

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061122\  
 Data File : VU049065.D  
 Acq On : 11 Jun 2022 20:19  
 Operator : SY/MD  
 Sample : N3278-02 200X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 13 01:50:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 13 01:35:15 2022  
 Response via : Initial Calibration

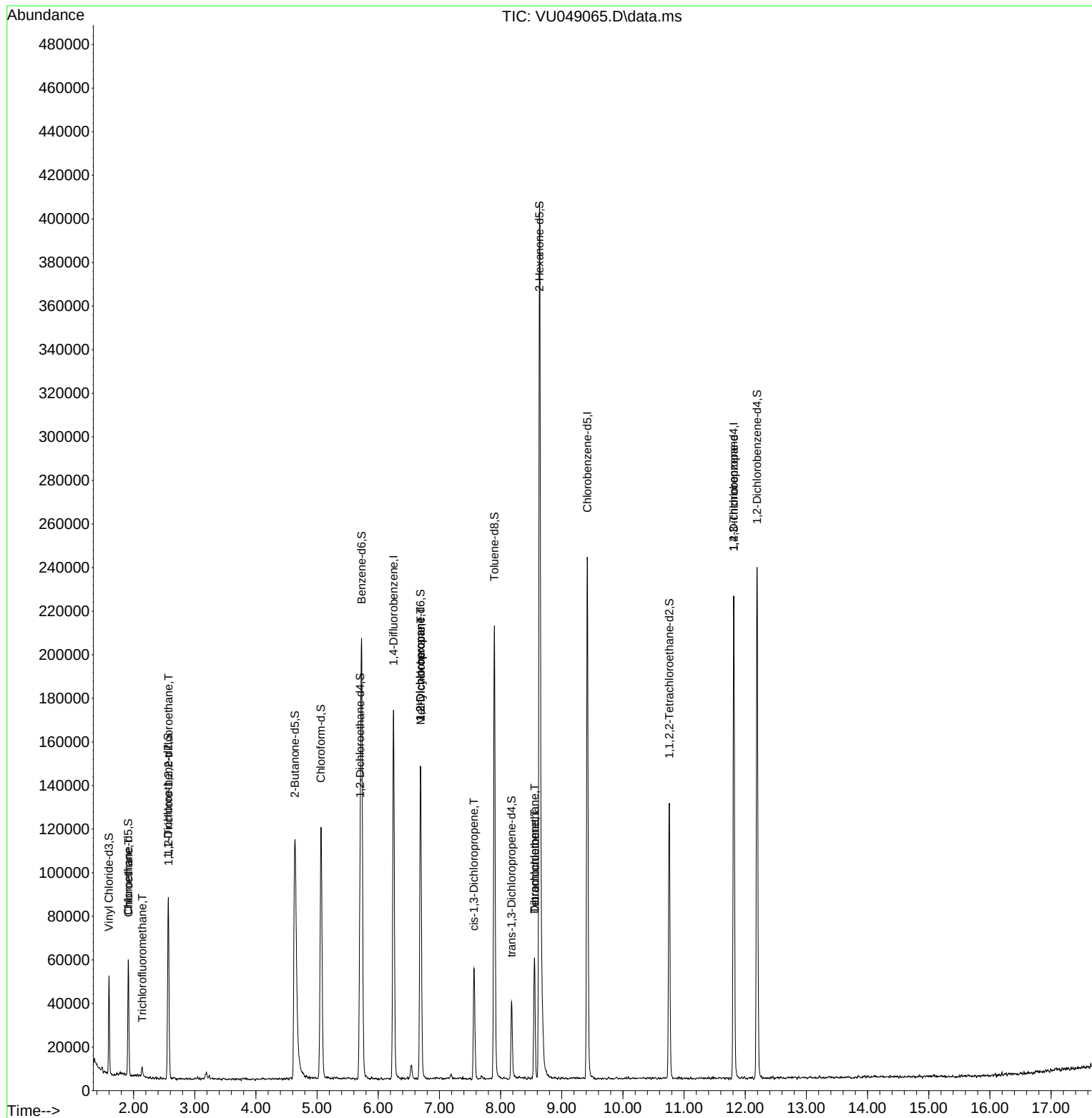
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 137511   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 138521   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 61776    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 31704    | 5.213    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 104.200% |
| 7) Chloroethane-d5            | 1.912  | 69    | 37118    | 5.597    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 112.000% |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 15511    | 4.885    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.800%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 192760   | 63.656   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 127.320% |
| 24) Chloroform-d              | 5.063  | 84    | 110243   | 5.609    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 112.200% |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 63422    | 5.830    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 116.600% |
| 32) Benzene-d6                | 5.729  | 84    | 188315   | 5.063    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.200% |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 69233    | 5.462    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 109.200% |
| 41) Toluene-d8                | 7.899  | 98    | 141654   | 4.532    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 21518    | 5.053    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 101.000% |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 135887   | 58.252   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 116.500% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 61918    | 5.555    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 111.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 65482    | 5.762    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 115.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 8) Chloroethane               | 1.916  | 64    | 625      | 0.095    | ug/L # | 42       |
| 9) Trichlorofluoromethane     | 2.141  | 101   | 3066     | 0.186    | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101   | 371      | 0.042    | ug/L # | 19       |
| 35) Methylcyclohexane         | 6.694  | 83    | 16291    | 1.004    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.690  | 63    | 7868     | 0.725    | ug/L # | 89       |
| 39) cis-1,3-Dichloropropene   | 7.562  | 75    | 1433     | 0.096    | ug/L   | 85       |
| 47) Tetrachloroethene         | 8.555  | 164   | 13078    | 1.534    | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.555  | 129   | 12090    | 1.231    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 6460     | 0.976    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

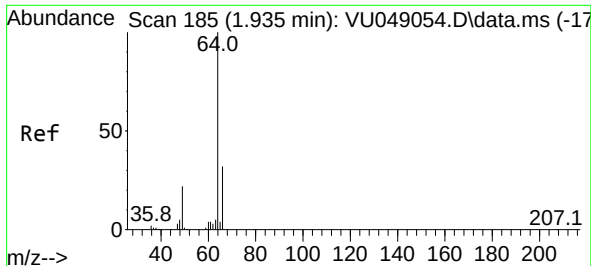
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Jun 13 01:35:15 2022  
Response via : Initial Calibration

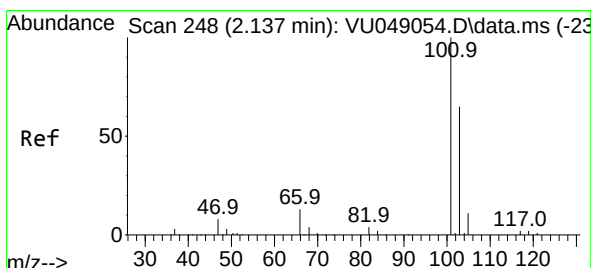
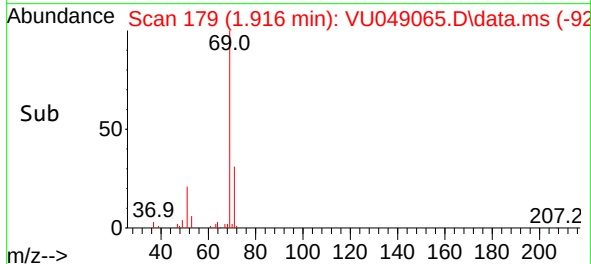
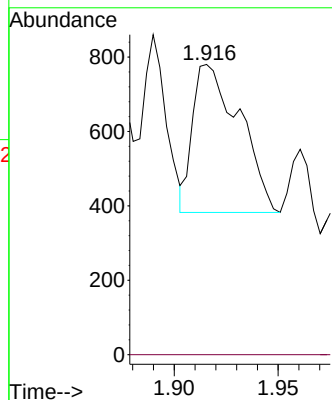
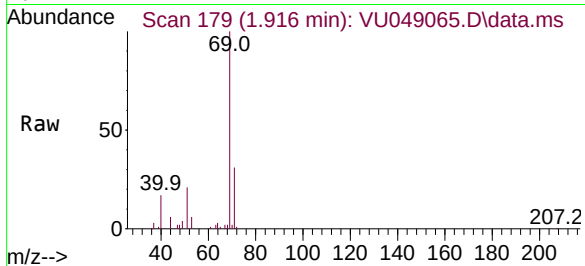




#8  
Chloroethane  
Concen: 0.095 ug/L  
RT: 1.916 min Scan# 11  
Delta R.T. -0.019 min  
Lab File: VU049065.D  
Acq: 11 Jun 2022 20:19

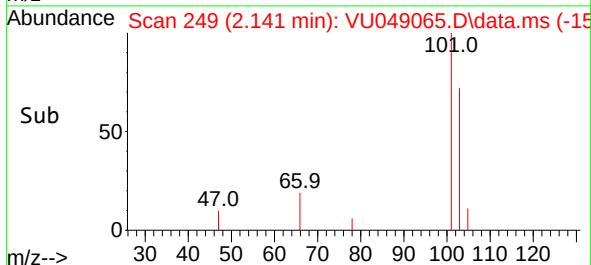
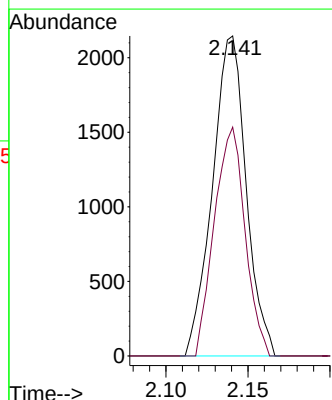
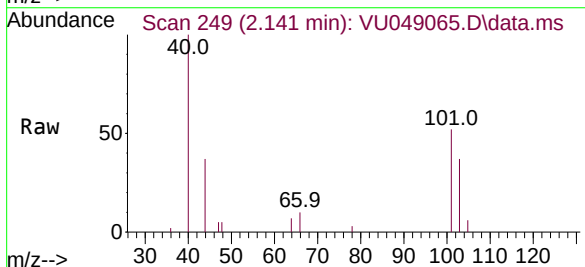
Instrument :  
MSVOA\_U  
ClientSampleId :

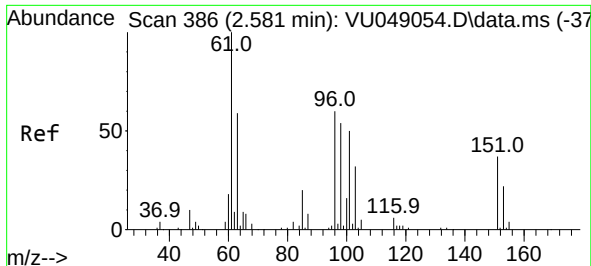
Tgt Ion: 64 Resp: 625  
Ion Ratio Lower Upper  
64 100  
66 0.0 22.7 42.3#



#9  
Trichlorofluoromethane  
Concen: 0.186 ug/L  
RT: 2.141 min Scan# 249  
Delta R.T. 0.003 min  
Lab File: VU049065.D  
Acq: 11 Jun 2022 20:19

Tgt Ion:101 Resp: 3066  
Ion Ratio Lower Upper  
101 100  
103 65.1 50.5 75.7

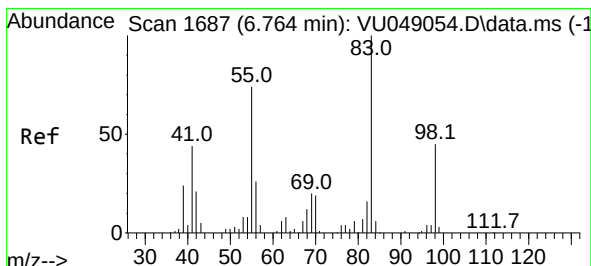
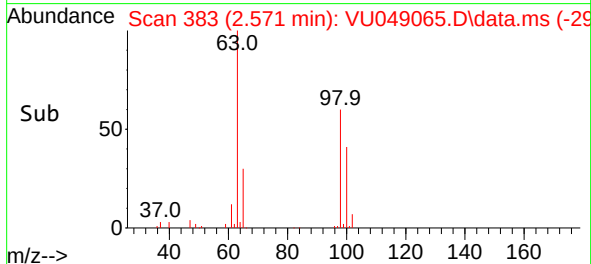
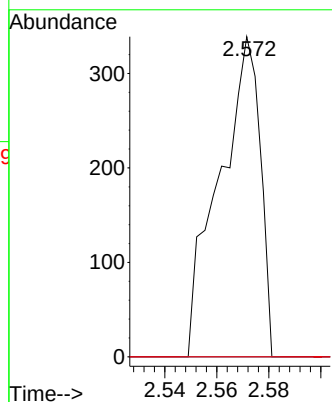
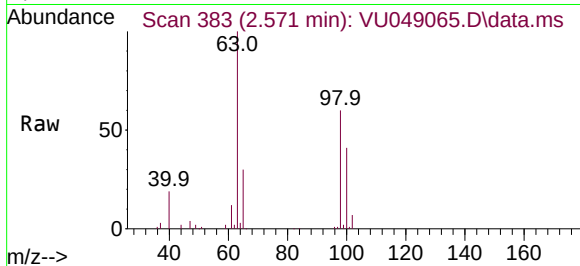




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.042 ug/L  
RT: 2.571 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: VU049065.D  
Acq: 11 Jun 2022 20:19

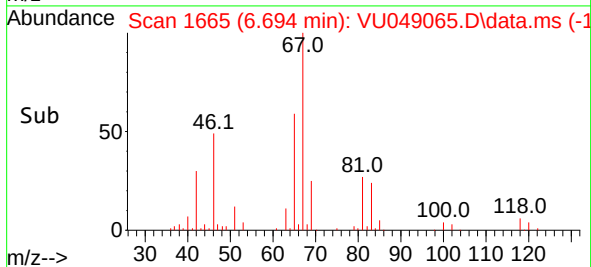
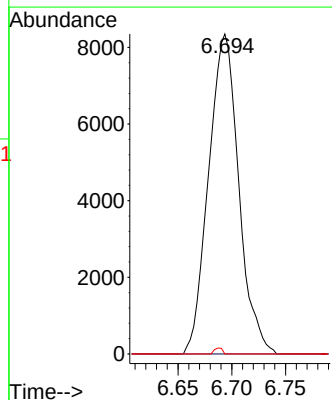
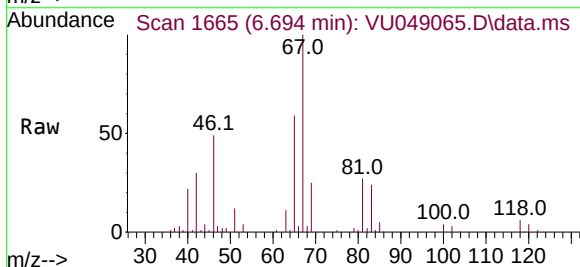
Instrument :  
MSVOA\_U  
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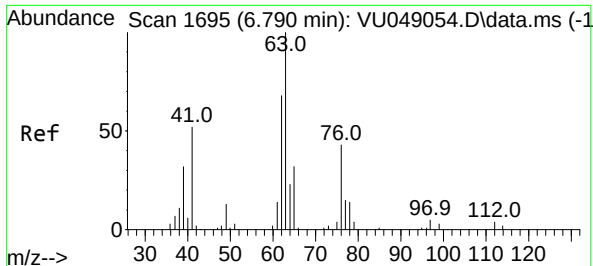
Tgt Ion:101 Resp: 371  
Ion Ratio Lower Upper  
101 100  
85 0.0 36.0 54.0#  
151 0.0 60.7 91.1#



#35  
Methylcyclohexane  
Concen: 1.004 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.071 min  
Lab File: VU049065.D  
Acq: 11 Jun 2022 20:19

Tgt Ion: 83 Resp: 16291  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.6 90.8#  
98 0.5 35.8 53.8#





#37

1,2-Dichloropropane

Concen: 0.725 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049065.D

Acq: 11 Jun 2022 20:19

Instrument :

MSVOA\_U

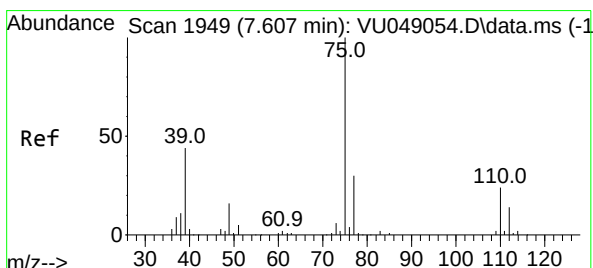
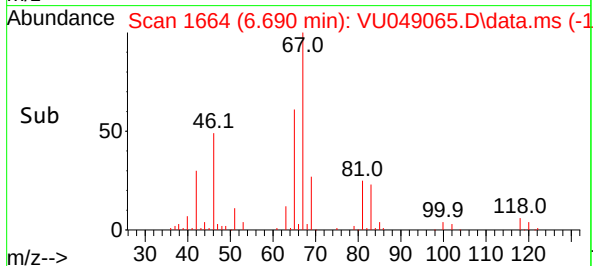
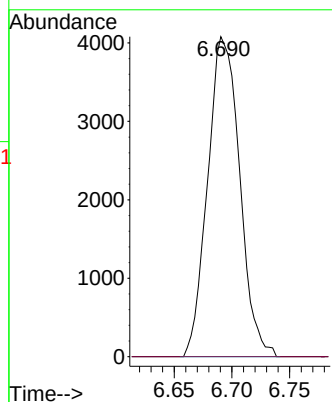
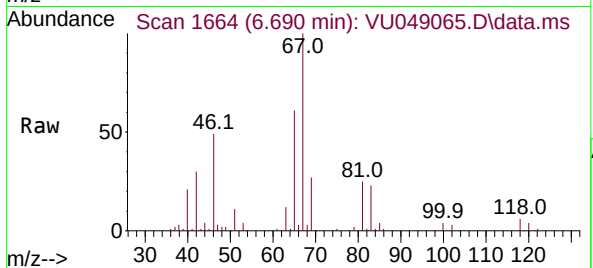
ClientSampleId :

Tgt Ion: 63 Resp: 7868

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU049065.D

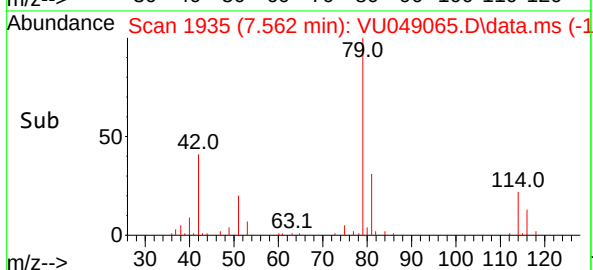
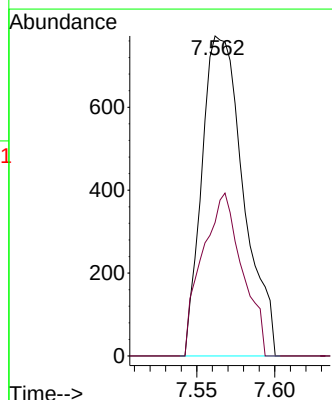
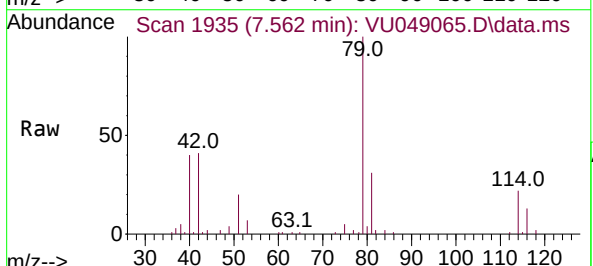
Acq: 11 Jun 2022 20:19

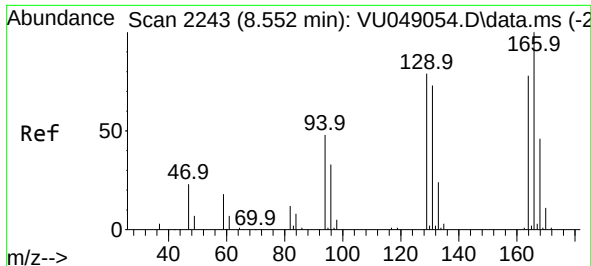
Tgt Ion: 75 Resp: 1433

Ion Ratio Lower Upper

75 100

77 41.7 23.4 43.4

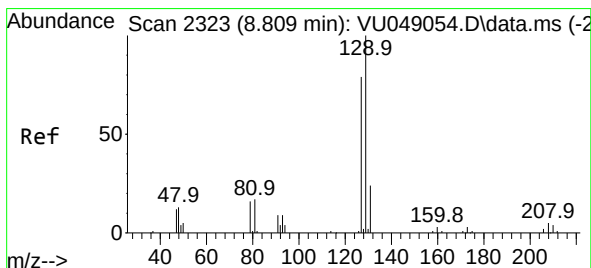
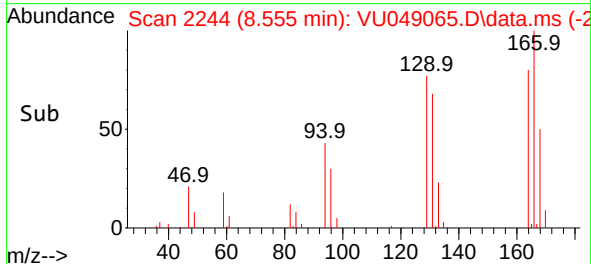
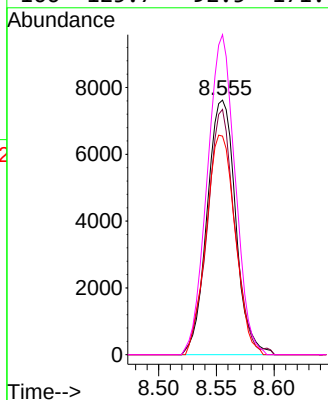
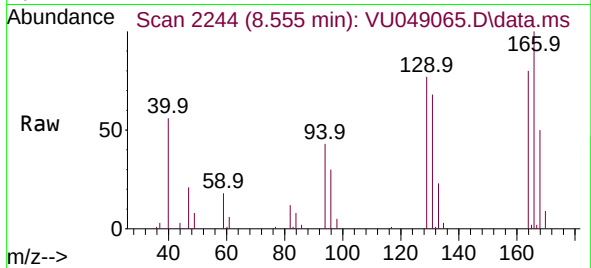




#47  
Tetrachloroethene  
Concen: 1.534 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.003 min  
Lab File: VU049065.D  
Acq: 11 Jun 2022 20:19

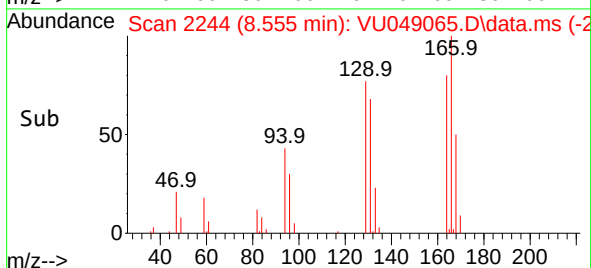
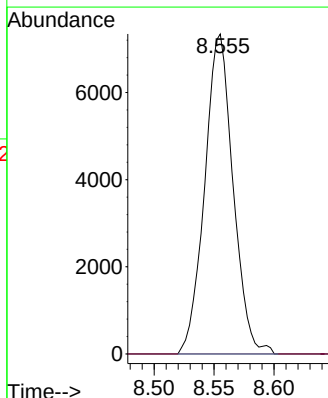
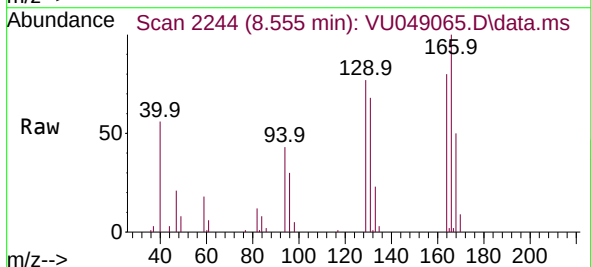
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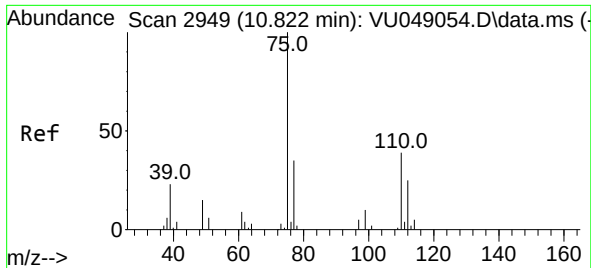
Tgt Ion:164 Resp: 13078  
Ion Ratio Lower Upper  
164 100  
129 96.3 67.0 124.4  
131 85.9 65.0 120.8  
166 125.7 92.5 171.7



#49  
Dibromochloromethane  
Concen: 1.231 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.254 min  
Lab File: VU049065.D  
Acq: 11 Jun 2022 20:19

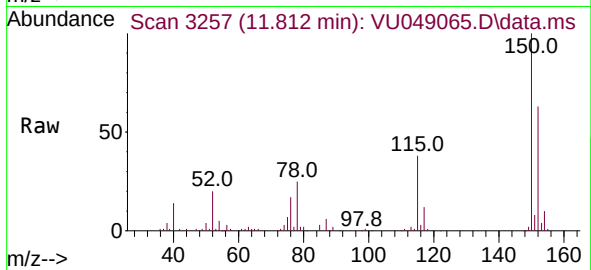
Tgt Ion:129 Resp: 12090  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.1 100.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.976 ug/L  
 RT: 11.812 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU049065.D  
 Acq: 11 Jun 2022 20:19

Instrument :  
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Tgt Ion: 75 Resp: 6460  
 Ion Ratio Lower Upper  
 75 100  
 110 1.5 28.6 43.0#  
 77 33.9 25.4 38.0

