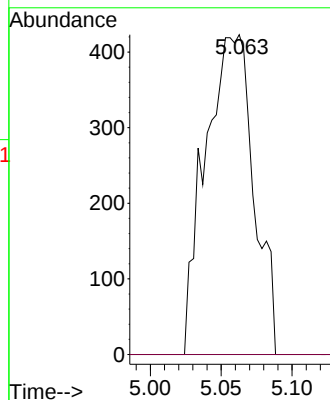
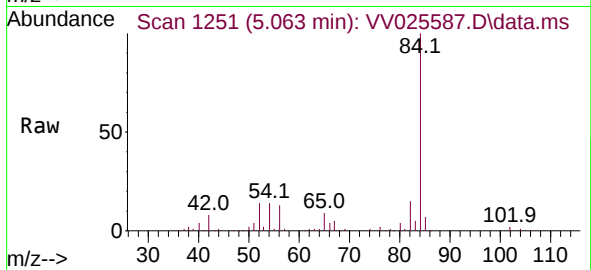
EW6S3

Tgt Ion: 62 Resp: 1005

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV025587.D

Acq: 15 Apr 2022 23:54

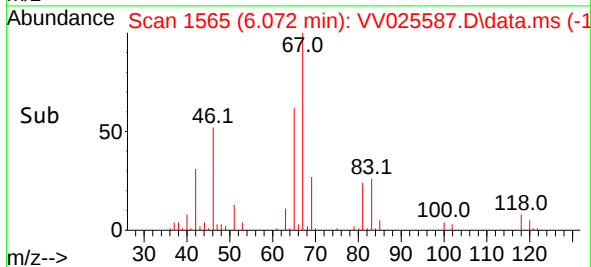
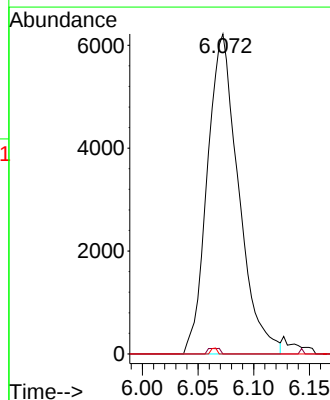
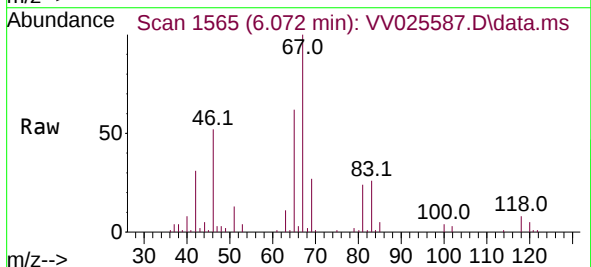
Tgt Ion: 83 Resp: 12117

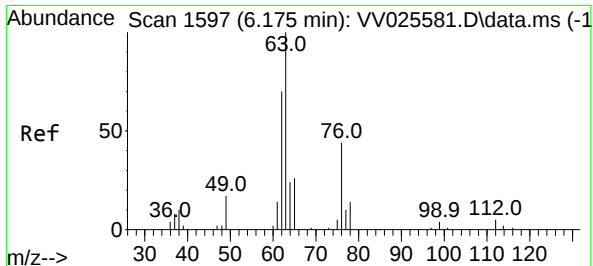
Ion Ratio Lower Upper

83 100

55 0.7 53.7 80.5#

98 0.4 39.6 59.4#

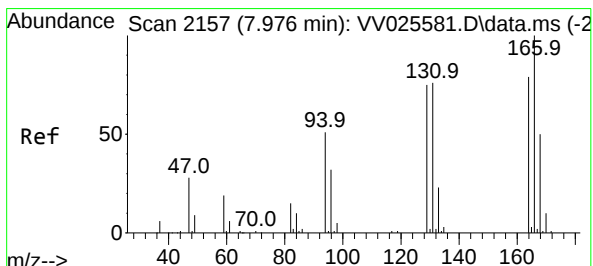
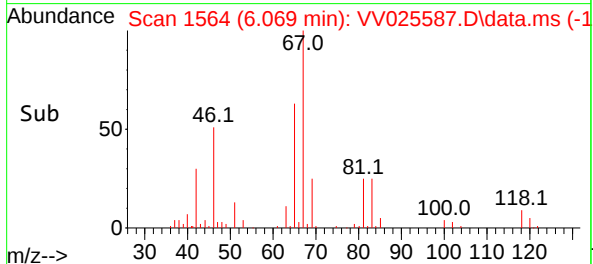
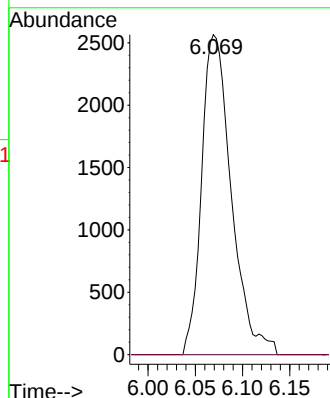
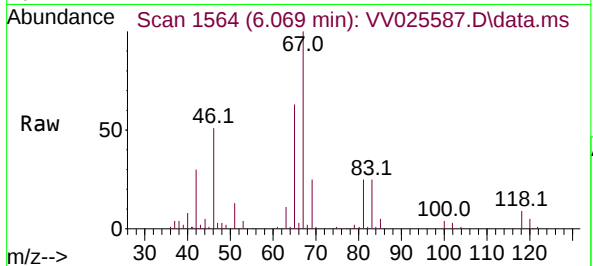




#37  
1,2-Dichloropropane  
Concen: 0.666 ug/L  
RT: 6.069 min Scan# 11  
Delta R.T. -0.106 min  
Lab File: VV025587.D  
Acq: 15 Apr 2022 23:54

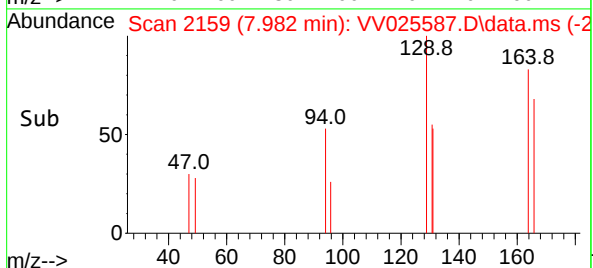
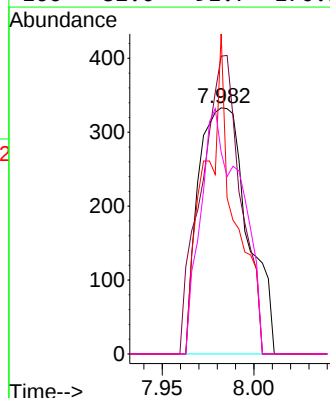
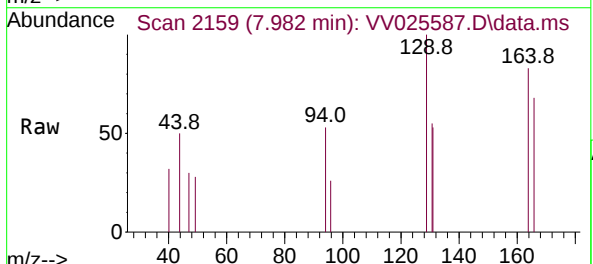
Instrument :  
MSVOA\_V  
ClientSampleId :  
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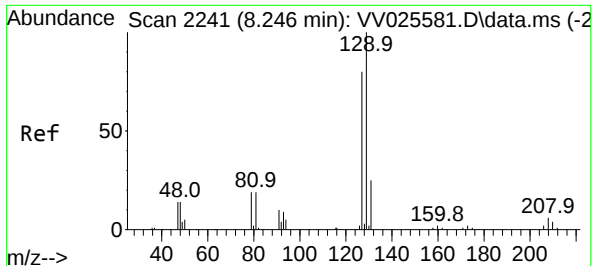
Tgt Ion: 63 Resp: 5610  
Ion Ratio Lower Upper  
63 100  
112 0.7 3.8 5.8#



#47  
Tetrachloroethene  
Concen: 0.082 ug/L  
RT: 7.982 min Scan# 2159  
Delta R.T. 0.006 min  
Lab File: VV025587.D  
Acq: 15 Apr 2022 23:54

Tgt Ion:164 Resp: 620  
Ion Ratio Lower Upper  
164 100  
129 121.0 66.8 124.2  
131 130.0 66.4 123.4#  
166 82.0 91.7 170.3#





#49

Dibromochloromethane

Concen: 0.098 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV025587.D

Acq: 15 Apr 2022 23:54

Instrument :

MSVOA\_V

ClientSampleId :

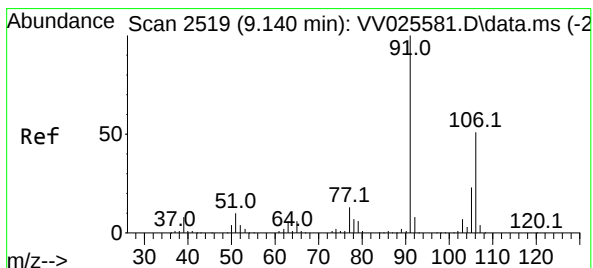
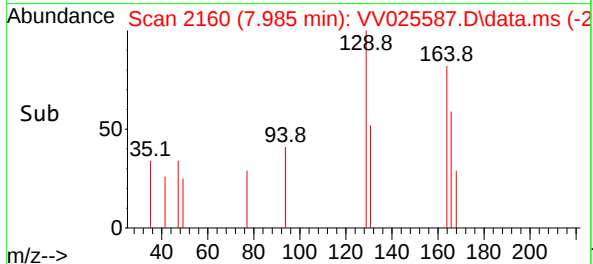
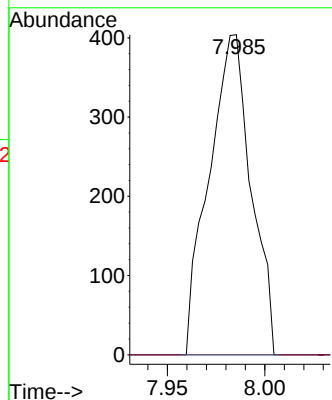
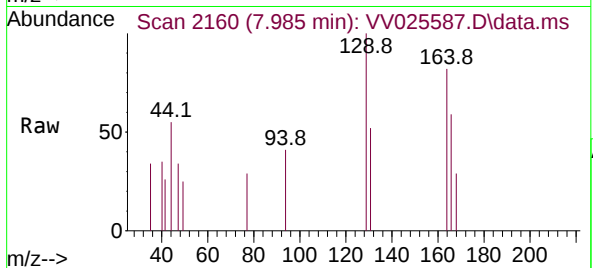
EW6S3

Tgt Ion:129 Resp: 608

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#53

m,p-Xylene

Concen: 0.036 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.010 min

Lab File: VV025587.D

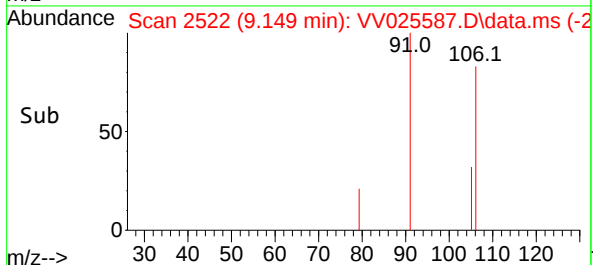
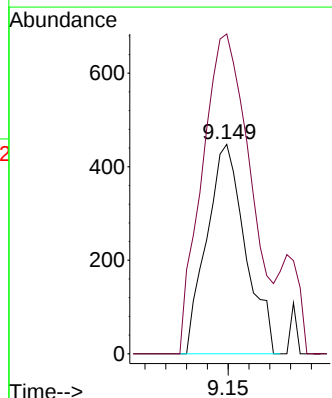
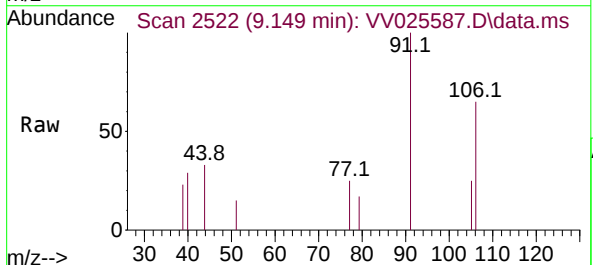
Acq: 15 Apr 2022 23:54

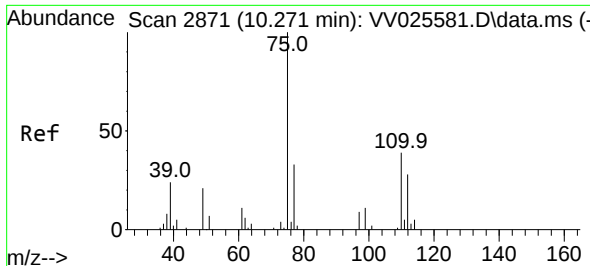
Tgt Ion:106 Resp: 576

Ion Ratio Lower Upper

106 100

91 152.7 136.4 253.4

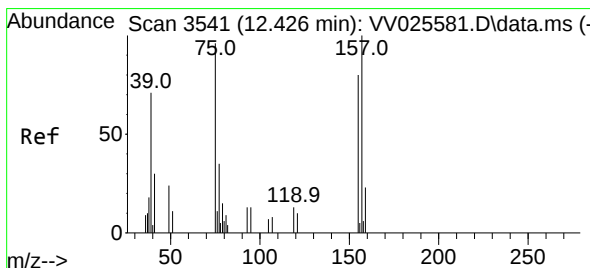
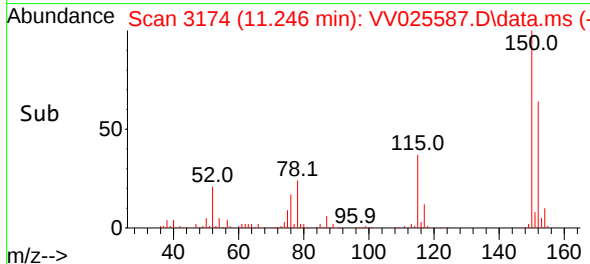
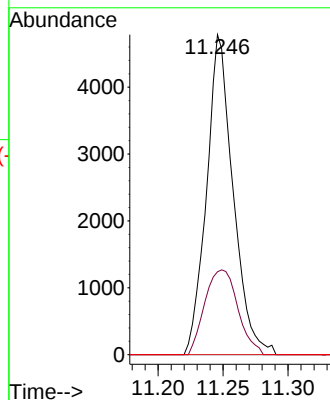
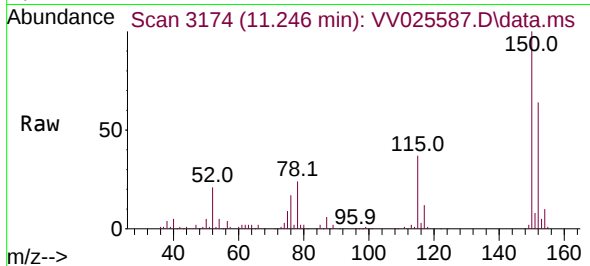




#61  
 1,2,3-Trichloropropane  
 Concen: 1.911 ug/L  
 RT: 11.246 min Scan# 3174  
 Delta R.T. 0.974 min  
 Lab File: VV025587.D  
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 MSVOA\_V  
 ClientSampleId :  
 EW6S3

Tgt Ion: 75 Resp: 6797  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 25.6 38.4  
 110 0.0 34.7 52.1#



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.530 ug/L  
 RT: 12.249 min Scan# 3486  
 Delta R.T. -0.177 min  
 Lab File: VV025587.D  
 Acq: 15 Apr 2022 23:54

Tgt Ion: 75 Resp: 326  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 65.8 98.8#  
 157 0.0 86.6 130.0#

