

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020222\  
 Data File : VU046999.D  
 Acq On : 02 Feb 2022 14:15  
 Operator : SY/MD  
 Sample : N1349-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0HP7

Quant Time: Feb 03 03:00:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 03 02:56:36 2022  
 Response via : Initial Calibration

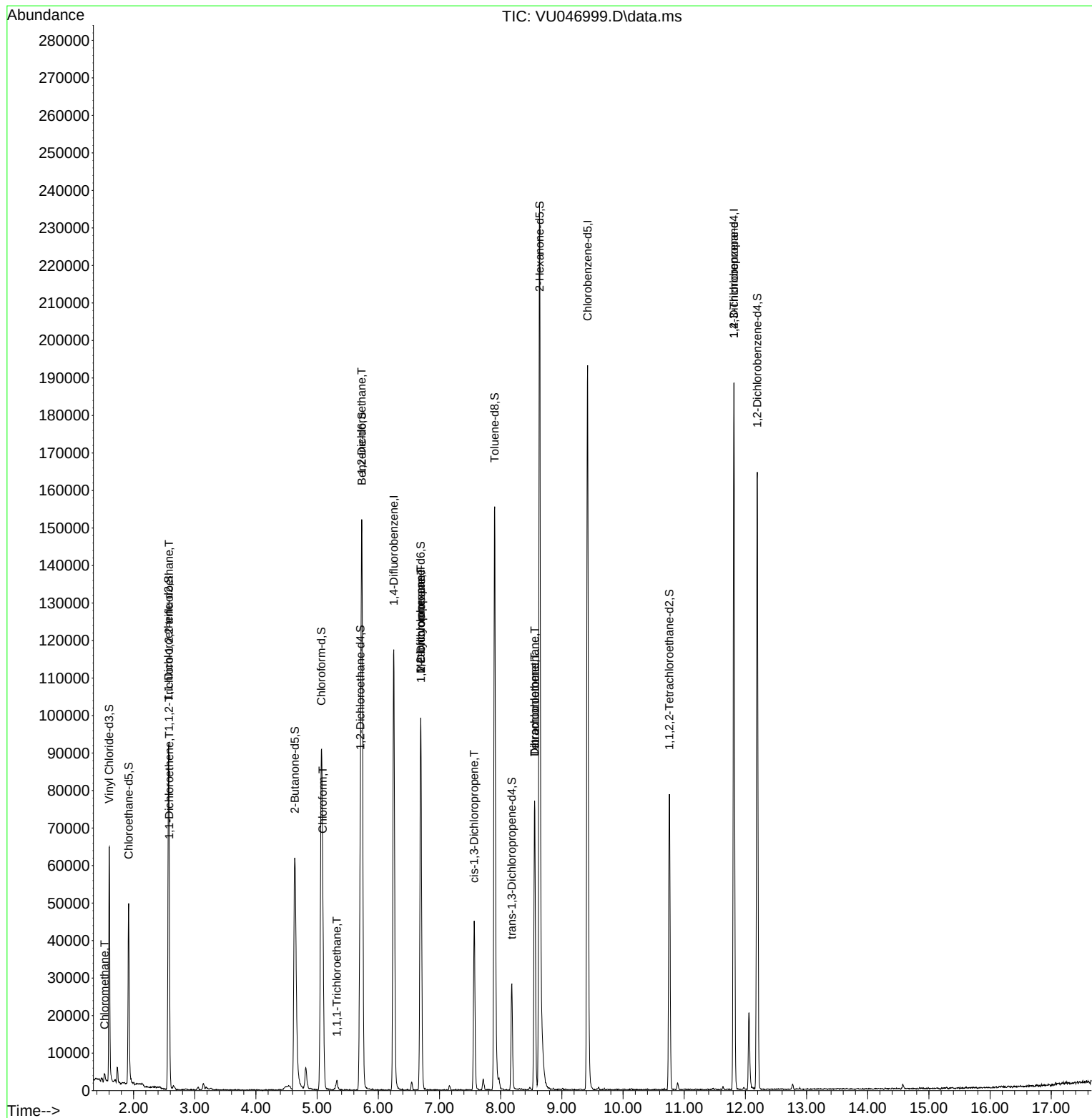
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 97525    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 114918   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 50255    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 47281    | 5.721    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 114.400% |
| 7) Chloroethane-d5            | 1.919  | 69    | 36887    | 5.665    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 113.400% |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 17450    | 5.308    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 106.200% |
| 20) 2-Butanone-d5             | 4.636  | 46    | 105303   | 43.013   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 86.020%  |
| 24) Chloroform-d              | 5.070  | 84    | 78070    | 5.381    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 107.600% |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65    | 40629    | 5.143    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.800% |
| 32) Benzene-d6                | 5.732  | 84    | 145575   | 4.310    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 47873    | 4.721    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.400%  |
| 41) Toluene-d8                | 7.903  | 98    | 113181   | 3.661    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.200%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 17197    | 3.861    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.200%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 84416    | 32.013   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 64.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 41756    | 4.101    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 43272    | 4.591    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.527  | 50    | 1804     | 0.239    | ug/L   | 89       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101   | 555      | 0.097    | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 733      | 0.135    | ug/L # | 1        |
| 25) Chloroform                | 5.092  | 83    | 33934    | 2.159    | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 5.729  | 62    | 687      | 0.099    | ug/L # | 73       |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97    | 1969     | 0.190    | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.694  | 83    | 11388    | 0.968    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 5009     | 0.755    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.565  | 75    | 1051     | 0.101    | ug/L # | 69       |
| 47) Tetrachloroethene         | 8.555  | 164   | 18181    | 3.182    | ug/L   | 94       |
| 49) Dibromochloromethane      | 8.555  | 129   | 17832    | 2.677    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 6125     | 1.438    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

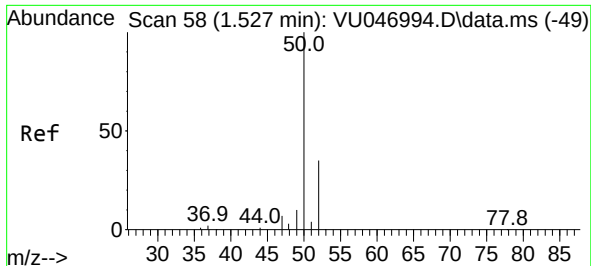
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N1349-08  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
COHP7

Quant Time: Feb 03 03:00:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Feb 03 02:56:36 2022  
Response via : Initial Calibration

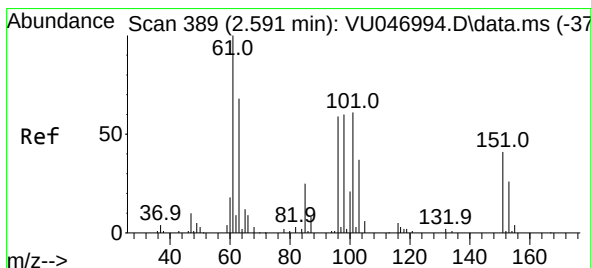
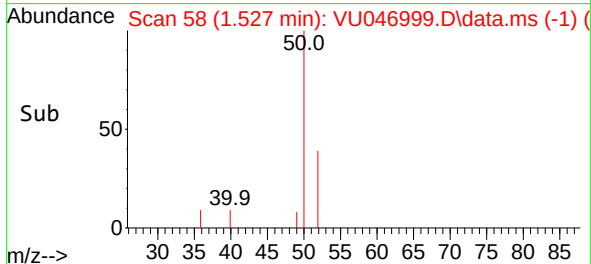
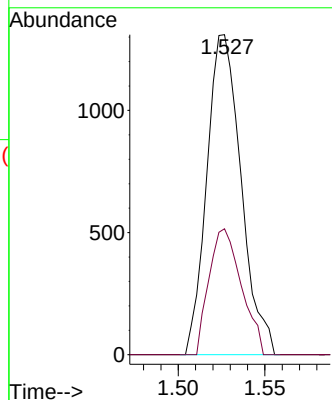
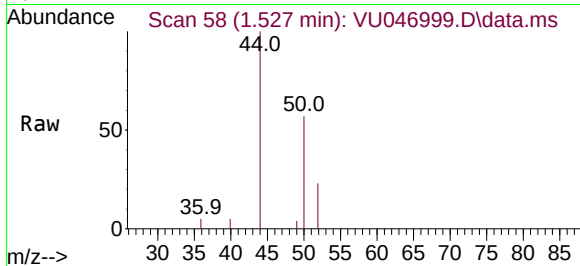




#3  
Chloromethane  
Concen: 0.239 ug/L  
RT: 1.527 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

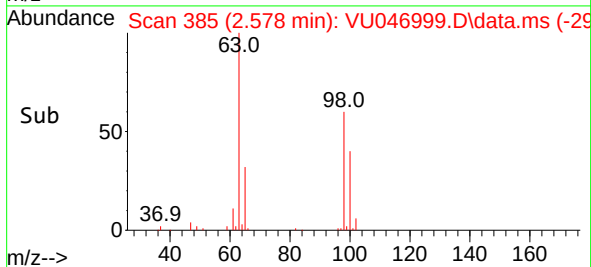
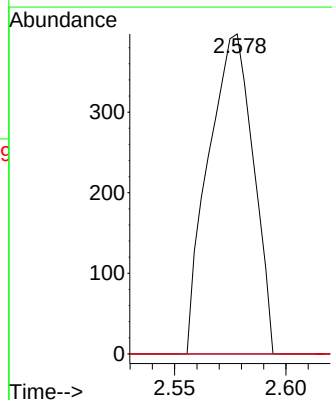
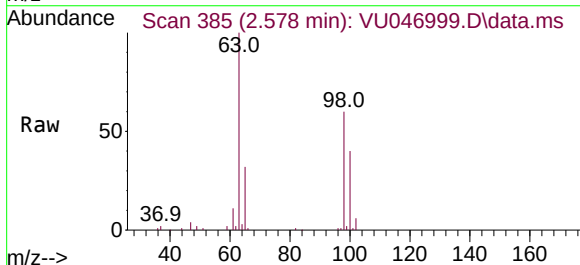
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP7

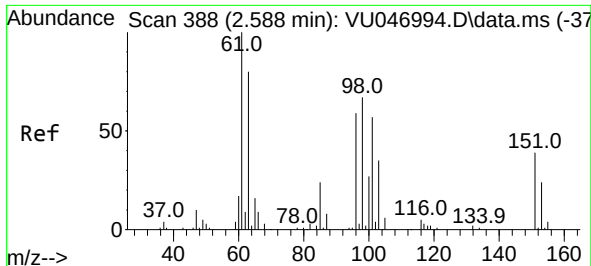
Tgt Ion: 50 Resp: 1804  
Ion Ratio Lower Upper  
50 100  
52 39.4 23.0 42.8



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.097 ug/L  
RT: 2.578 min Scan# 385  
Delta R.T. -0.013 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

Tgt Ion: 101 Resp: 555  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU046999.D

Acq: 02 Feb 2022 14:15

Instrument :

MSVOA\_U

ClientSampleId :

C0HP7

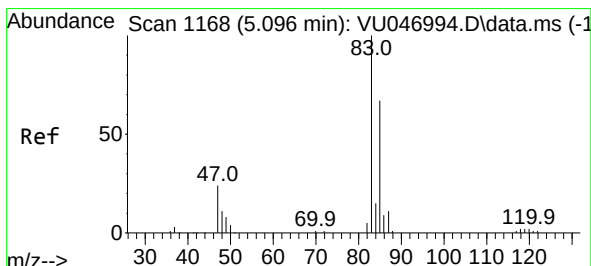
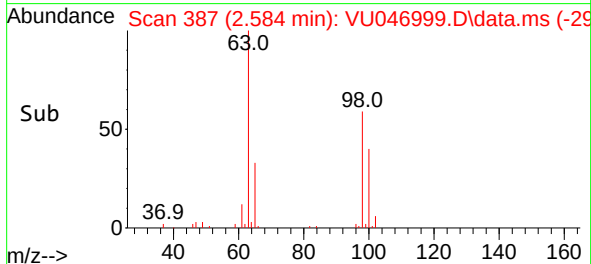
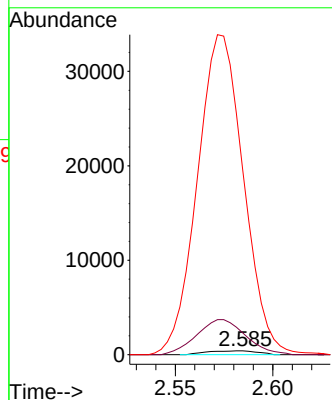
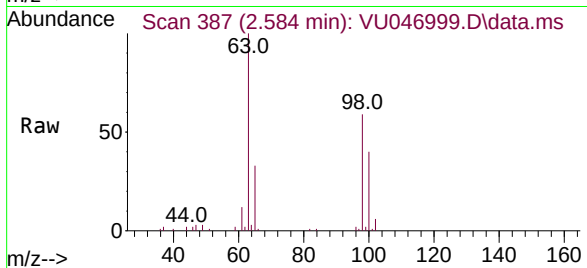
Tgt Ion: 96 Resp: 733

Ion Ratio Lower Upper

96 100

61 568.1 124.7 231.5#

63 4821.6 105.2 195.4#



#25

Chloroform

Concen: 2.159 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046999.D

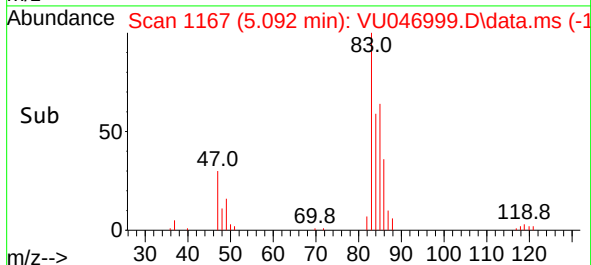
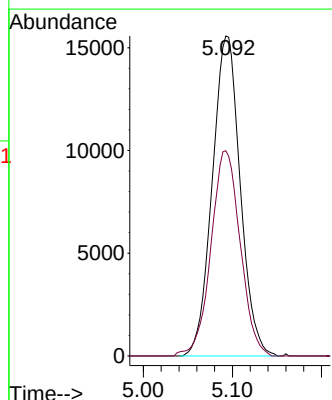
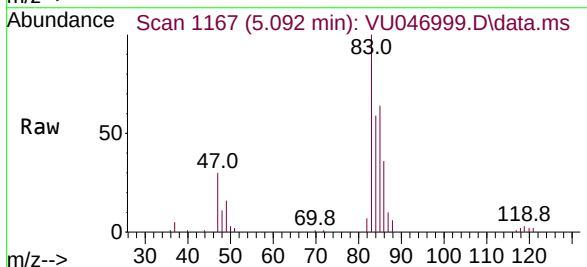
Acq: 02 Feb 2022 14:15

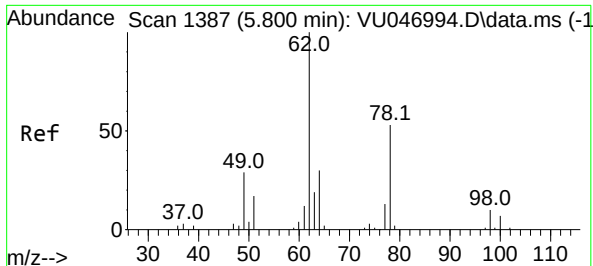
Tgt Ion: 83 Resp: 33934

Ion Ratio Lower Upper

83 100

85 64.1 46.9 87.1

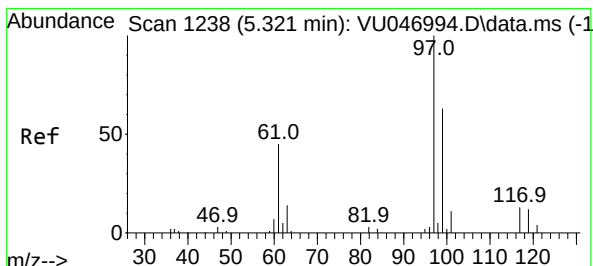
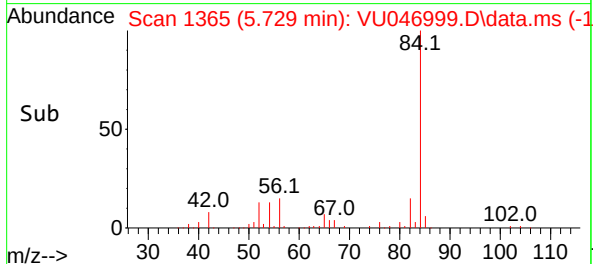
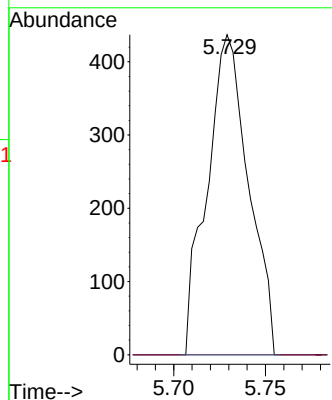
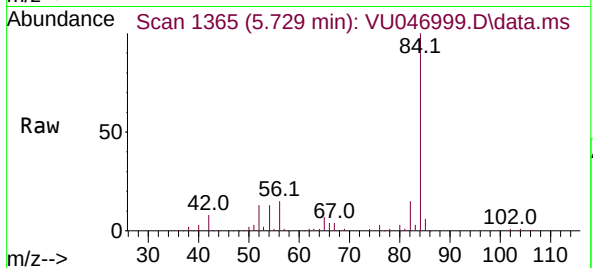




#27  
1,2-Dichloroethane  
Concen: 0.099 ug/L  
RT: 5.729 min Scan# 11  
Delta R.T. -0.071 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

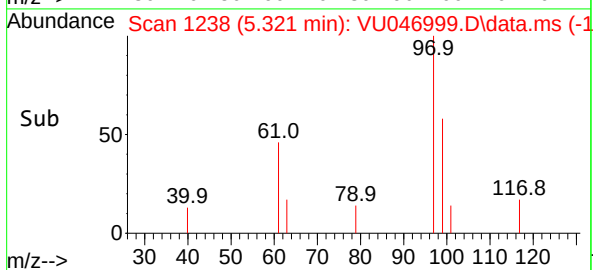
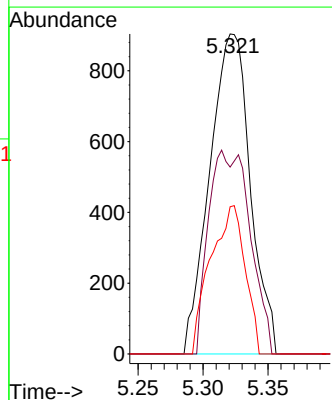
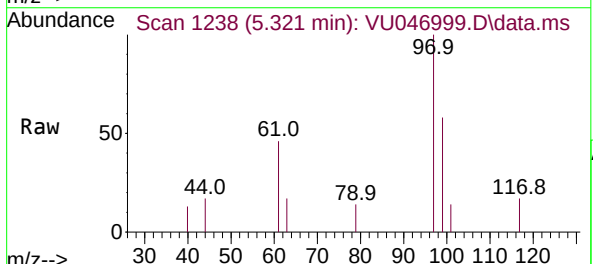
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP7

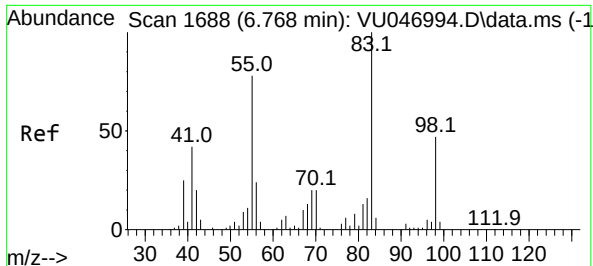
Tgt Ion: 62 Resp: 687  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.8 11.8#



#29  
1,1,1-Trichloroethane  
Concen: 0.190 ug/L  
RT: 5.321 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

Tgt Ion: 97 Resp: 1969  
Ion Ratio Lower Upper  
97 100  
99 34.9 51.3 76.9#  
61 39.4 36.1 54.1

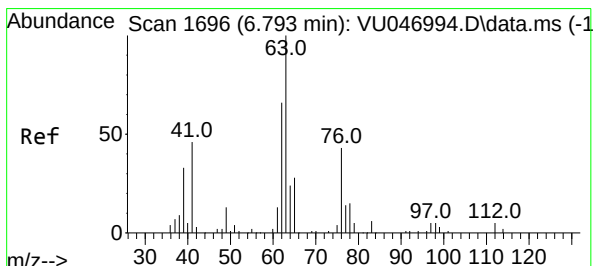
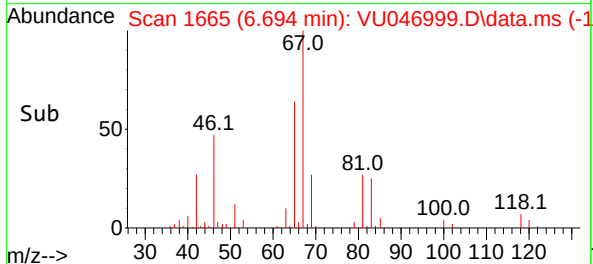
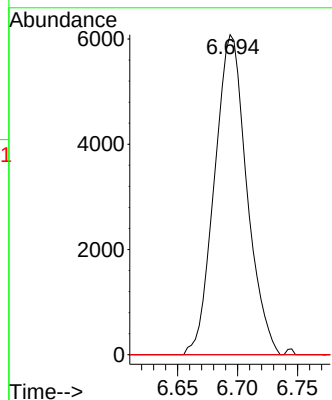
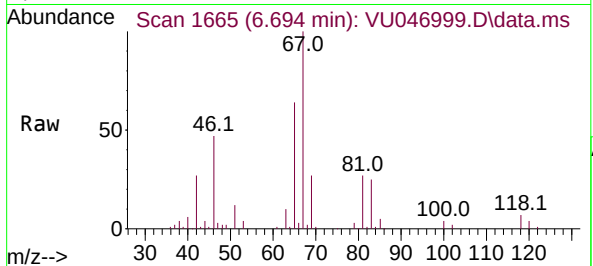




#35  
Methylcyclohexane  
Concen: 0.968 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

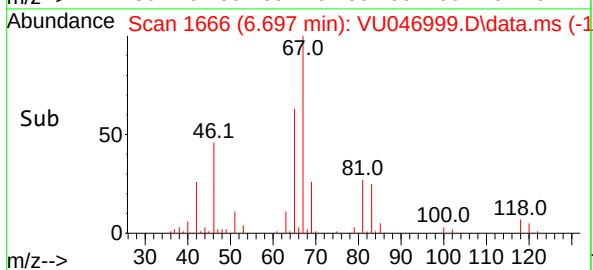
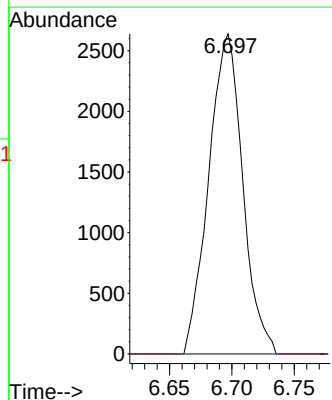
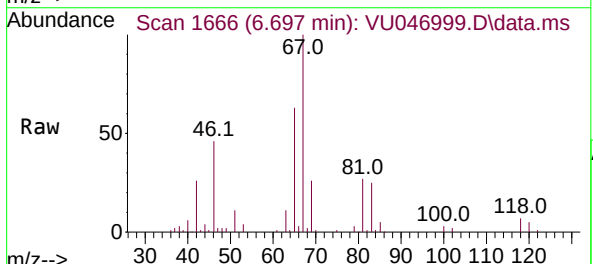
Instrument :  
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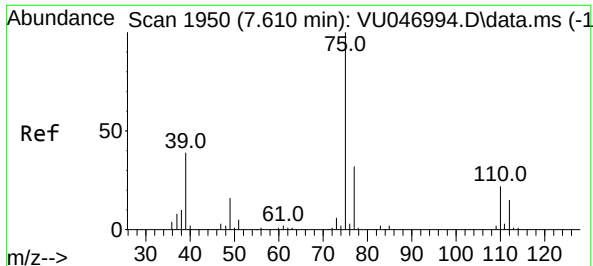
Tgt Ion: 83 Resp: 11388  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 0.0 39.0 58.6#



#37  
1,2-Dichloropropane  
Concen: 0.755 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.096 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

Tgt Ion: 63 Resp: 5009  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046999.D

Acq: 02 Feb 2022 14:15

Instrument :

MSVOA\_U

ClientSampleId :

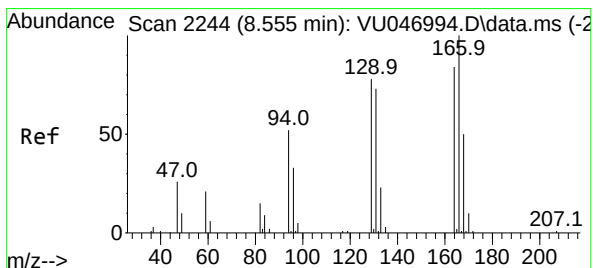
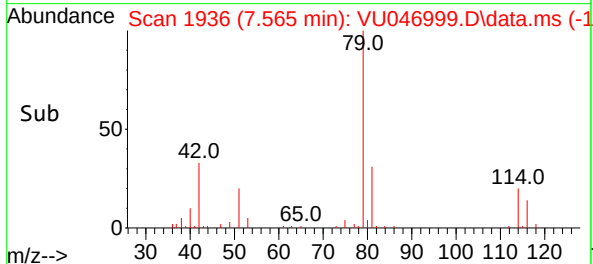
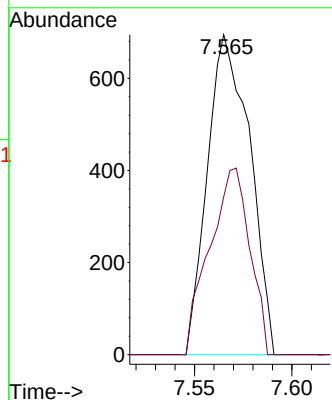
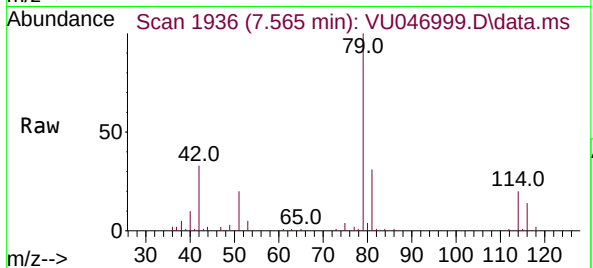
C0HP7

Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

75 100

77 49.4 22.5 41.9#



#47

Tetrachloroethene

Concen: 3.182 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046999.D

Acq: 02 Feb 2022 14:15

Tgt Ion: 164 Resp: 18181

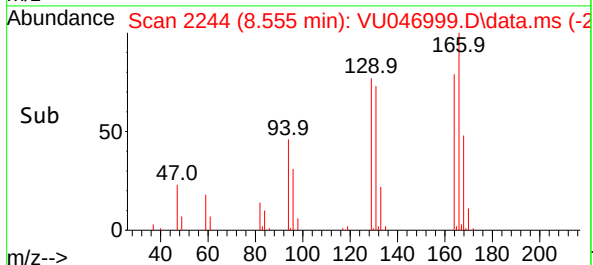
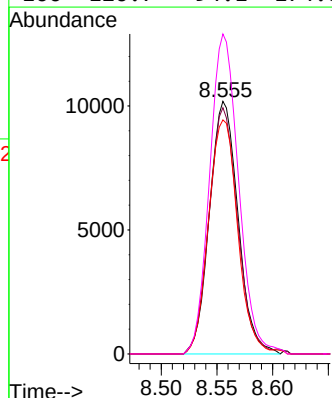
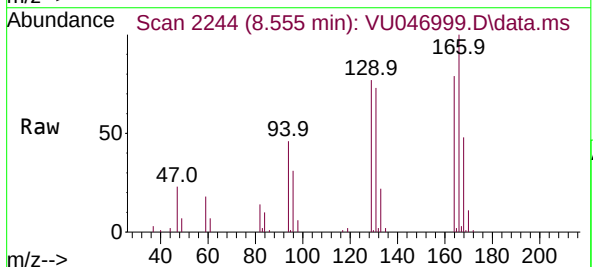
Ion Ratio Lower Upper

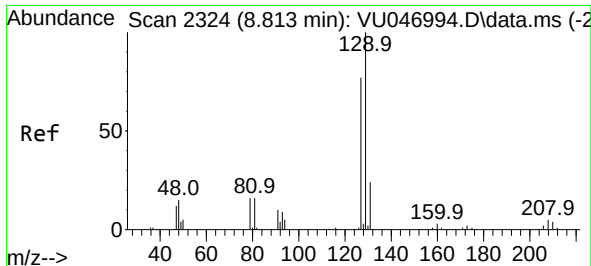
164 100

129 97.4 71.8 133.4

131 92.6 68.5 127.3

166 126.7 94.1 174.8

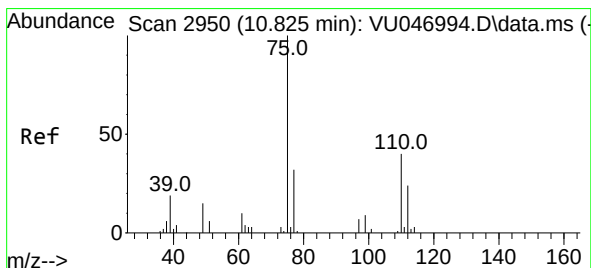
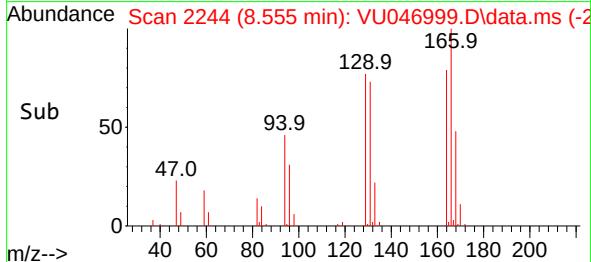
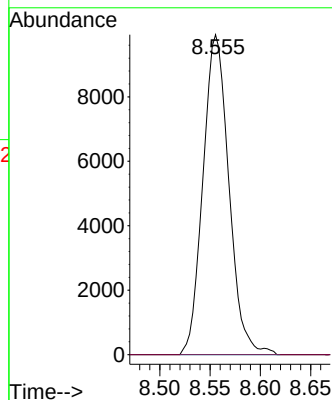
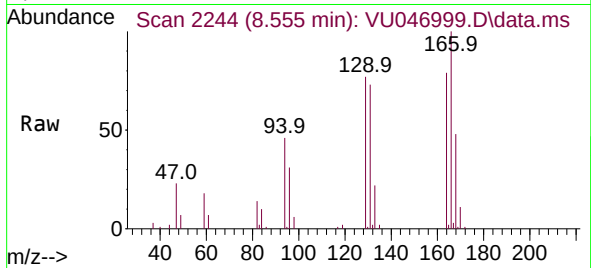




#49  
Dibromochloromethane  
Concen: 2.677 ug/L  
RT: 8.555 min Scan# 21  
Delta R.T. -0.257 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0HP7

Tgt Ion:129 Resp: 17832  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.4 102.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.438 ug/L  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.987 min  
Lab File: VU046999.D  
Acq: 02 Feb 2022 14:15

Tgt Ion: 75 Resp: 6125  
Ion Ratio Lower Upper  
75 100  
110 2.2 29.9 44.9#  
77 32.3 25.5 38.3

