

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042121\  
 Data File : VU043262.D  
 Acq On : 21 Apr 2021 19:55  
 Operator : SY/MD  
 Sample : M2088-17  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 22 04:47:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 22 04:40:57 2021  
 Response via : Initial Calibration

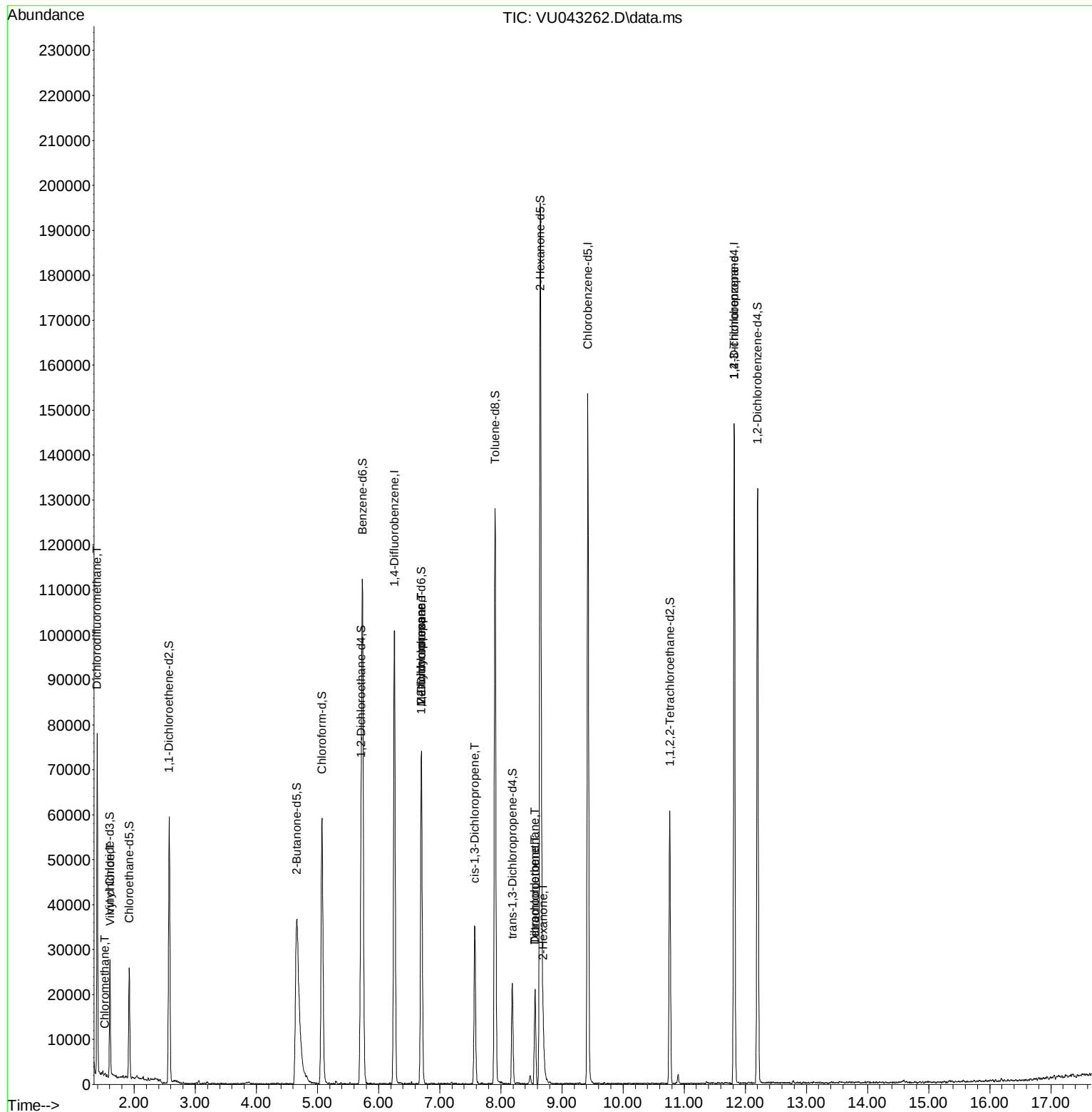
| Compound                      | R.T.     | QIon  | Response | Conc  | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|-------|---------|----------|
| -----                         |          |       |          |       |         |          |
| Internal Standards            |          |       |          |       |         |          |
| 1) 1,4-Difluorobenzene        | 6.260    | 114   | 74755    | 5.00  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.423    | 117   | 75844    | 5.00  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819   | 152   | 35270    | 5.00  | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |       |         |          |
| 4) Vinyl Chloride-d3          | 1.604    | 65    | 17024    | 4.48  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =     | 89.60%  |          |
| 7) Chloroethane-d5            | 1.919    | 69    | 16439    | 4.59  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =     | 91.80%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.575    | 65    | 11114    | 5.05  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =     | 101.00% |          |
| 20) 2-Butanone-d5             | 4.662    | 46    | 101444   | 60.84 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =     | 121.68% |          |
| 24) Chloroform-d              | 5.073    | 84    | 51710    | 5.35  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =     | 107.00% |          |
| 26) 1,2-Dichloroethane-d4     | 5.713    | 65    | 34693    | 5.31  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =     | 106.20% |          |
| 32) Benzene-d6                | 5.735    | 84    | 89432    | 5.06  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =     | 101.20% |          |
| 36) 1,2-Dichloropropane-d6    | 6.700    | 67    | 31014    | 5.30  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =     | 106.00% |          |
| 41) Toluene-d8                | 7.906    | 98    | 77315    | 4.21  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =     | 84.20%  |          |
| 43) trans-1,3-Dichloroprop... | 8.189    | 79    | 11404    | 4.41  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =     | 88.20%  |          |
| 46) 2-Hexanone-d5             | 8.645    | 63    | 62527    | 48.48 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =     | 96.96%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764   | 84    | 27219    | 5.28  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =     | 105.60% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.201   | 152   | 31797    | 5.26  | ug/L    | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =     | 105.20% |          |
| Target Compounds              |          |       |          |       |         |          |
|                               |          |       |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.395    | 85    | 890      | 0.19  | ug/L    | 90       |
| 3) Chloromethane              | 1.520    | 50    | 453      | 0.10  | ug/L    | 87       |
| 5) Vinyl chloride             | 1.607    | 62    | 534      | 0.11  | ug/L #  | 33       |
| 35) Methylcyclohexane         | 6.700    | 83    | 7373     | 0.95  | ug/L #  | 19       |
| 37) 1,2-Dichloropropane       | 6.697    | 63    | 3810     | 0.67  | ug/L #  | 87       |
| 39) cis-1,3-Dichloropropene   | 7.575    | 75    | 981      | 0.12  | ug/L #  | 81       |
| 47) Tetrachloroethene         | 8.562    | 164   | 4244     | 0.96  | ug/L    | 95       |
| 48) 2-Hexanone                | 8.690    | 43    | 5765     | 1.53  | ug/L #  | 44       |
| 49) Dibromochloromethane      | 8.562    | 129   | 4330     | 0.80  | ug/L #  | 9        |
| 61) 1,2,3-Trichloropropane    | 11.819   | 75    | 4488     | 1.23  | ug/L #  | 61       |
| -----                         |          |       |          |       |         |          |

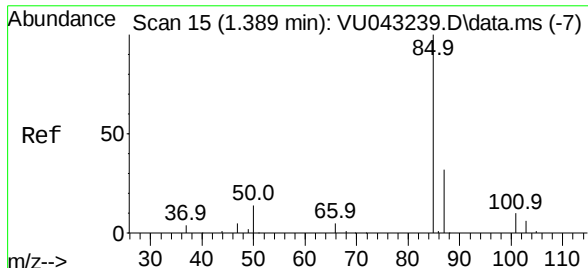
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 26 Sample Multiplier: 1

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MSVOA\_U  
ClientSampleId :

Quant Time: Apr 22 04:47:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Apr 22 04:40:57 2021  
Response via : Initial Calibration

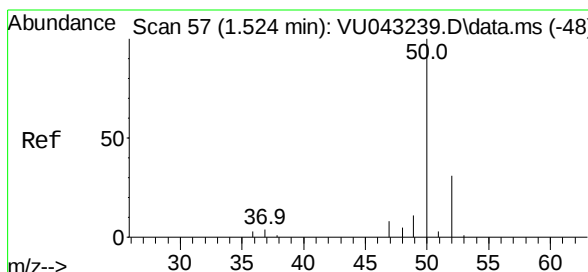
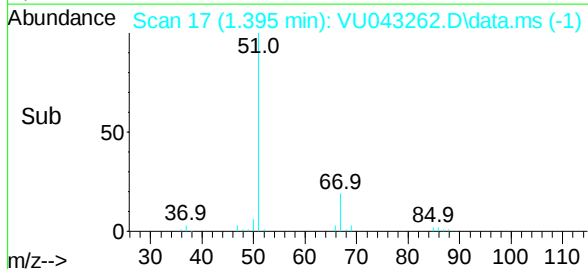
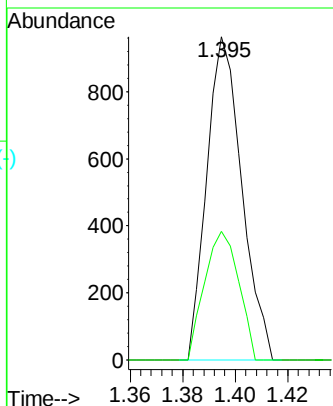
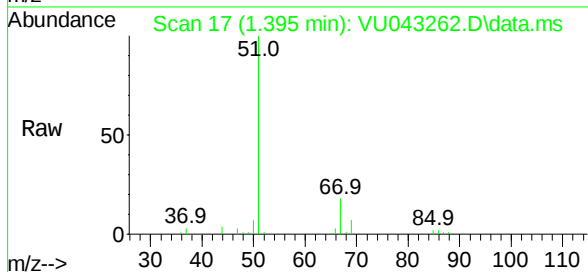




Dichlorodifluoromethane  
 Concen: 0.19 ug/L  
 RT: 1.395 min Scan# 17  
 Delta R.T. 0.006 min  
 Lab File: VU043262.D  
 Acq: 21 Apr 2021 19:55

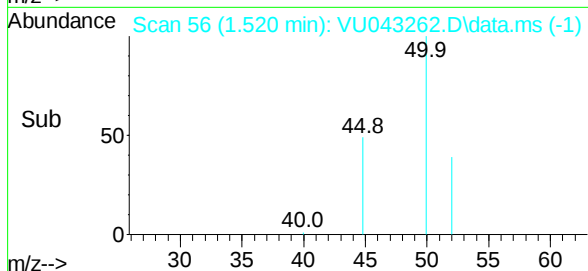
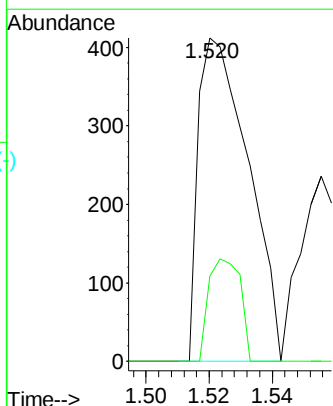
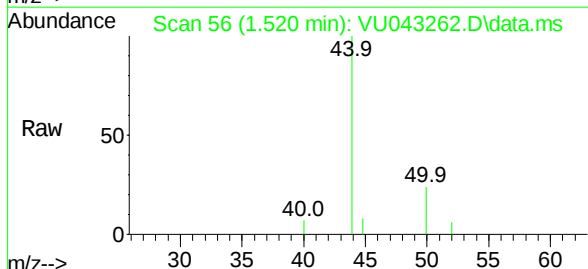
Instrument :  
 MSVOA\_U  
 ClientSampled :

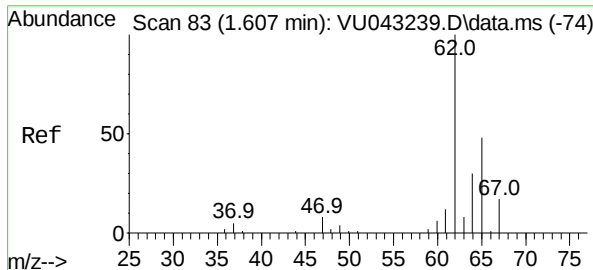
Tgt Ion: 85 Resp: 890  
 Ion Ratio Lower Upper  
 85 100  
 87 38.8 26.3 39.5



Chloromethane  
 Concen: 0.10 ug/L  
 RT: 1.520 min Scan# 56  
 Delta R.T. -0.003 min  
 Lab File: VU043262.D  
 Acq: 21 Apr 2021 19:55

Tgt Ion: 50 Resp: 453  
 Ion Ratio Lower Upper  
 50 100  
 52 26.5 23.6 43.8

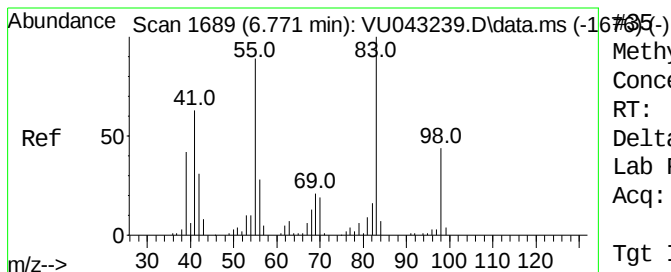
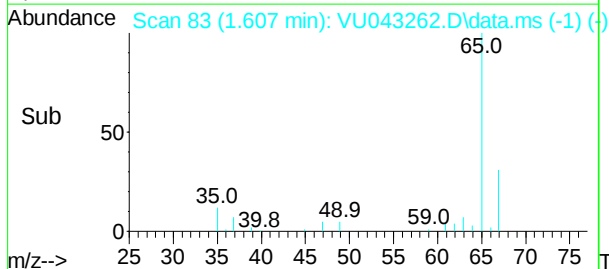
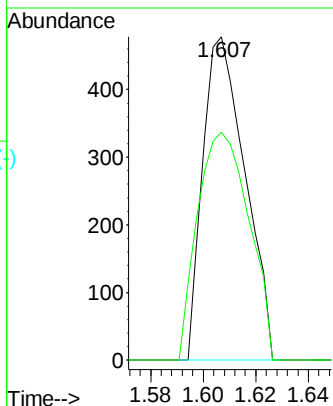
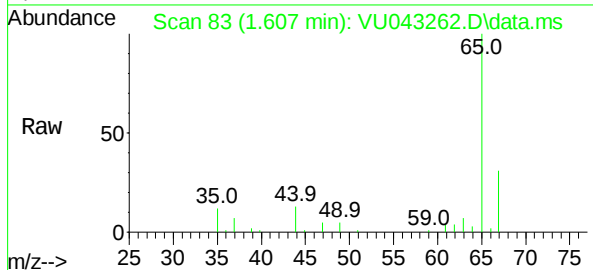




Vinyl chloride  
Concen: 0.11 ug/L  
RT: 1.607 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VU043262.D  
Acq: 21 Apr 2021 19:55

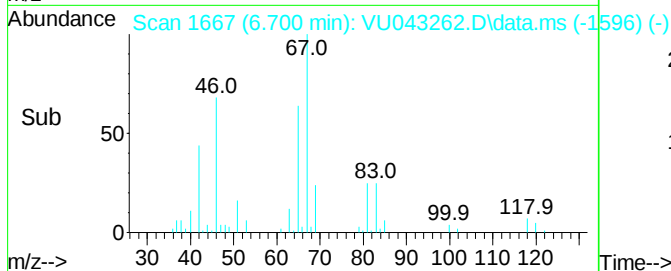
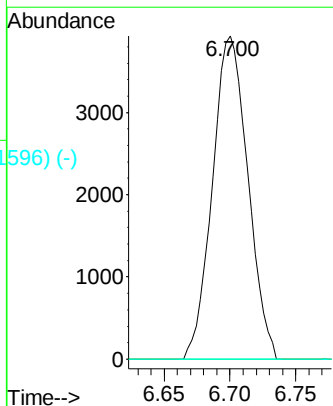
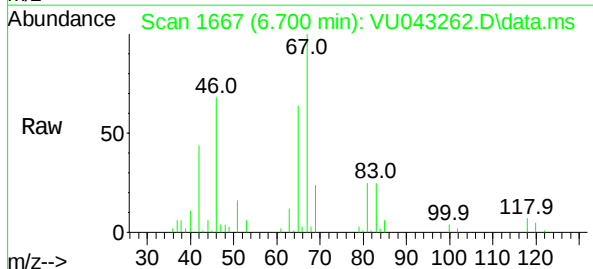
Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 62 Resp: 534  
Ion Ratio Lower Upper  
62 100  
64 70.5 22.8 42.4#

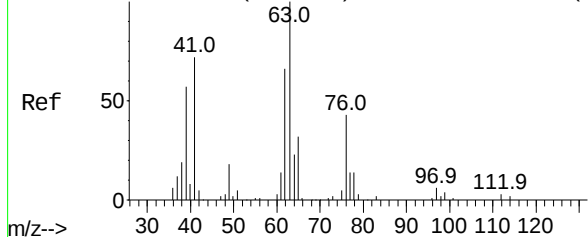


Methylcyclohexane  
Concen: 0.95 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU043262.D  
Acq: 21 Apr 2021 19:55

Tgt Ion: 83 Resp: 7373  
Ion Ratio Lower Upper  
83 100  
55 0.0 59.5 89.3#  
98 0.0 37.9 56.9#



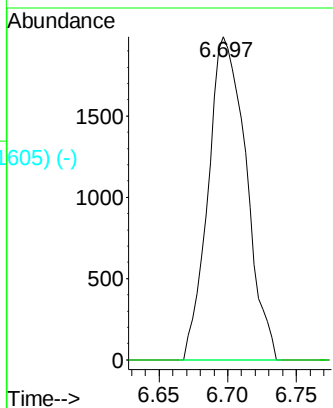
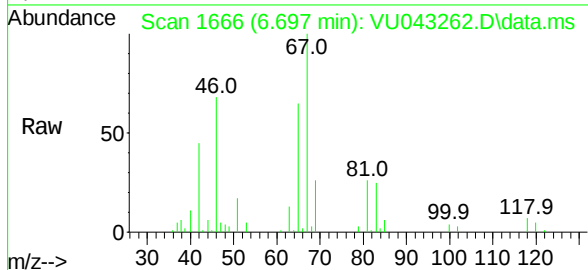
Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-16607-)



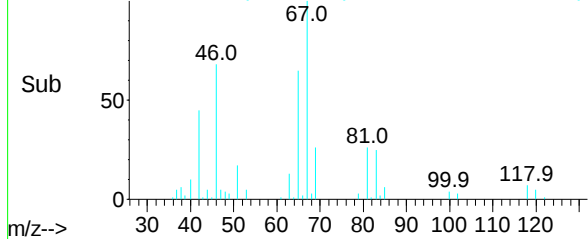
1,2-Dichloropropane  
Concen: 0.67 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU043262.D  
Acq: 21 Apr 2021 19:55

Instrument :  
MSVOA\_U  
ClientSampled :

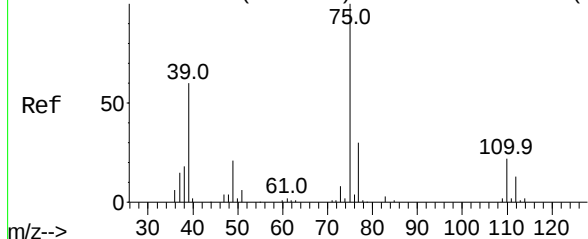
Tgt Ion: 63 Resp: 3810  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



Abundance Scan 1666 (6.697 min): VU043262.D\data.ms (-1605-)

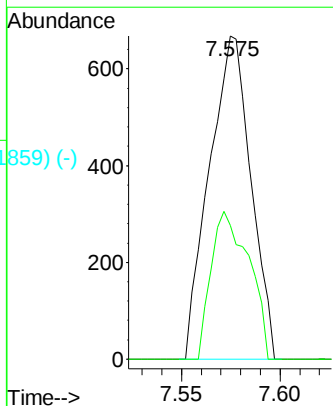
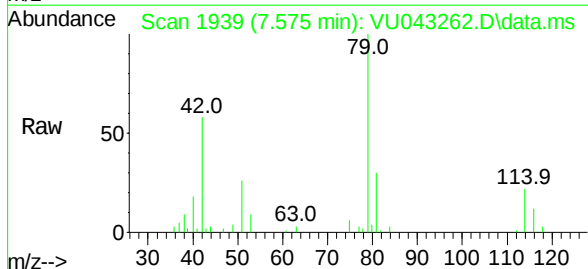


Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-1939-)

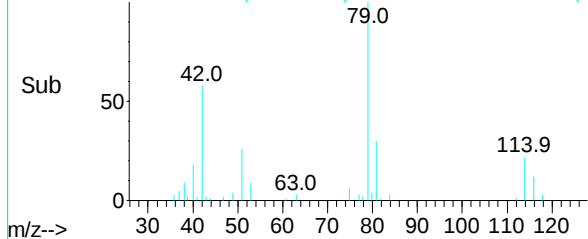


cis-1,3-Dichloropropene  
Concen: 0.12 ug/L  
RT: 7.575 min Scan# 1939  
Delta R.T. -0.042 min  
Lab File: VU043262.D  
Acq: 21 Apr 2021 19:55

Tgt Ion: 75 Resp: 981  
Ion Ratio Lower Upper  
75 100  
77 41.5 21.8 40.6#



Abundance Scan 1939 (7.575 min): VU043262.D\data.ms (-1859-)



Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239) (-)

Tetrachloroethene

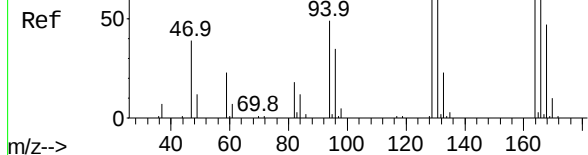
Concen: 0.96 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043262.D

Acq: 21 Apr 2021 19:55



Tgt Ion:164 Resp: 4244

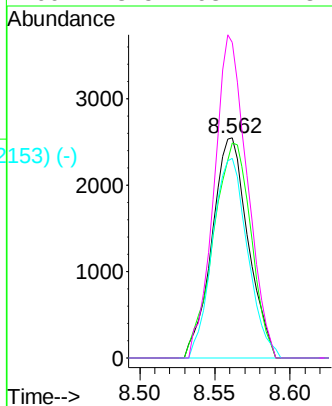
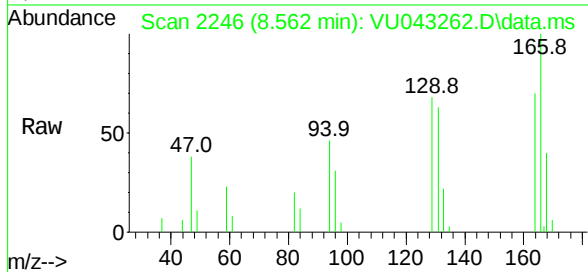
Ion Ratio Lower Upper

164 100

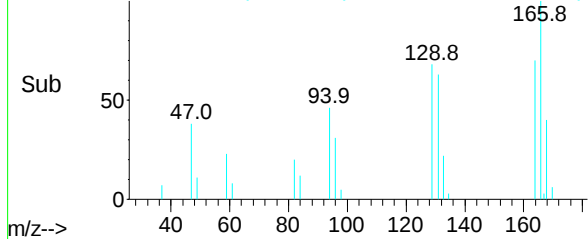
129 97.9 66.6 123.8

131 90.7 65.9 122.3

166 143.5 93.7 173.9



Abundance Scan 2246 (8.562 min): VU043262.D\data.ms (-2153) (-)



Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-2279) (-)

2-Hexanone

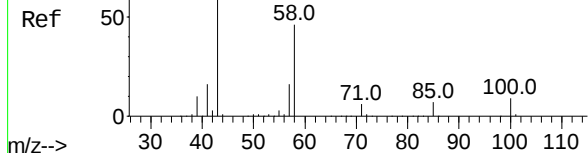
Concen: 1.53 ug/L

RT: 8.690 min Scan# 2286

Delta R.T. -0.007 min

Lab File: VU043262.D

Acq: 21 Apr 2021 19:55



Tgt Ion: 43 Resp: 5765

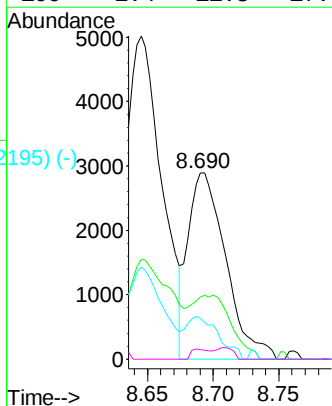
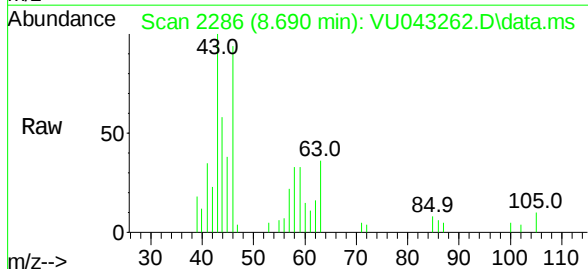
Ion Ratio Lower Upper

43 100

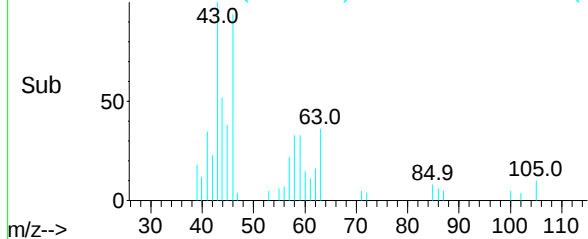
58 0.0 50.0 75.0#

57 19.9 17.4 26.0

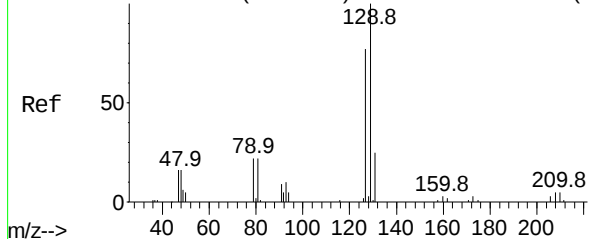
100 2.4 11.8 17.8#



Abundance Scan 2286 (8.690 min): VU043262.D\data.ms (-2195) (-)



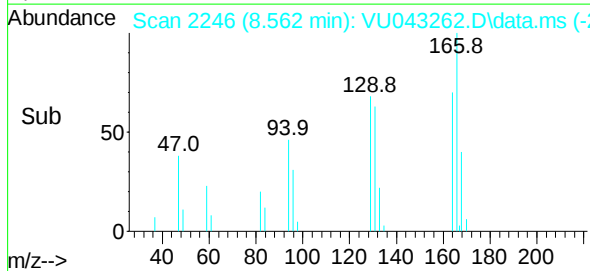
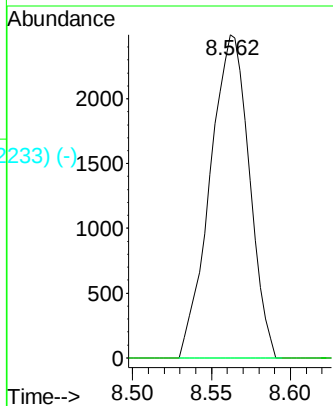
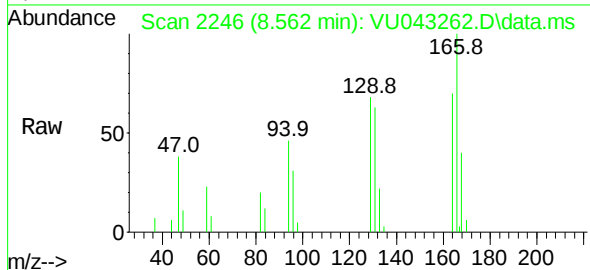
Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-2319) (-)



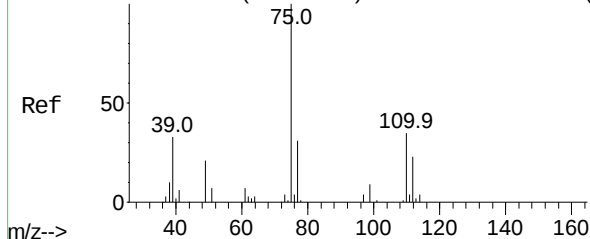
Dibromochloromethane  
Concen: 0.80 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.257 min  
Lab File: VU043262.D  
Acq: 21 Apr 2021 19:55

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MSVOA\_U  
ClientSampled :

Tgt Ion:129 Resp: 4330  
Ion Ratio Lower Upper  
129 100  
127 0.0 56.6 105.2#



Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2950) (-)



1,2,3-Trichloropropane  
Concen: 1.23 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.990 min  
Lab File: VU043262.D  
Acq: 21 Apr 2021 19:55

Tgt Ion: 75 Resp: 4488  
Ion Ratio Lower Upper  
75 100  
110 2.6 31.5 47.3#  
77 40.9 26.3 39.5#

