

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072822\  
 Data File : VU050009.D  
 Acq On : 29 Jul 2022 01:24  
 Operator : SY/MD  
 Sample : N3879-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUH3

Quant Time: Jul 29 06:40:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jul 29 05:04:48 2022  
 Response via : Initial Calibration

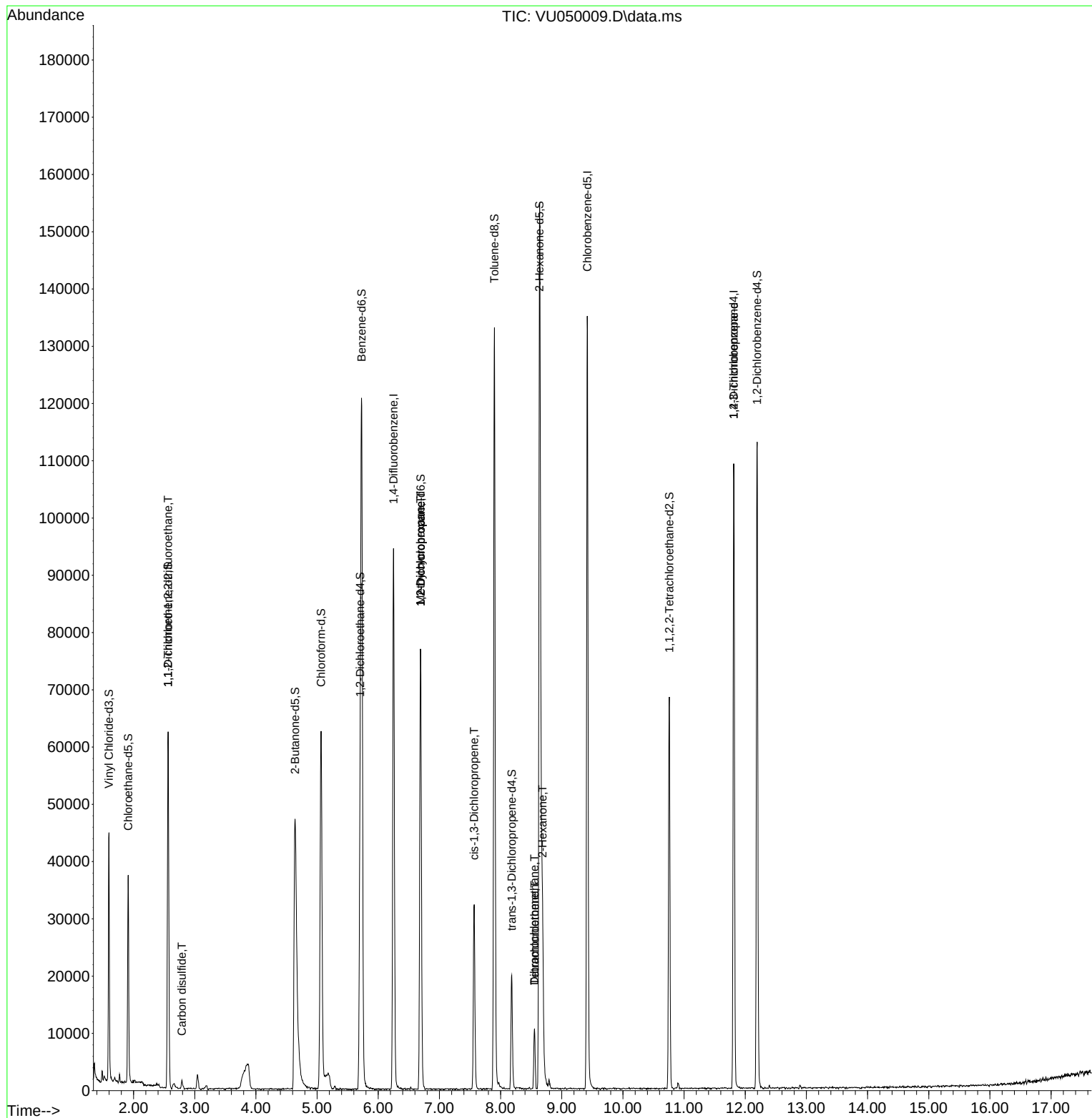
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 78546    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 78585    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 30672    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 31381    | 4.653  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.000%  |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 26738    | 5.520  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 110.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 11865    | 5.105  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 102.000% |          |
| 20) 2-Butanone-d5             | 4.639  | 46             | 89944    | 59.913 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 119.820% |          |
| 24) Chloroform-d              | 5.067  | 84             | 60744    | 5.443  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 108.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 31535    | 5.608  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 112.200% |          |
| 32) Benzene-d6                | 5.729  | 84             | 117045   | 5.040  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.800% |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 39943    | 5.250  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 105.000% |          |
| 41) Toluene-d8                | 7.899  | 98             | 93186    | 4.515  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 12381    | 4.644  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 92.800%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 49212    | 49.305 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 98.600%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 35532    | 5.559  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 111.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 31163    | 5.478  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 109.600% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101            | 229      | 0.049  | ug/L #   | 21       |
| 14) Carbon disulfide          | 2.790  | 76             | 1785     | 0.136  | ug/L     | 99       |
| 35) Methylcyclohexane         | 6.690  | 83             | 8915     | 1.212  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 4027     | 0.637  | ug/L #   | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75             | 737      | 0.090  | ug/L #   | 53       |
| 47) Tetrachloroethene         | 8.555  | 164            | 2447     | 0.610  | ug/L     | 93       |
| 48) 2-Hexanone                | 8.687  | 43             | 16770    | 6.023  | ug/L #   | 86       |
| 49) Dibromochloromethane      | 8.552  | 129            | 2465     | 0.477  | ug/L #   | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 3637     | 1.021  | ug/L #   | 67       |
| -----                         |        |                |          |        |          |          |

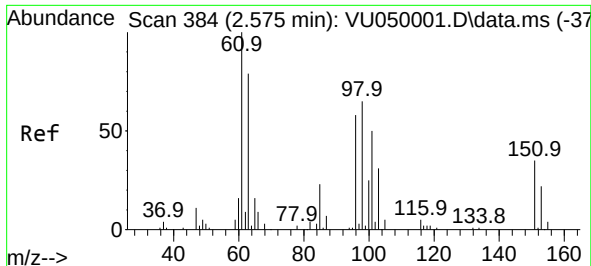
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jul 29 05:04:48 2022  
Response via : Initial Calibration

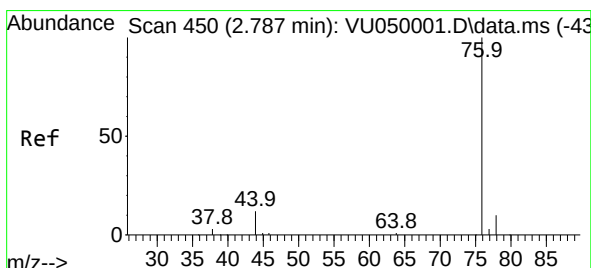
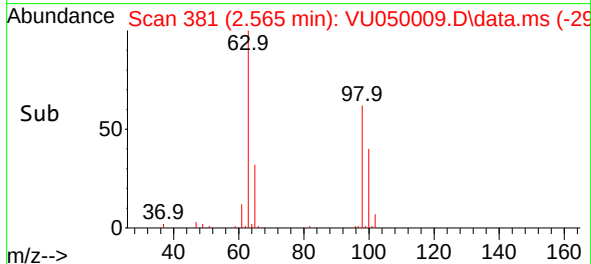
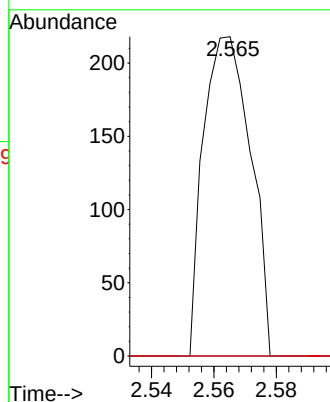
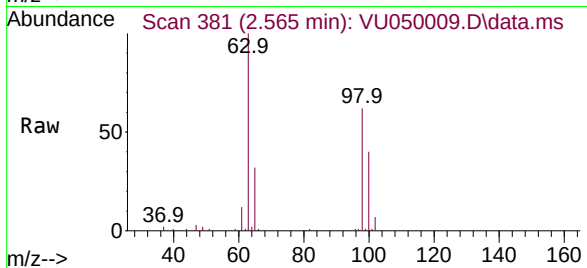




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.049 ug/L  
 RT: 2.565 min Scan# 384  
 Delta R.T. -0.009 min  
 Lab File: VU050009.D  
 Acq: 29 Jul 2022 01:24

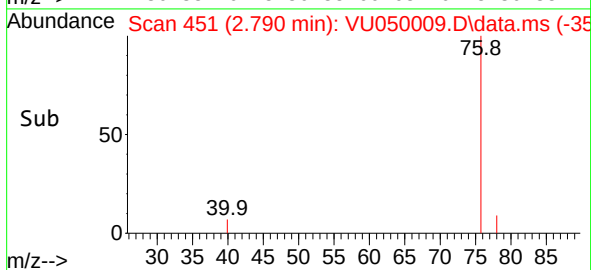
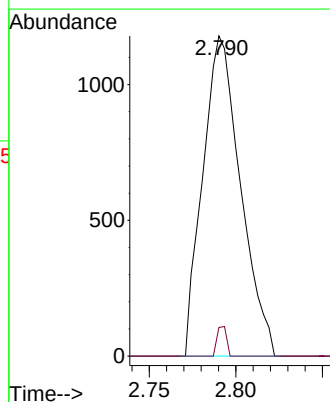
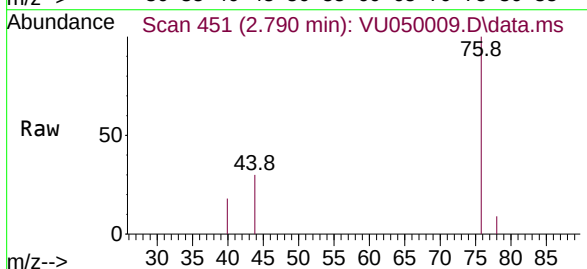
Instrument :  
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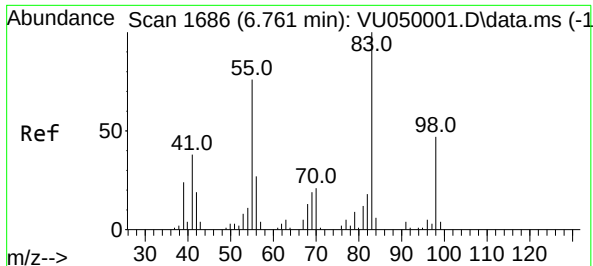
Tgt Ion:101 Resp: 229  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.1 51.1#  
 151 0.0 56.6 85.0#



#14  
 Carbon disulfide  
 Concen: 0.136 ug/L  
 RT: 2.790 min Scan# 451  
 Delta R.T. 0.003 min  
 Lab File: VU050009.D  
 Acq: 29 Jul 2022 01:24

Tgt Ion: 76 Resp: 1785  
 Ion Ratio Lower Upper  
 76 100  
 78 8.9 7.4 11.0

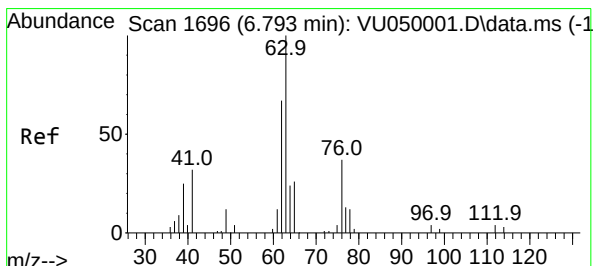
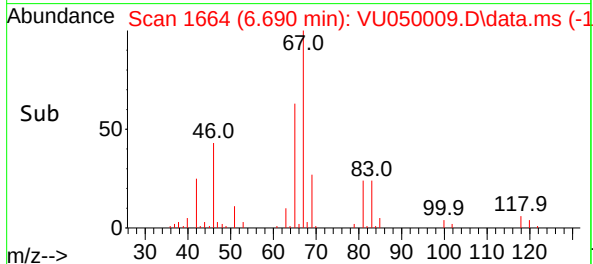
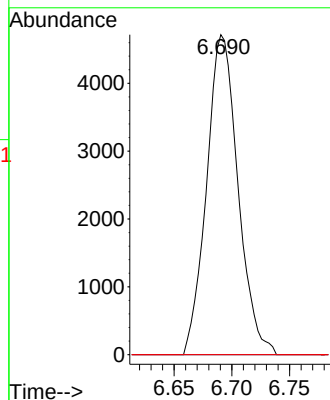
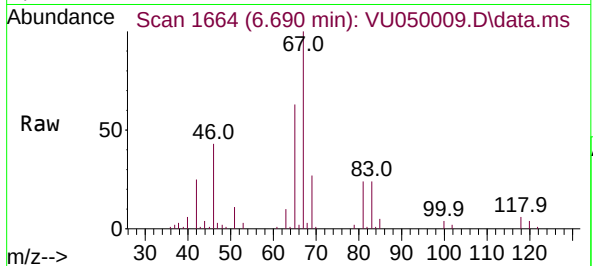




#35  
Methylcyclohexane  
Concen: 1.212 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.071 min  
Lab File: VU050009.D  
Acq: 29 Jul 2022 01:24

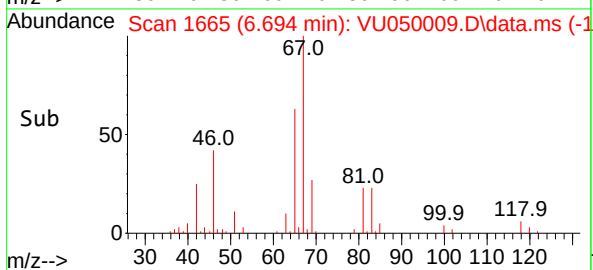
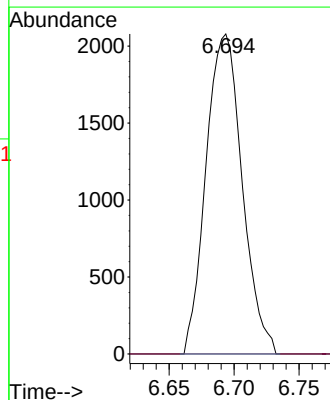
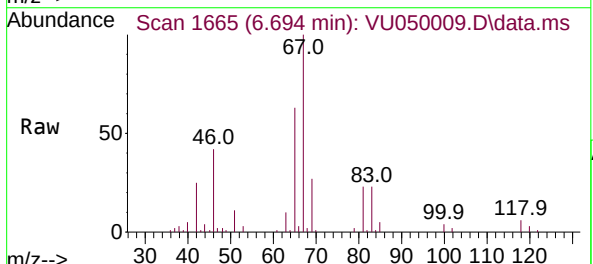
Instrument :  
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ClientSampleId :  
DBUH3

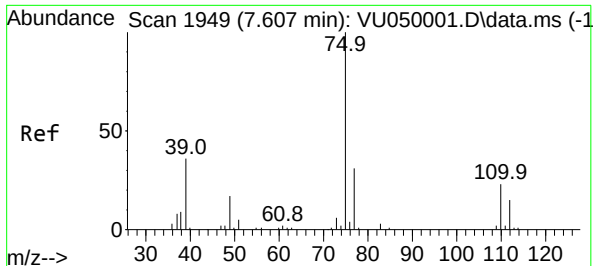
Tgt Ion: 83 Resp: 8915  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.6 92.4#  
98 0.0 34.8 52.2#



#37  
1,2-Dichloropropane  
Concen: 0.637 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.099 min  
Lab File: VU050009.D  
Acq: 29 Jul 2022 01:24

Tgt Ion: 63 Resp: 4027  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU050009.D

Acq: 29 Jul 2022 01:24

Instrument :

MSVOA\_U

ClientSampleId :

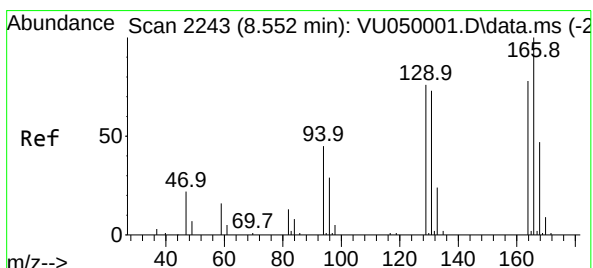
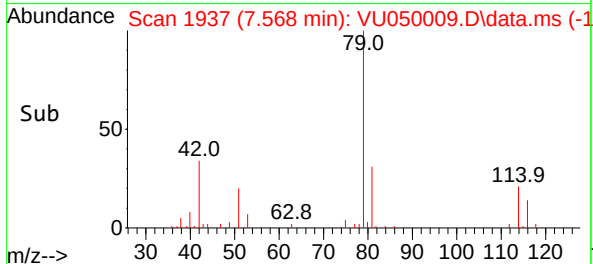
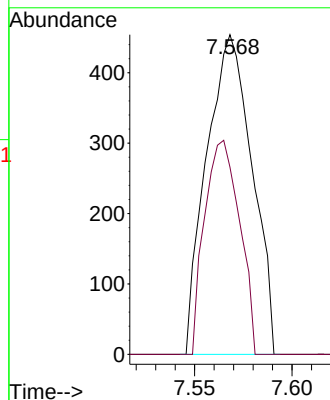
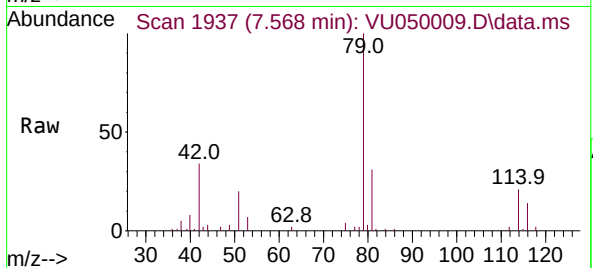
DBUH3

Tgt Ion: 75 Resp: 737

Ion Ratio Lower Upper

75 100

77 58.6 22.5 41.9#



#47

Tetrachloroethene

Concen: 0.610 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU050009.D

Acq: 29 Jul 2022 01:24

Tgt Ion: 164 Resp: 2447

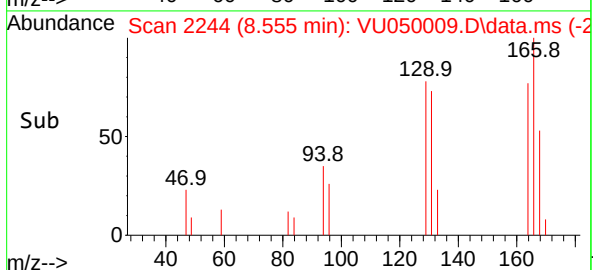
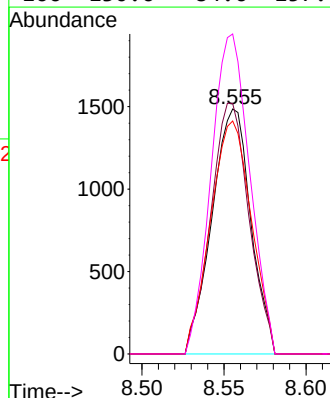
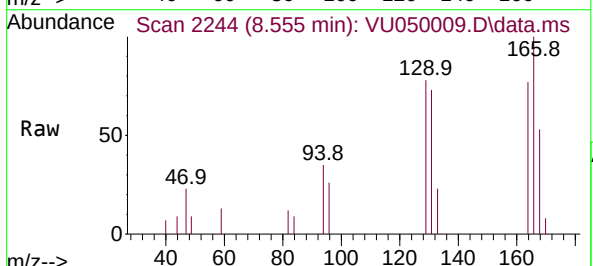
Ion Ratio Lower Upper

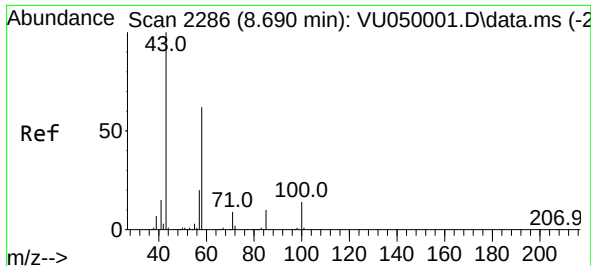
164 100

129 102.3 66.3 123.1

131 95.1 63.1 117.1

166 130.6 84.6 157.0

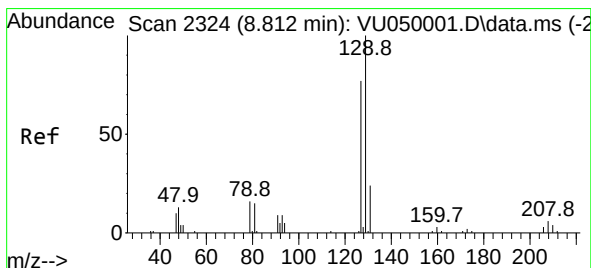
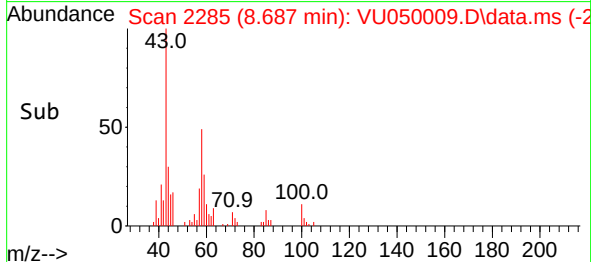
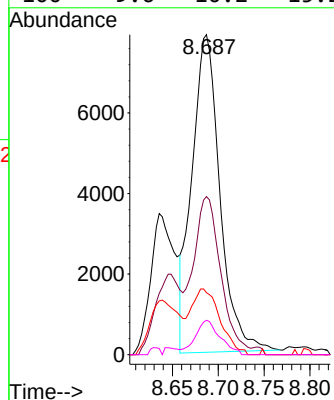
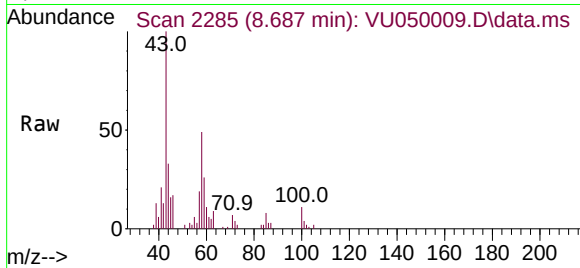




#48  
2-Hexanone  
Concen: 6.023 ug/L  
RT: 8.687 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU050009.D  
Acq: 29 Jul 2022 01:24

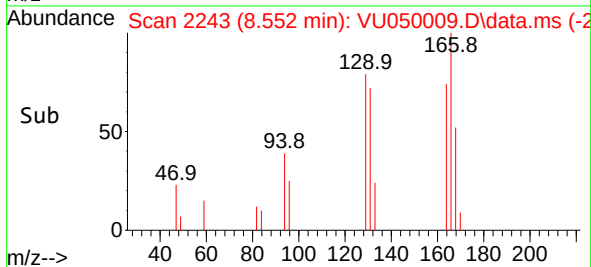
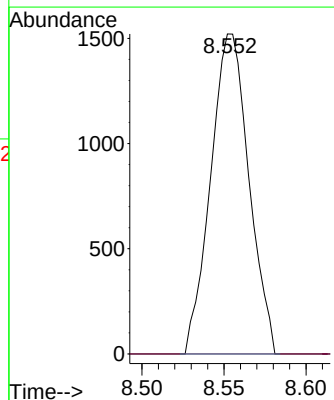
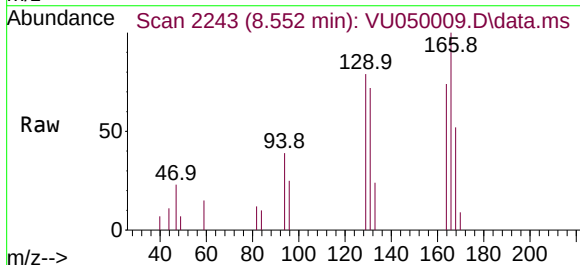
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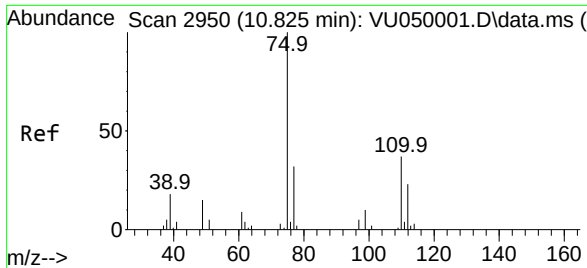
Tgt Ion: 43 Resp: 16770  
Ion Ratio Lower Upper  
43 100  
58 46.2 49.4 74.0#  
57 21.0 17.0 25.4  
100 9.6 10.2 15.2#



#49  
Dibromochloromethane  
Concen: 0.477 ug/L  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.260 min  
Lab File: VU050009.D  
Acq: 29 Jul 2022 01:24

Tgt Ion: 129 Resp: 2465  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.5 101.1#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.021 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU050009.D  
 Acq: 29 Jul 2022 01:24

Instrument :  
 MSVOA\_U  
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Tgt Ion: 75 Resp: 3637  
 Ion Ratio Lower Upper  
 75 100  
 110 0.0 28.1 42.1#  
 77 31.9 24.7 37.1

