

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121521\  
 Data File : VW023981.D  
 Acq On : 15 Dec 2021 13:37  
 Operator : SY/MD  
 Sample : M5005-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

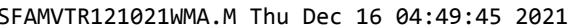
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW218

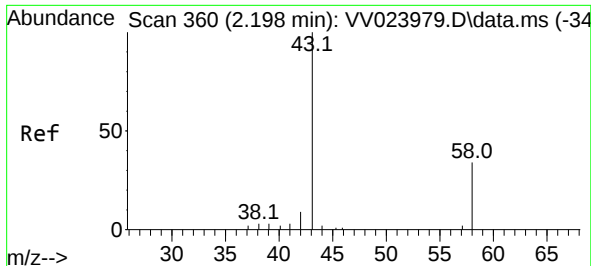
Quant Time: Dec 16 04:49:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 16 04:44:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 97203    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 103167   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 51595    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 18504    | 3.541    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 70.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 18747    | 4.300    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 86.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63    | 26713    | 2.619    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 52.400%# |
| 20) 2-Butanone-d5             | 3.905  | 46    | 39492    | 38.683   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 77.360%  |
| 24) Chloroform-d              | 4.342  | 84    | 68519    | 5.789    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 115.800% |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 28945    | 5.252    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.000% |
| 32) Benzene-d6                | 5.043  | 84    | 86645    | 4.240    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 29291    | 4.751    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.000%  |
| 41) Toluene-d8                | 7.313  | 98    | 64248    | 3.492    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.800%# |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 10566    | 4.131    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 52673    | 46.007   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 92.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84    | 24188    | 4.730    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 36057    | 5.232    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.600% |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 2.198  | 43    | 1665     | 2.039    | ug/L   | 74       |
| 25) Chloroform                | 4.368  | 83    | 238672   | 16.571   | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.063  | 63    | 3574     | 0.515    | ug/L # | 84       |
| 38) Bromodichloromethane      | 6.506  | 83    | 27454    | 2.794    | ug/L   | 97       |
| 42) Toluene                   | 7.390  | 91    | 5754     | 0.175    | ug/L   | 100      |
| 49) Dibromochloromethane      | 8.246  | 129   | 934      | 0.134    | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 5611     | 1.596    | ug/L # | 64       |

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

Quant Time: Dec 16 04:49:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 16 04:44:29 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 2.039 ug/L

RT: 2.198 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV023981.D

Acq: 15 Dec 2021 13:37

Instrument :

MSVOA\_V

ClientSampleId :

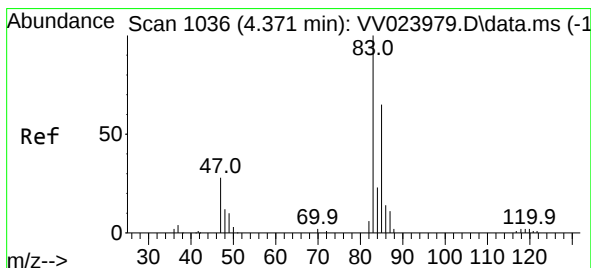
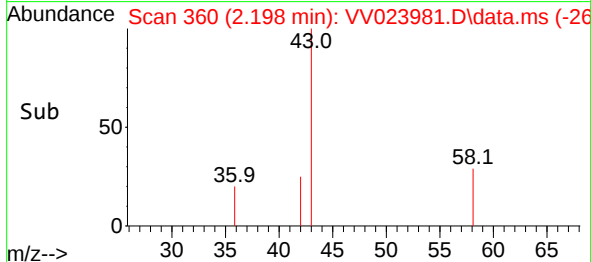
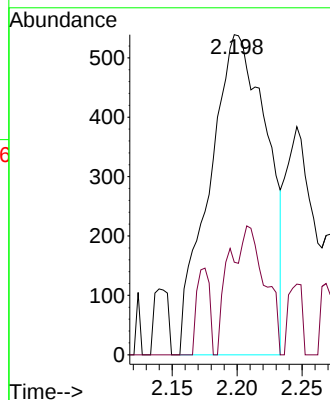
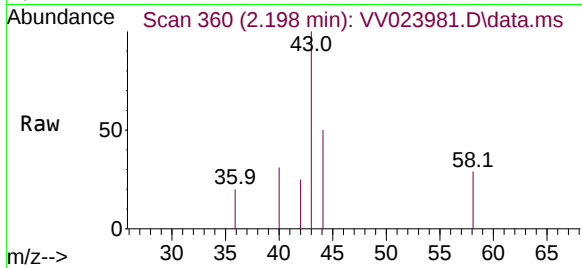
EW218

Tgt Ion: 43 Resp: 1665

Ion Ratio Lower Upper

43 100

58 8.6 0.0 41.4



#25

Chloroform

Concen: 16.571 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV023981.D

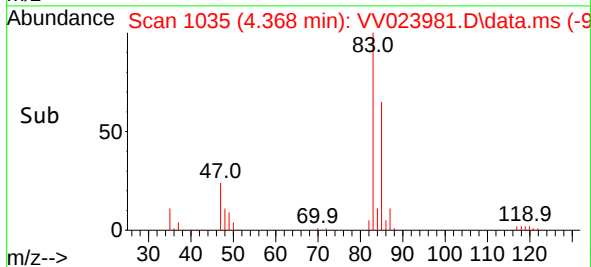
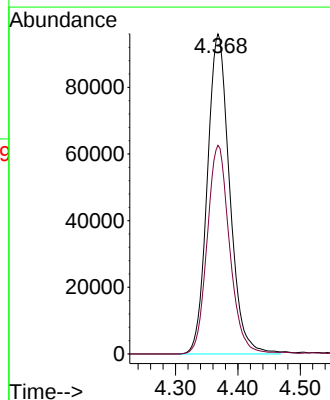
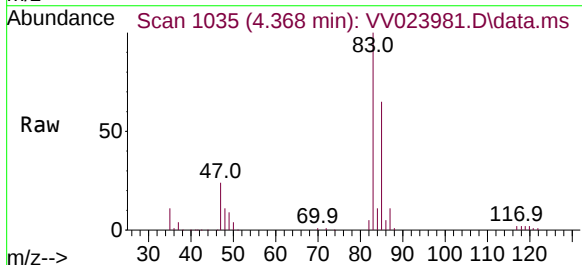
Acq: 15 Dec 2021 13:37

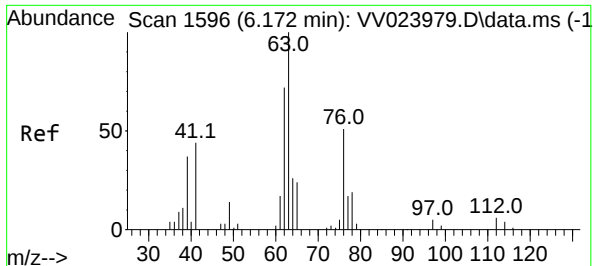
Tgt Ion: 83 Resp: 238672

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.109 min

Lab File: VV023981.D

Acq: 15 Dec 2021 13:37

Instrument :

MSVOA\_V

ClientSampleId :

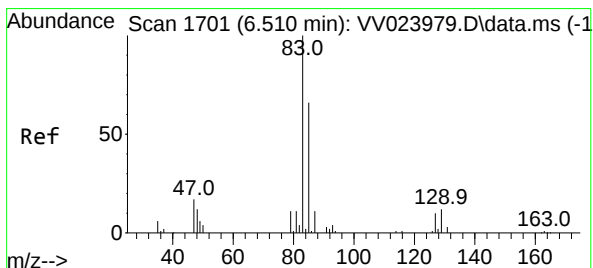
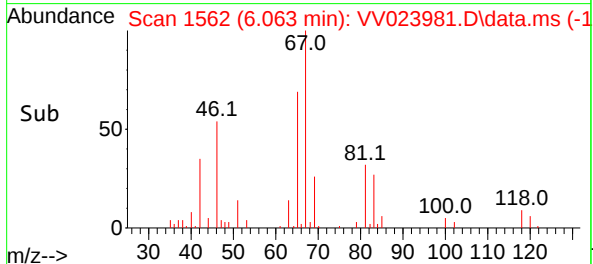
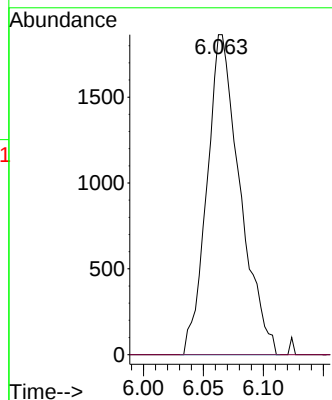
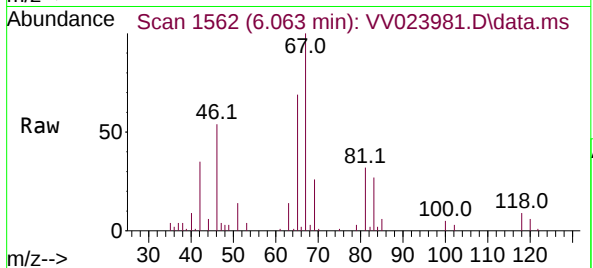
EW218

Tgt Ion: 63 Resp: 3574

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#38

Bromodichloromethane

Concen: 2.794 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV023981.D

Acq: 15 Dec 2021 13:37

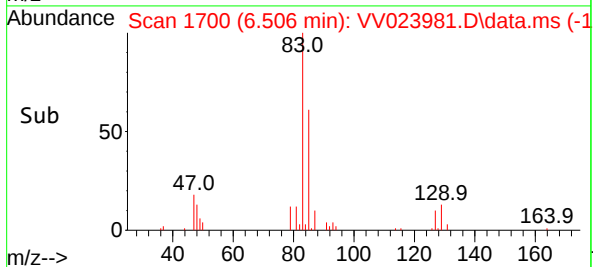
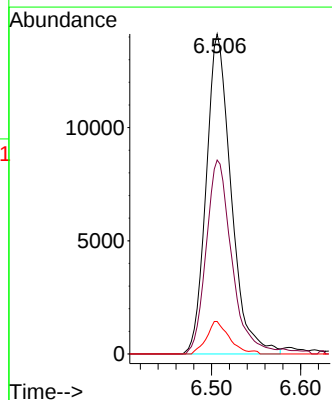
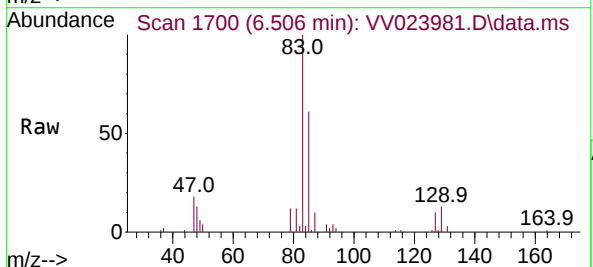
Tgt Ion: 83 Resp: 27454

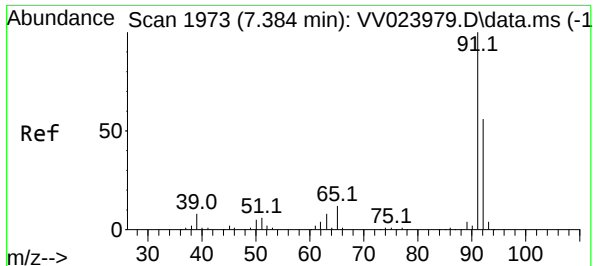
Ion Ratio Lower Upper

83 100

85 60.6 44.0 81.8

127 10.2 8.6 12.8





#42

Toluene

Concen: 0.175 ug/L

RT: 7.390 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV023981.D

Acq: 15 Dec 2021 13:37

Instrument :

MSVOA\_V

ClientSampleId :

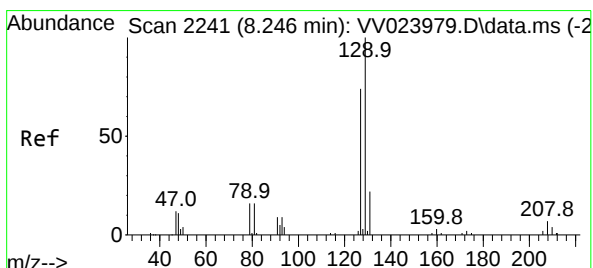
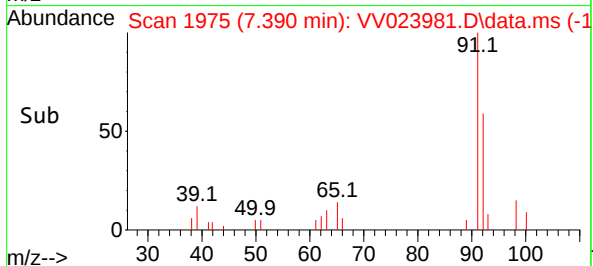
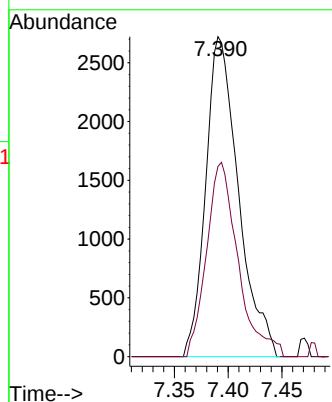
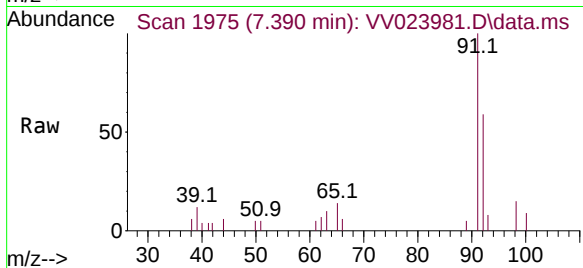
EW218

Tgt Ion: 91 Resp: 5754

Ion Ratio Lower Upper

91 100

92 59.4 41.5 77.1



#49

Dibromochloromethane

Concen: 0.134 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VV023981.D

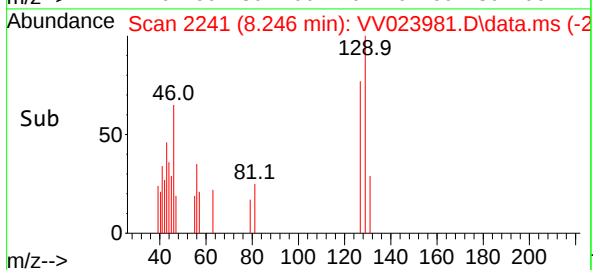
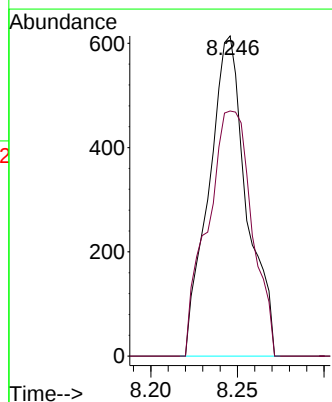
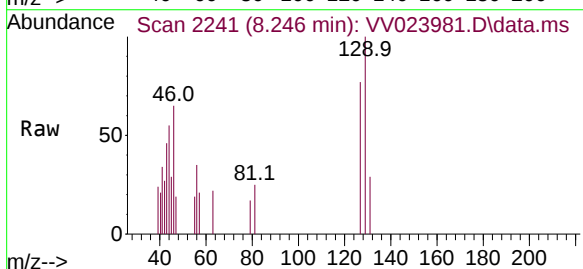
Acq: 15 Dec 2021 13:37

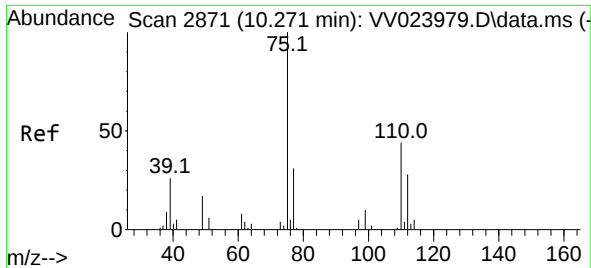
Tgt Ion: 129 Resp: 934

Ion Ratio Lower Upper

129 100

127 76.5 53.5 99.3





#61  
 1,2,3-Trichloropropane  
 Concen: 1.596 ug/L  
 RT: 11.249 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV023981.D  
 Acq: 15 Dec 2021 13:37

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW218

Tgt Ion: 75 Resp: 5611  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 26.4 39.6  
 110 2.4 34.2 51.2#

