

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021622\  
 Data File : VW024697.D  
 Acq On : 16 Feb 2022 15:30  
 Operator : SY/MD  
 Sample : N1480-12DL 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

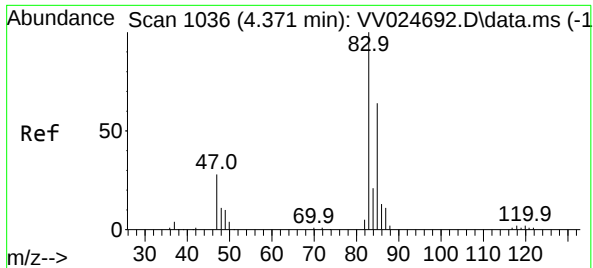
Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 16 23:37:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Feb 16 23:36:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 145697   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 148703   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 73979    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 44471    | 3.641  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 72.800%  |          |
| 7) Chloroethane-d5            | 1.571  | 69             | 47401    | 4.591  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 72055    | 2.697  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 54.000%# |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 101118   | 49.875 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 99.760%  |          |
| 24) Chloroform-d              | 4.349  | 84             | 99918    | 4.649  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 48409    | 4.963  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 99.200%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 199650   | 4.732  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 61615    | 4.695  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.000%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 170531   | 4.334  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 20255    | 3.822  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 76.400%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 86958    | 46.575 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.160%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 37509    | 4.801  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 58299    | 4.889  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 97.800%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 25) Chloroform                | 4.371  | 83             | 1968     | 0.073  | ug/L     | 96       |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 1120     | 0.076  | ug/L #   | 73       |
| 33) Benzene                   | 5.108  | 78             | 6771     | 0.117  | ug/L     | 100      |
| 37) 1,2-Dichloropropane       | 6.069  | 63             | 7311     | 0.520  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1397     | 0.065  | ug/L #   | 27       |
| 51) Chlorobenzene             | 8.879  | 112            | 249311   | 6.435  | ug/L     | 94       |
| 60) Isopropylbenzene          | 9.931  | 105            | 3526     | 0.053  | ug/L #   | 81       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75             | 768      | 0.105  | ug/L #   | 37       |
| 65) 1,4-Dichlorobenzene       | 11.272 | 146            | 11432    | 0.421  | ug/L     | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 12.252 | 75             | 228      | 0.161  | ug/L #   | 1        |
| -----                         |        |                |          |        |          |          |

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

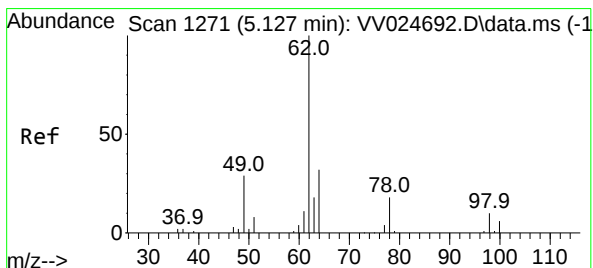
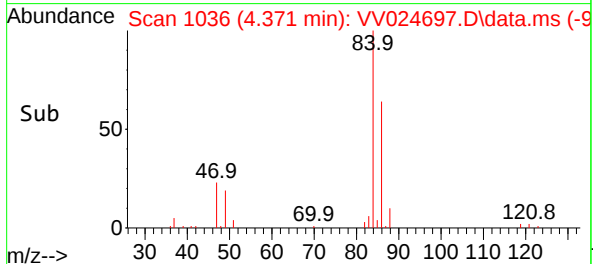
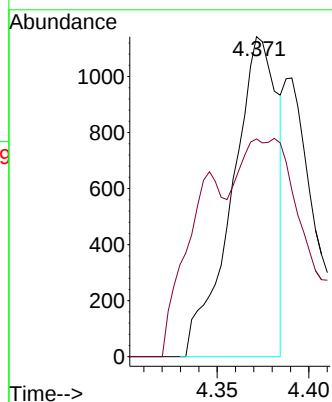
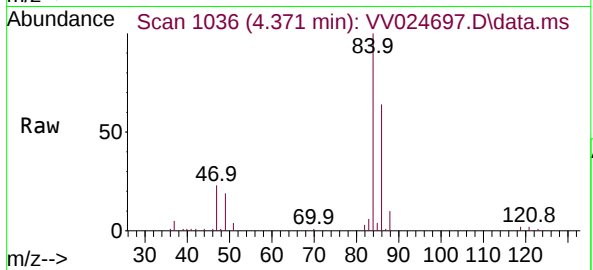




#25  
Chloroform  
Concen: 0.073 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

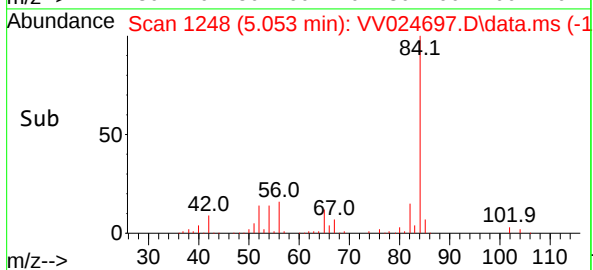
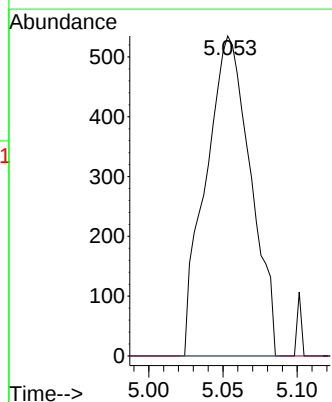
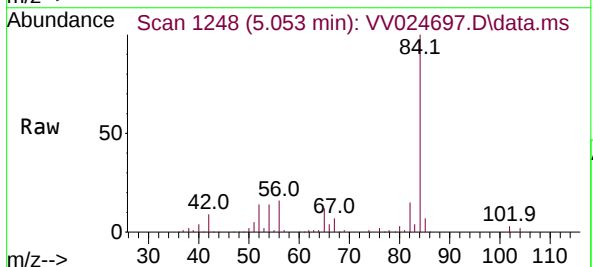
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MSVOA\_V  
ClientSampleId :

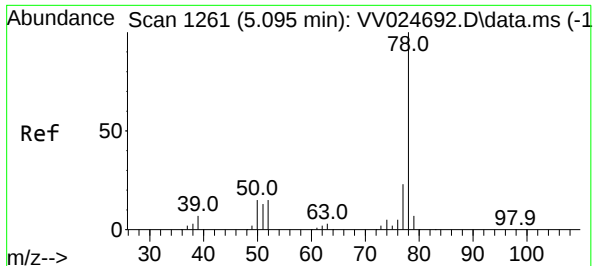
Tgt Ion: 83 Resp: 1968  
Ion Ratio Lower Upper  
83 100  
85 68.0 45.2 84.0



#27  
1,2-Dichloroethane  
Concen: 0.076 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.074 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

Tgt Ion: 62 Resp: 1120  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.1 12.1#

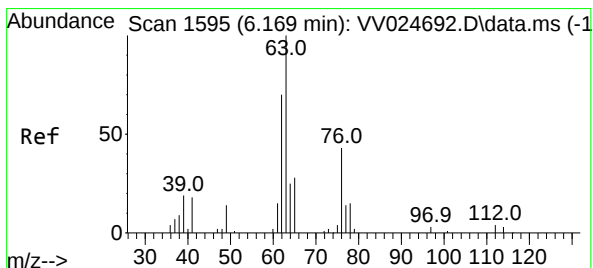
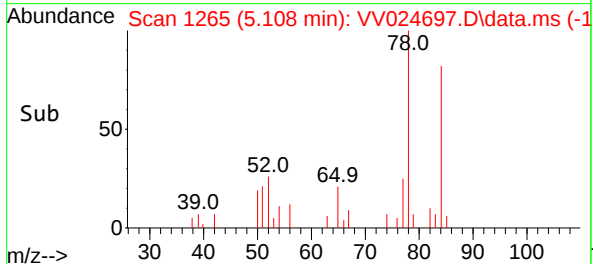
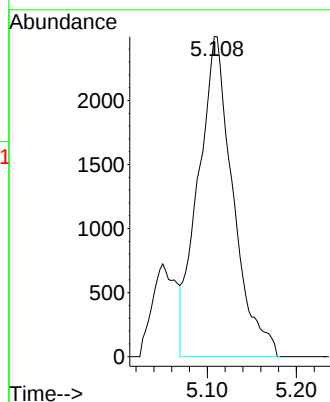
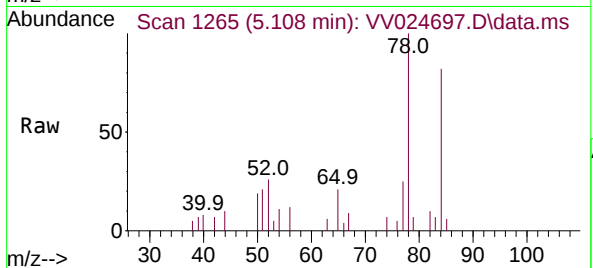




#33  
Benzene  
Concen: 0.117 ug/L  
RT: 5.108 min Scan# 11  
Delta R.T. 0.013 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

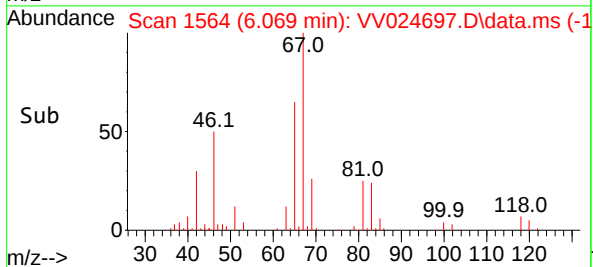
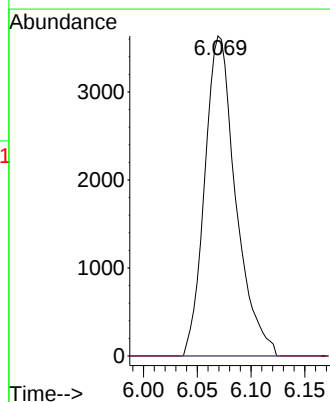
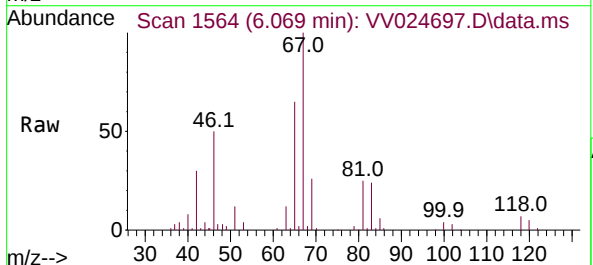
Instrument :  
MSVOA\_V  
ClientSampleId :

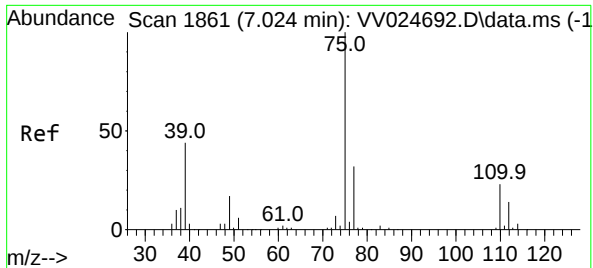
Tgt Ion: 78 Resp: 6771



#37  
1,2-Dichloropropane  
Concen: 0.520 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.100 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

Tgt Ion: 63 Resp: 7311  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.3 6.5#

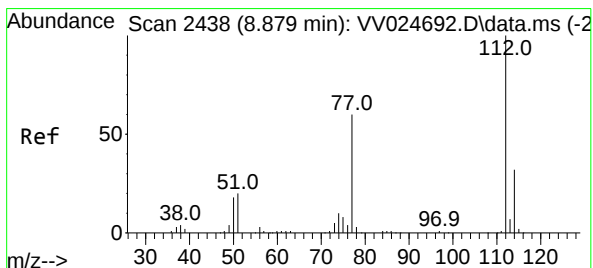
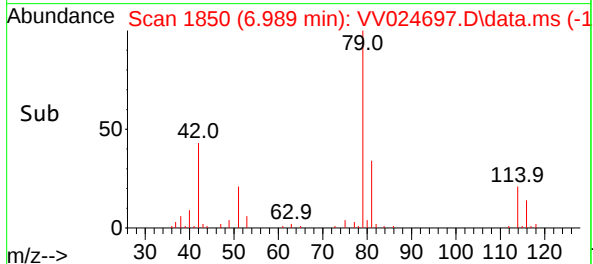
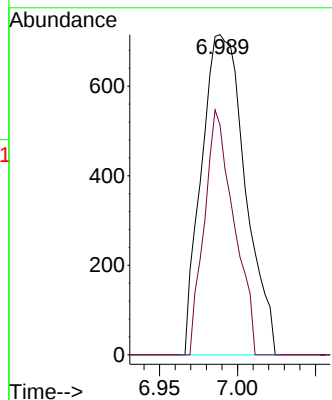
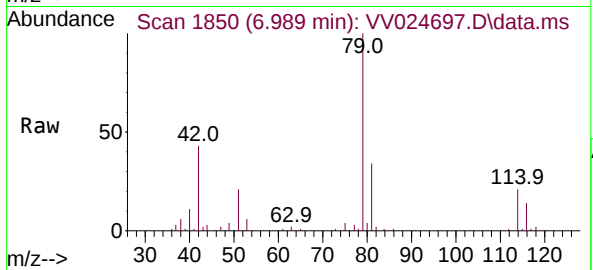




#39  
cis-1,3-Dichloropropene  
Concen: 0.065 ug/L  
RT: 6.989 min Scan# 1850  
Delta R.T. -0.035 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

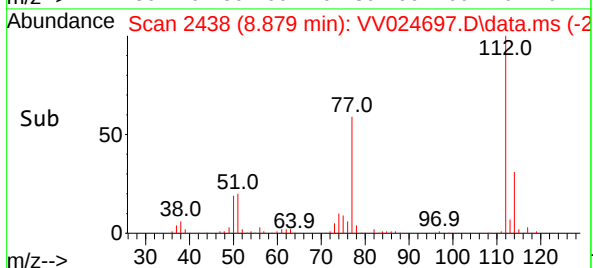
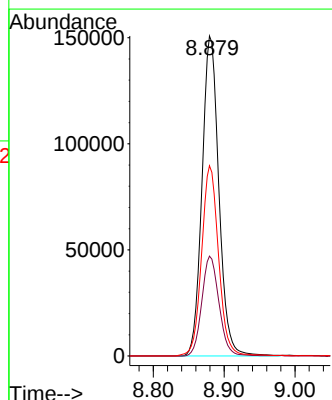
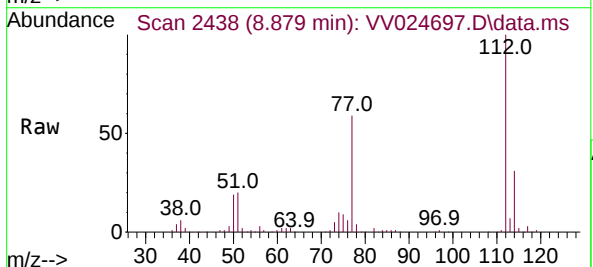
Instrument :  
MSVOA\_V  
ClientSampleId :

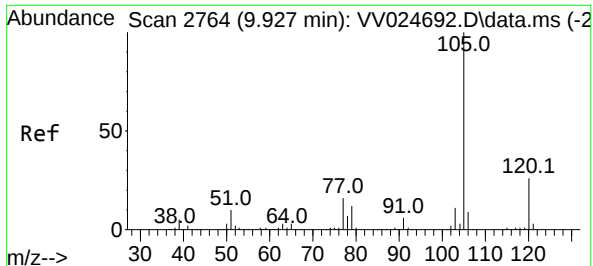
Tgt Ion: 75 Resp: 1397  
Ion Ratio Lower Upper  
75 100  
77 71.7 22.0 41.0#



#51  
Chlorobenzene  
Concen: 6.435 ug/L  
RT: 8.879 min Scan# 2438  
Delta R.T. 0.000 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

Tgt Ion: 112 Resp: 249311  
Ion Ratio Lower Upper  
112 100  
114 31.2 23.3 43.3  
77 59.4 43.3 64.9

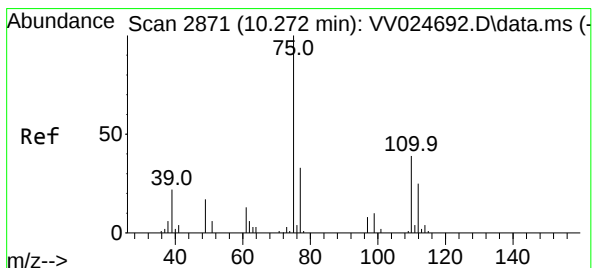
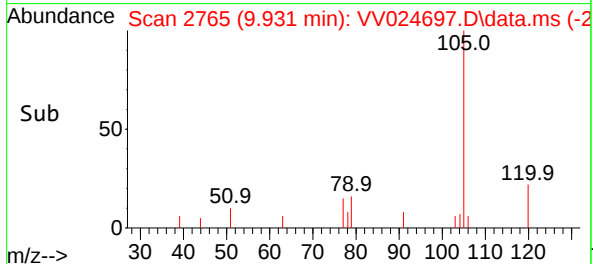
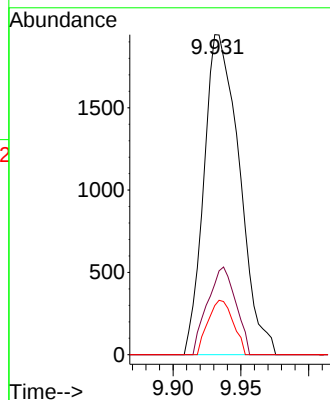
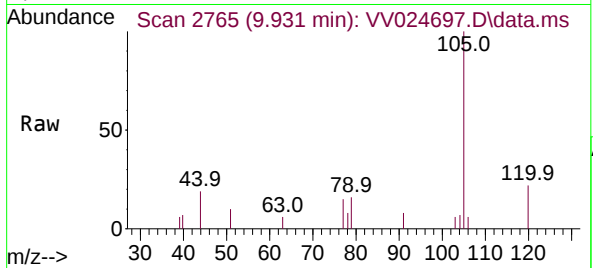




#60  
Isopropylbenzene  
Concen: 0.053 ug/L  
RT: 9.931 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

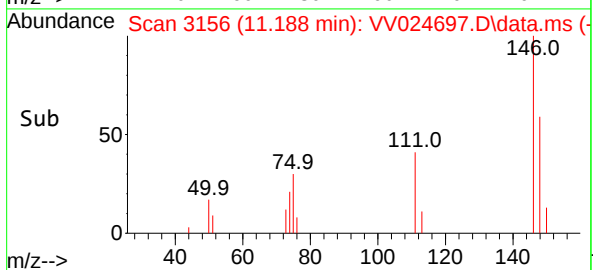
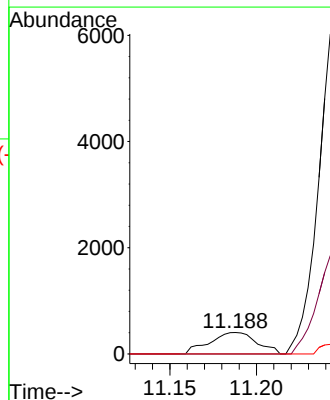
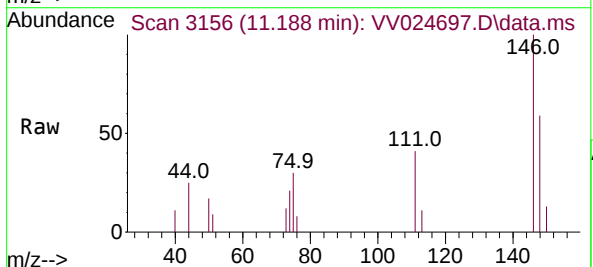
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MSVOA\_V  
ClientSampleId :

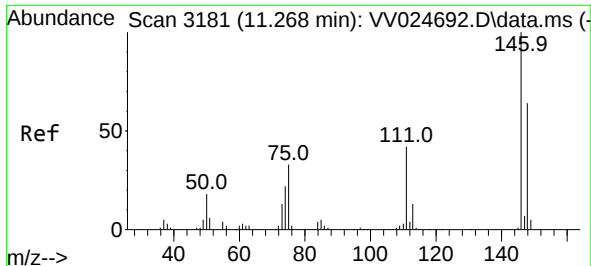
Tgt Ion:105 Resp: 3526  
Ion Ratio Lower Upper  
105 100  
120 21.9 21.4 32.0  
77 0.0 12.2 18.4#



#61  
1,2,3-Trichloropropane  
Concen: 0.105 ug/L  
RT: 11.188 min Scan# 3156  
Delta R.T. 0.916 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

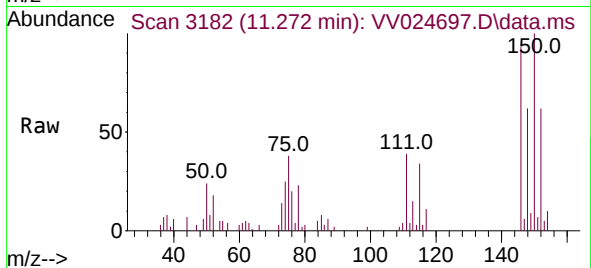
Tgt Ion: 75 Resp: 768  
Ion Ratio Lower Upper  
75 100  
77 0.0 26.4 39.6#  
110 0.0 34.2 51.2#



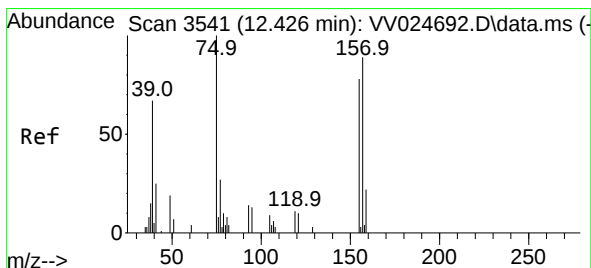
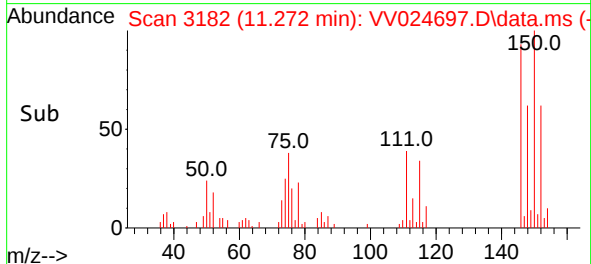
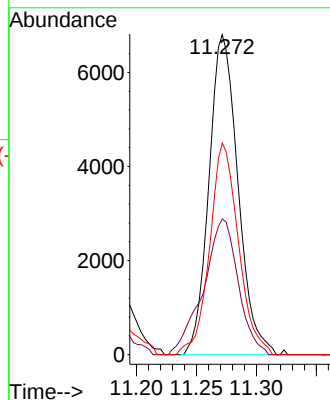


#65  
1,4-Dichlorobenzene  
Concen: 0.421 ug/L  
RT: 11.272 min Scan# 3182  
Delta R.T. 0.003 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:146 Resp: 11432  
Ion Ratio Lower Upper  
146 100  
111 42.4 25.6 47.6  
148 66.1 44.8 83.2



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.161 ug/L  
RT: 12.252 min Scan# 3487  
Delta R.T. -0.174 min  
Lab File: VV024697.D  
Acq: 16 Feb 2022 15:30

Tgt Ion: 75 Resp: 228  
Ion Ratio Lower Upper  
75 100  
155 0.0 71.7 107.5#  
157 0.0 103.3 154.9#

