

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041522\  
 Data File : VW025593.D  
 Acq On : 16 Apr 2022 02:15  
 Operator : SY/MD  
 Sample : N2438-14  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW6T0

Quant Time: Apr 16 04:50:46 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

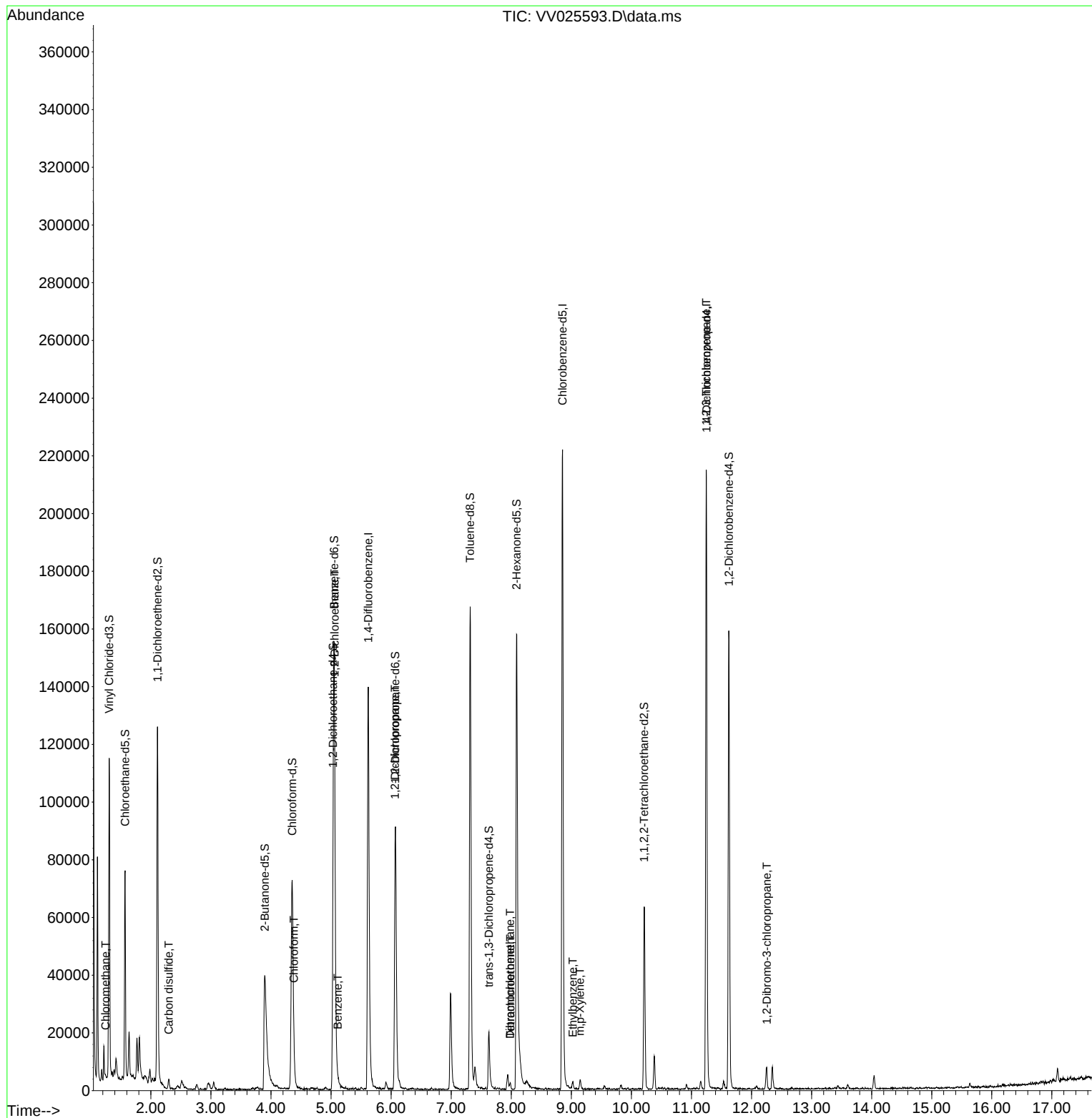
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 120217   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 122102   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 54184    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 41177    | 3.684    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 73.600%  |
| 7) Chloroethane-d5            | 1.571  | 69    | 43374    | 3.648    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 73.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 64199    | 2.867    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 57.400%# |
| 20) 2-Butanone-d5             | 3.896  | 46    | 72219    | 53.120   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.240% |
| 24) Chloroform-d              | 4.352  | 84    | 75155    | 4.450    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 37309    | 5.127    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.600% |
| 32) Benzene-d6                | 5.053  | 84    | 141041   | 3.992    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 45606    | 4.629    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 111515   | 3.401    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.000%# |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 11756    | 3.550    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 71.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 54371    | 46.779   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 29273    | 4.703    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 39510    | 4.349    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.246  | 50    | 626      | 0.053    | ug/L # | 50       |
| 14) Carbon disulfide          | 2.298  | 76    | 3620     | 0.145    | ug/L   | 97       |
| 25) Chloroform                | 4.381  | 83    | 1857     | 0.119    | ug/L   | 86       |
| 27) 1,2-Dichloroethane        | 5.060  | 62    | 772      | 0.094    | ug/L # | 71       |
| 33) Benzene                   | 5.111  | 78    | 2124     | 0.059    | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 5248     | 0.629    | ug/L # | 85       |
| 47) Tetrachloroethene         | 7.986  | 164   | 408      | 0.054    | ug/L   | 88       |
| 49) Dibromochloromethane      | 7.982  | 129   | 431      | 0.070    | ug/L # | 11       |
| 52) Ethylbenzene              | 9.024  | 91    | 1948     | 0.047    | ug/L # | 77       |
| 53) m,p-Xylene                | 9.143  | 106   | 1275     | 0.080    | ug/L   | 70       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 7057     | 1.978    | ug/L # | 60       |
| 68) 1,2-Dibromo-3-chloropr... | 12.255 | 75    | 184      | 0.298    | ug/L # | 2        |
| -----                         |        |       |          |          |        |          |

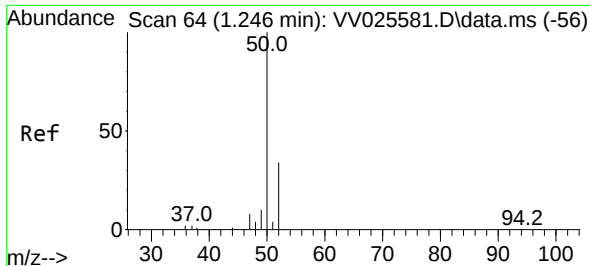
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041522\  
Data File : VV025593.D  
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Sample : N2438-14  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 39 Sample Multiplier: 1

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Quant Time: Apr 16 04:50:46 2022  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Apr 16 04:36:16 2022  
Response via : Initial Calibration

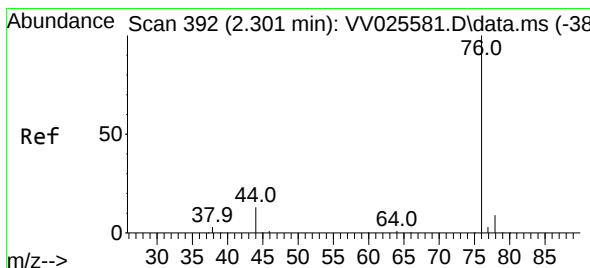
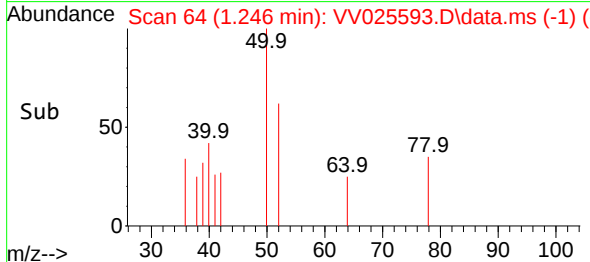
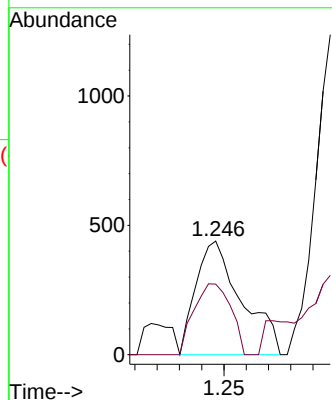
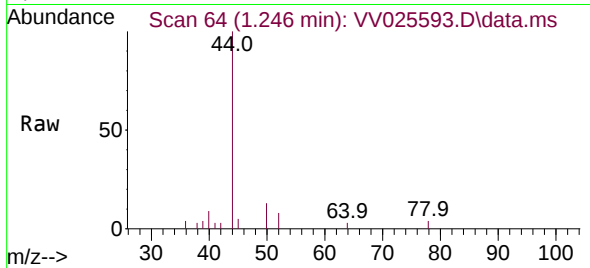




#3  
Chloromethane  
Concen: 0.053 ug/L  
RT: 1.246 min Scan# 64  
Delta R.T. 0.000 min  
Lab File: VV025593.D  
Acq: 16 Apr 2022 02:15

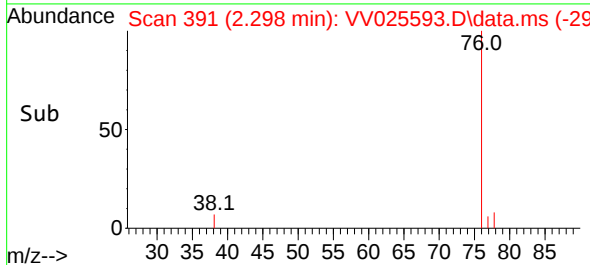
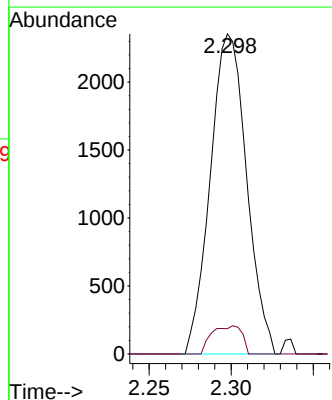
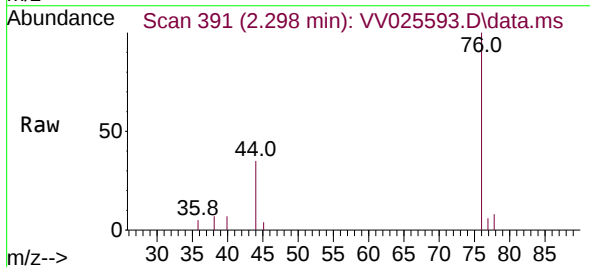
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6T0

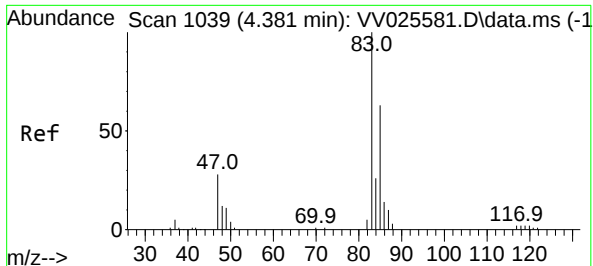
Tgt Ion: 50 Resp: 626  
Ion Ratio Lower Upper  
50 100  
52 62.2 23.7 43.9#



#14  
Carbon disulfide  
Concen: 0.145 ug/L  
RT: 2.298 min Scan# 391  
Delta R.T. -0.003 min  
Lab File: VV025593.D  
Acq: 16 Apr 2022 02:15

Tgt Ion: 76 Resp: 3620  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.3 10.9





#25

Chloroform

Concen: 0.119 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VV025593.D

Acq: 16 Apr 2022 02:15

Instrument :

MSVOA\_V

ClientSampleId :

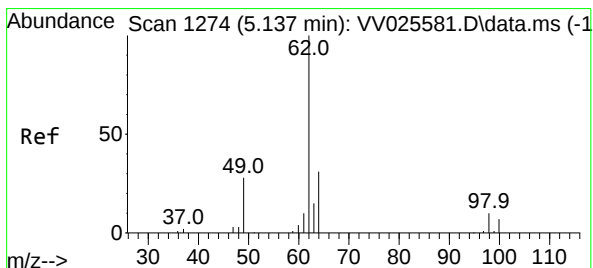
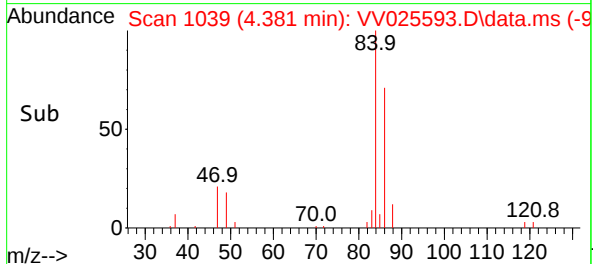
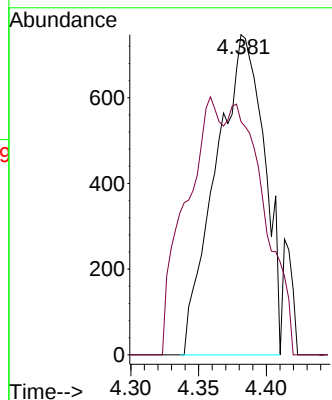
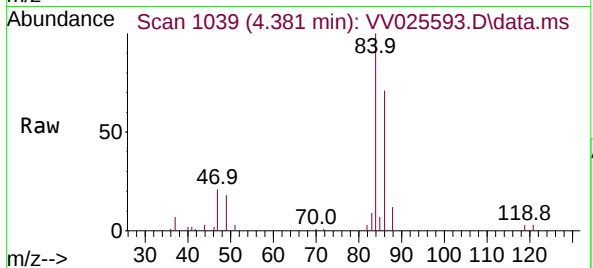
EW6T0

Tgt Ion: 83 Resp: 1857

Ion Ratio Lower Upper

83 100

85 72.8 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. -0.077 min

Lab File: VV025593.D

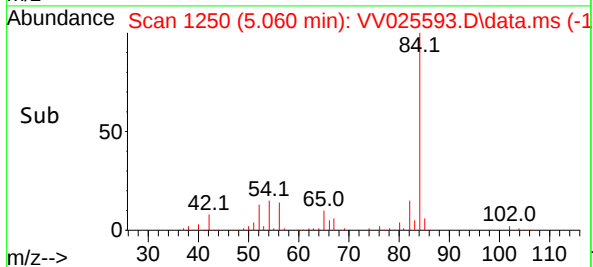
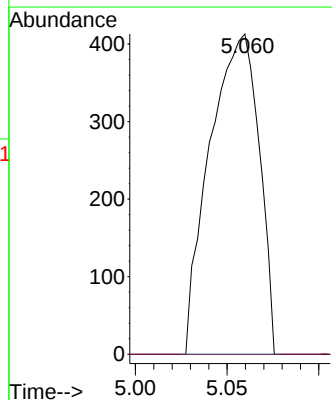
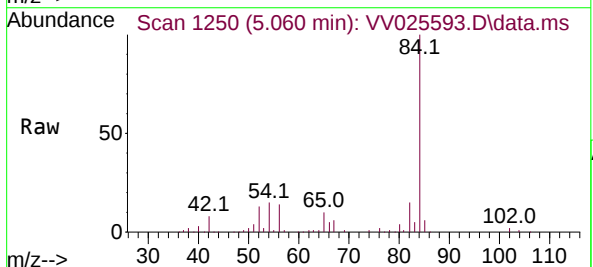
Acq: 16 Apr 2022 02:15

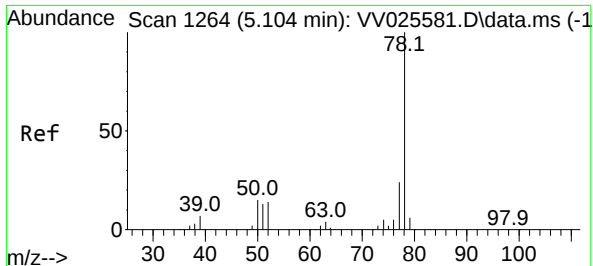
Tgt Ion: 62 Resp: 772

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#

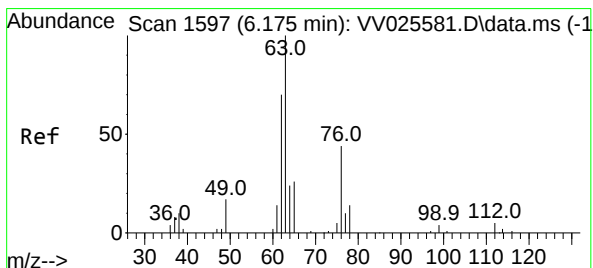
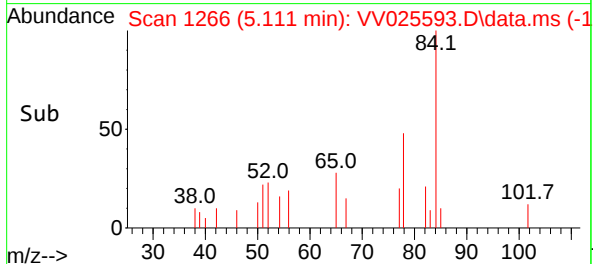
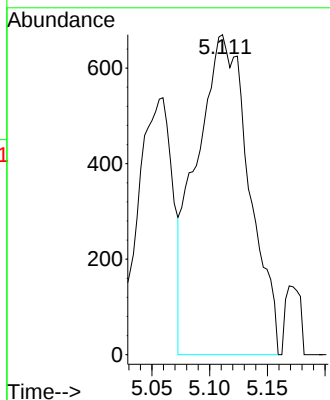
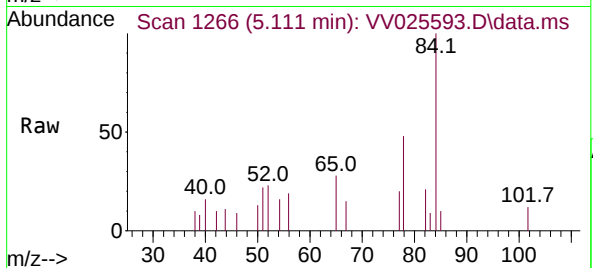




#33  
Benzene  
Concen: 0.059 ug/L  
RT: 5.111 min Scan# 1563  
Delta R.T. 0.007 min  
Lab File: VV025593.D  
Acq: 16 Apr 2022 02:15

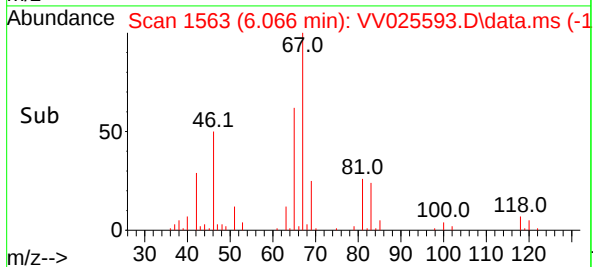
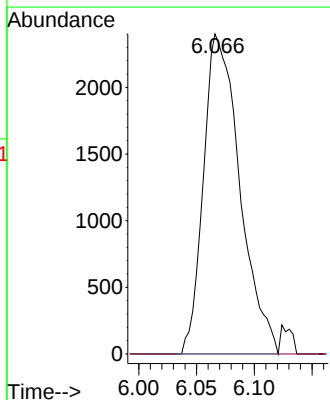
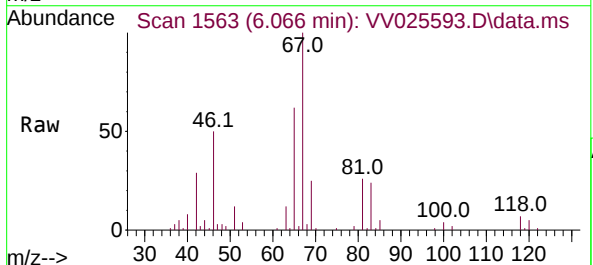
Instrument :  
MSVOA\_V  
ClientSampleId :  
EW6T0

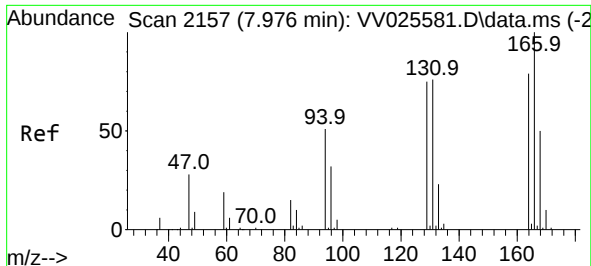
Tgt Ion: 78 Resp: 2124



#37  
1,2-Dichloropropane  
Concen: 0.629 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.109 min  
Lab File: VV025593.D  
Acq: 16 Apr 2022 02:15

Tgt Ion: 63 Resp: 5248  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#





#47

Tetrachloroethene

Concen: 0.054 ug/L

RT: 7.986 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV025593.D

Acq: 16 Apr 2022 02:15

Instrument :

MSVOA\_V

ClientSampleId :

EW6T0

Tgt Ion:164 Resp: 408

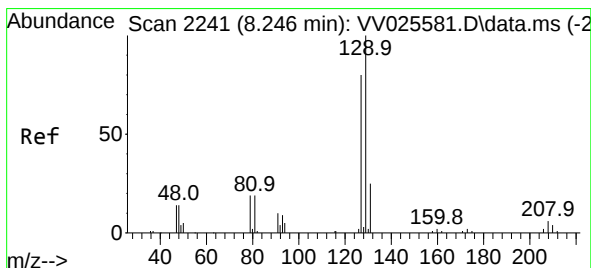
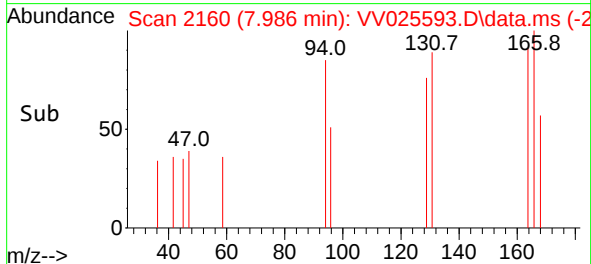
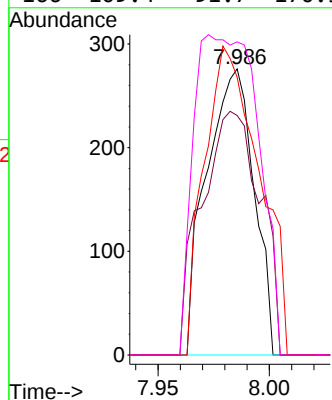
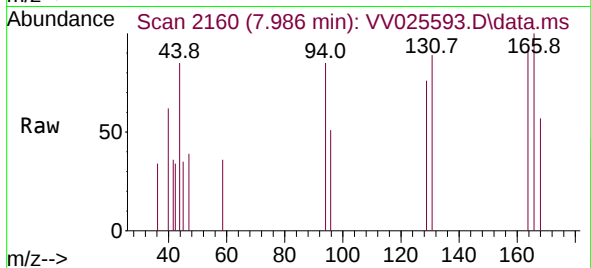
Ion Ratio Lower Upper

164 100

129 83.7 66.8 124.2

131 97.1 66.4 123.4

166 109.4 91.7 170.3



#49

Dibromochloromethane

Concen: 0.070 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.263 min

Lab File: VV025593.D

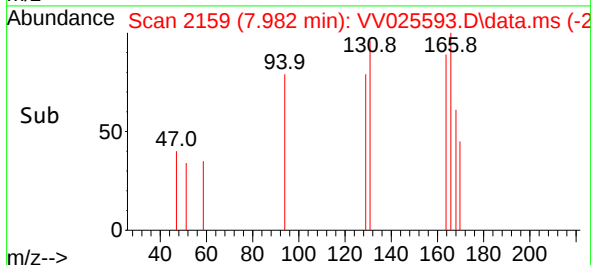
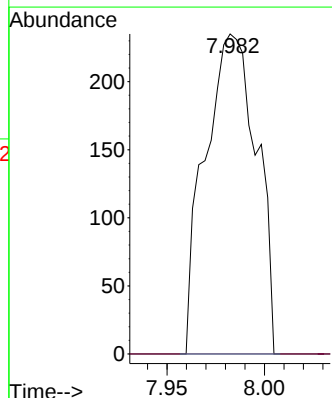
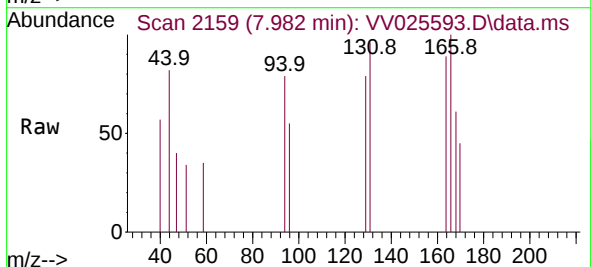
Acq: 16 Apr 2022 02:15

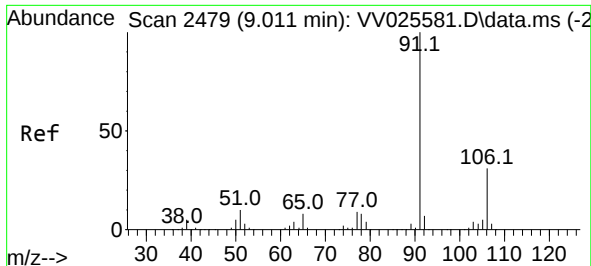
Tgt Ion:129 Resp: 431

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.047 ug/L

RT: 9.024 min Scan# 24

Delta R.T. 0.013 min

Lab File: VV025593.D

Acq: 16 Apr 2022 02:15

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MSVOA\_V

ClientSampleId :

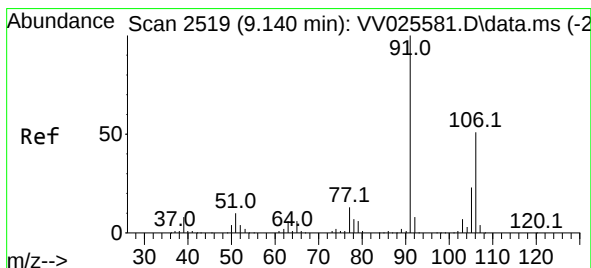
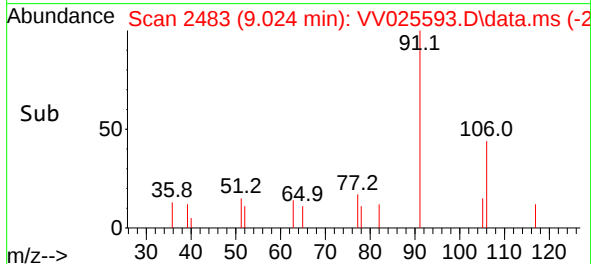
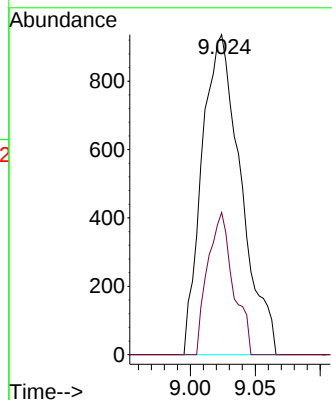
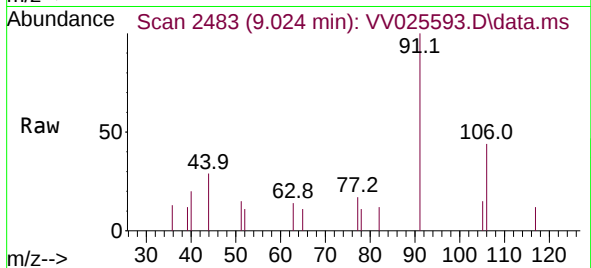
EW6T0

Tgt Ion: 91 Resp: 1948

Ion Ratio Lower Upper

91 100

106 44.4 22.3 41.3#



#53

m,p-Xylene

Concen: 0.080 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV025593.D

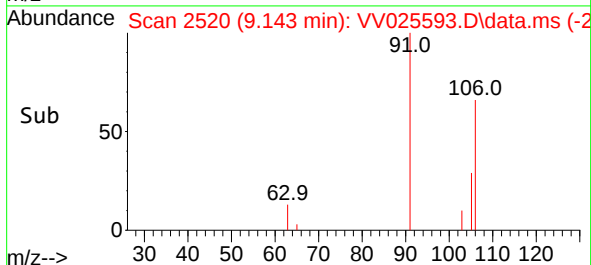
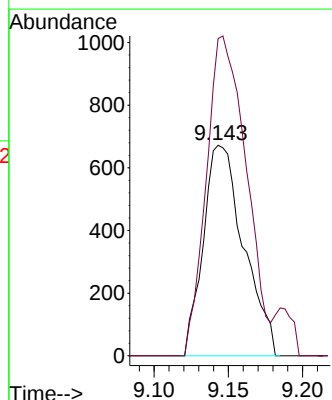
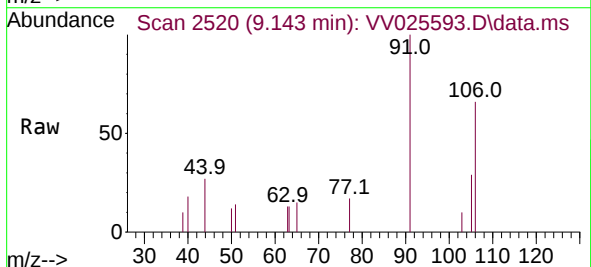
Acq: 16 Apr 2022 02:15

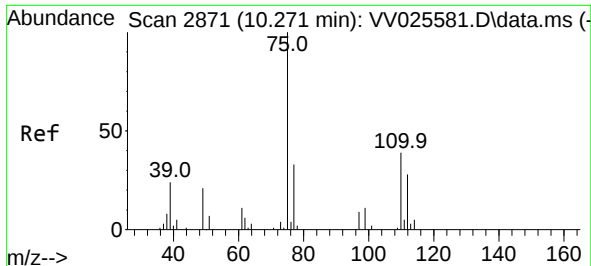
Tgt Ion: 106 Resp: 1275

Ion Ratio Lower Upper

106 100

91 150.7 136.4 253.4

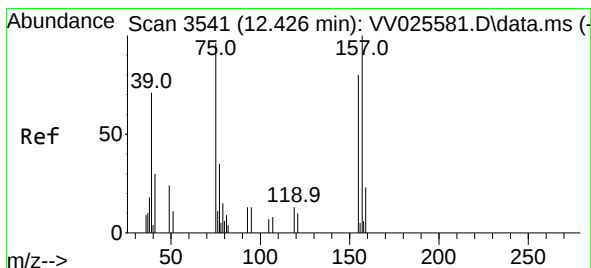
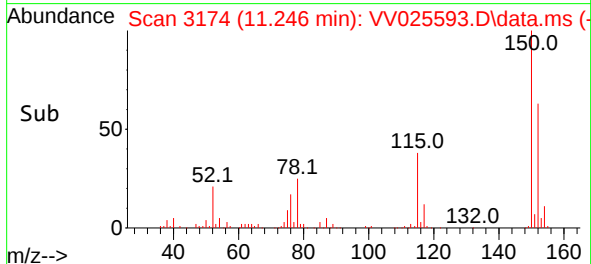
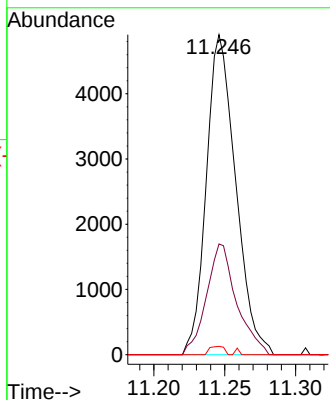
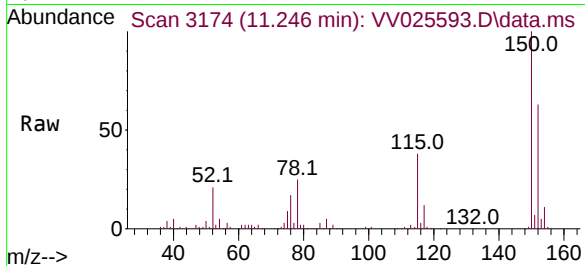




#61  
 1,2,3-Trichloropropane  
 Concen: 1.978 ug/L  
 RT: 11.246 min Scan# 3174  
 Delta R.T. 0.974 min  
 Lab File: VV025593.D  
 Acq: 16 Apr 2022 02:15

Instrument :  
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 EW6T0

Tgt Ion: 75 Resp: 7057  
 Ion Ratio Lower Upper  
 75 100  
 77 35.5 25.6 38.4  
 110 1.3 34.7 52.1#



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.298 ug/L  
 RT: 12.255 min Scan# 3488  
 Delta R.T. -0.170 min  
 Lab File: VV025593.D  
 Acq: 16 Apr 2022 02:15

Tgt Ion: 75 Resp: 184  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 65.8 98.8#  
 157 0.0 86.6 130.0#

