

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030422\  
 Data File : VU047352.D  
 Acq On : 05 Mar 2022 00:11  
 Operator : SY/MD  
 Sample : N1810-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBDA3

Quant Time: Mar 05 01:28:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 04 23:20:39 2022  
 Response via : Initial Calibration

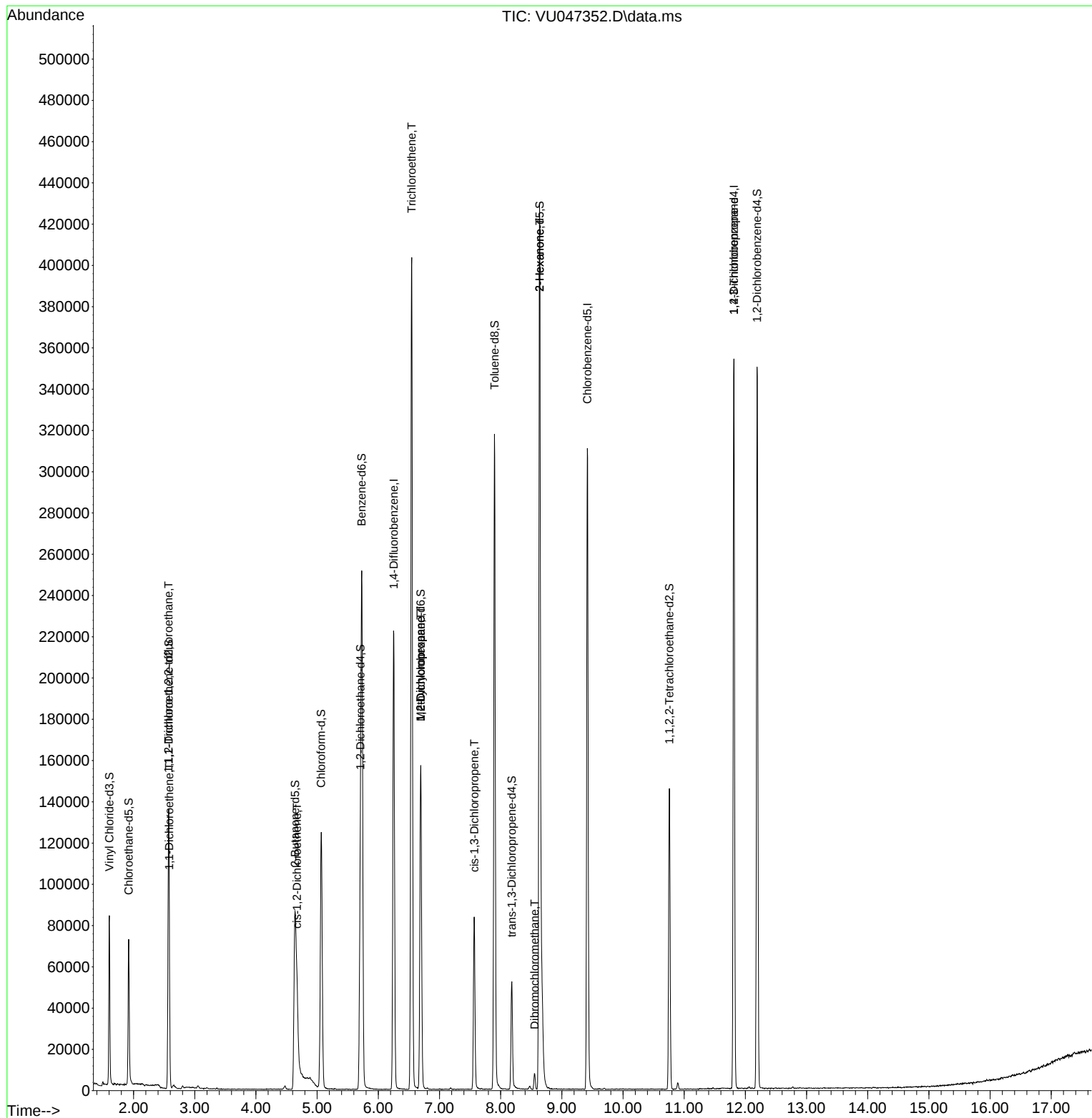
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 189825   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 183170   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 99164    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 57931    | 4.300    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.000%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 52554    | 4.676    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 24835    | 4.365    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.200%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 179340   | 40.547   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.100%  |
| 24) Chloroform-d              | 5.066  | 84    | 116086   | 4.663    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 67730    | 4.848    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.000%  |
| 32) Benzene-d6                | 5.729  | 84    | 239385   | 4.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67    | 76578    | 4.766    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.400%  |
| 41) Toluene-d8                | 7.899  | 98    | 217845   | 4.472    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.400%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 31132    | 4.409    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.200%  |
| 46) 2-Hexanone-d5             | 8.635  | 63    | 187434   | 46.644   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.280%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 73895    | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 96209    | 4.951    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101   | 691      | 0.076    | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 1675     | 0.180    | ug/L # | 1        |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96    | 11247    | 1.022    | ug/L   | 96       |
| 34) Trichloroethene           | 6.546  | 95    | 136933   | 12.603   | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.693  | 83    | 17743    | 1.065    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.693  | 63    | 8044     | 0.785    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75    | 1957     | 0.120    | ug/L # | 61       |
| 48) 2-Hexanone                | 8.635  | 43    | 22091    | 3.830    | ug/L # | 64       |
| 49) Dibromochloromethane      | 8.555  | 129   | 1805     | 0.173    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 10564    | 1.283    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

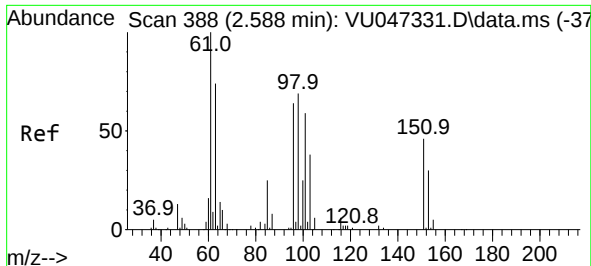
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Mar 04 23:20:39 2022  
Response via : Initial Calibration

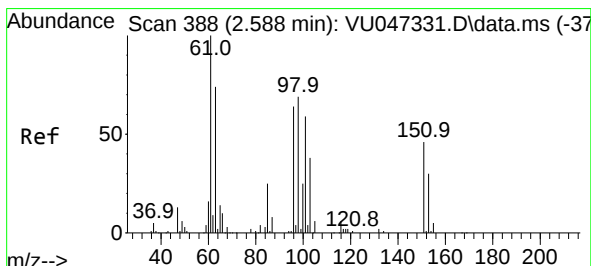
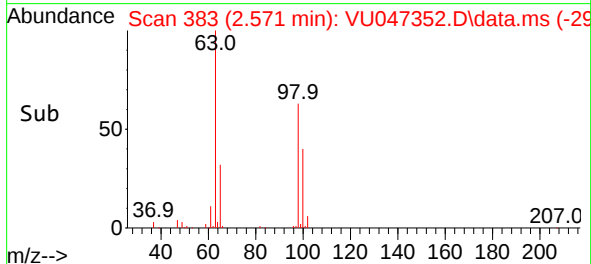
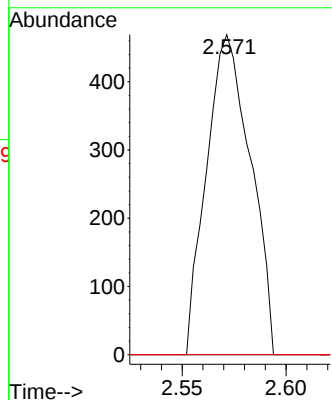
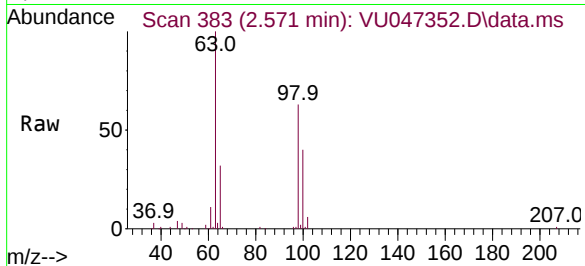




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.076 ug/L  
 RT: 2.571 min Scan# 383  
 Delta R.T. -0.016 min  
 Lab File: VU047352.D  
 Acq: 05 Mar 2022 00:11

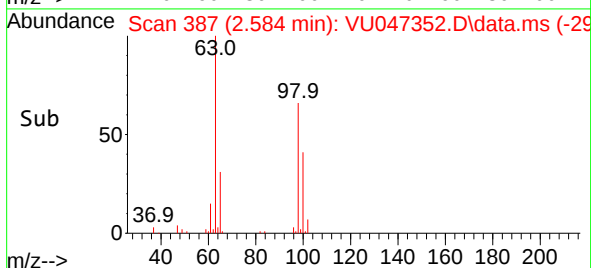
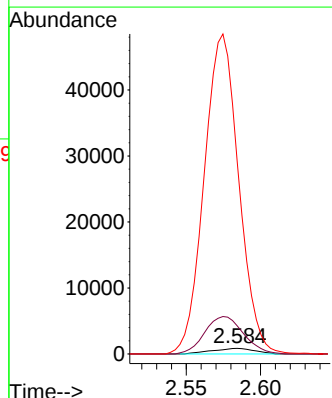
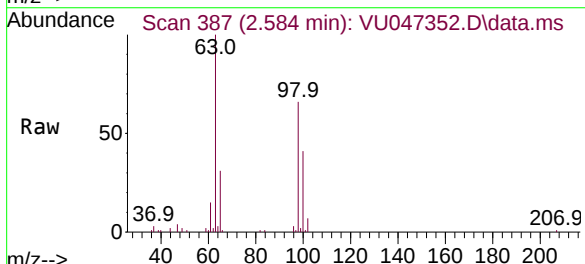
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBDA3

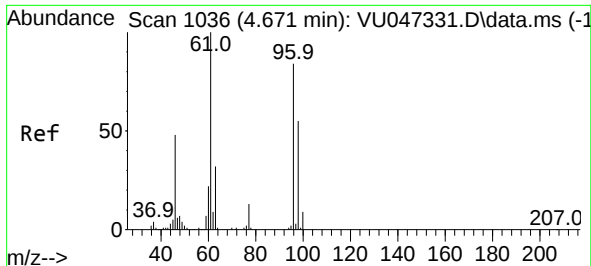
Tgt Ion:101 Resp: 691  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 51.8#  
 151 0.0 56.1 84.1#



#12  
 1,1-Dichloroethene  
 Concen: 0.180 ug/L  
 RT: 2.584 min Scan# 387  
 Delta R.T. -0.003 min  
 Lab File: VU047352.D  
 Acq: 05 Mar 2022 00:11

Tgt Ion: 96 Resp: 1675  
 Ion Ratio Lower Upper  
 96 100  
 61 504.1 124.7 231.5#  
 63 3441.2 105.2 195.4#

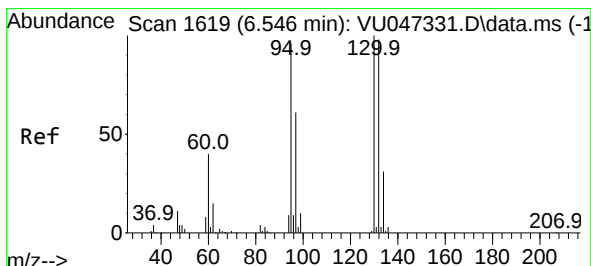
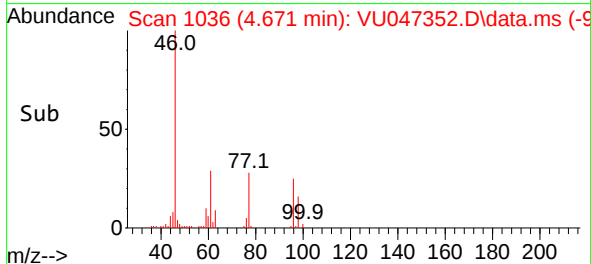
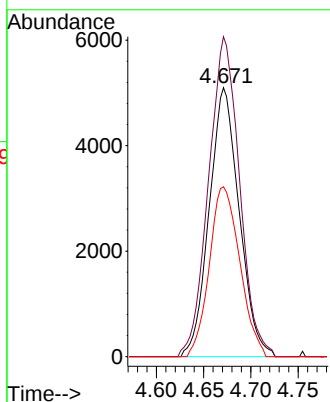
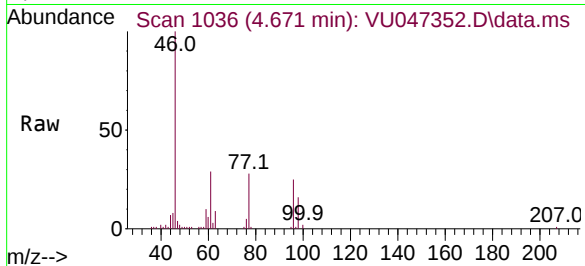




#22  
 cis-1,2-Dichloroethene  
 Concen: 1.022 ug/L  
 RT: 4.671 min Scan# 1036  
 Delta R.T. -0.000 min  
 Lab File: VU047352.D  
 Acq: 05 Mar 2022 00:11

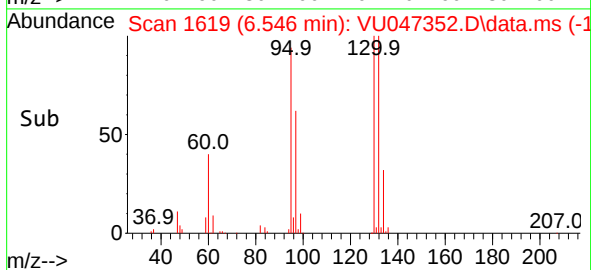
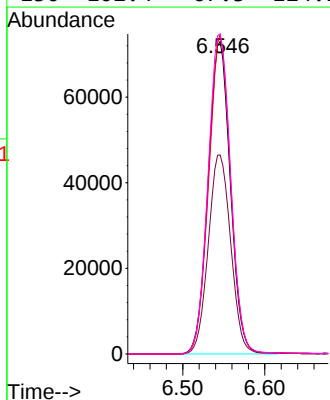
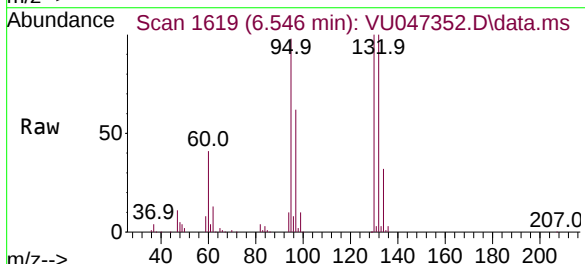
Instrument :  
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 ClientSampleId :  
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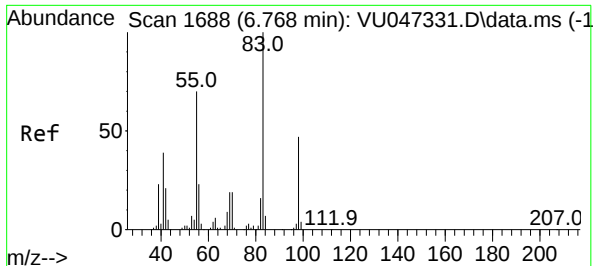
Tgt Ion: 96 Resp: 11247  
 Ion Ratio Lower Upper  
 96 100  
 61 119.0 88.5 164.3  
 98 63.2 44.4 82.5



#34  
 Trichloroethene  
 Concen: 12.603 ug/L  
 RT: 6.546 min Scan# 1619  
 Delta R.T. -0.000 min  
 Lab File: VU047352.D  
 Acq: 05 Mar 2022 00:11

Tgt Ion: 95 Resp: 136933  
 Ion Ratio Lower Upper  
 95 100  
 97 63.7 46.5 86.5  
 132 102.1 65.1 120.9  
 130 102.4 67.3 124.9

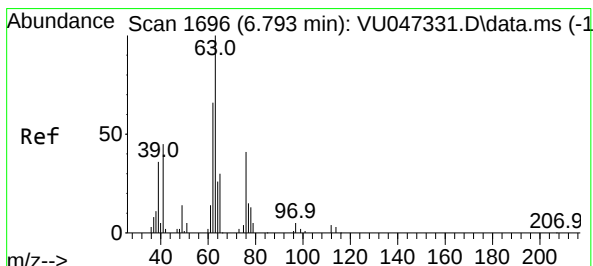
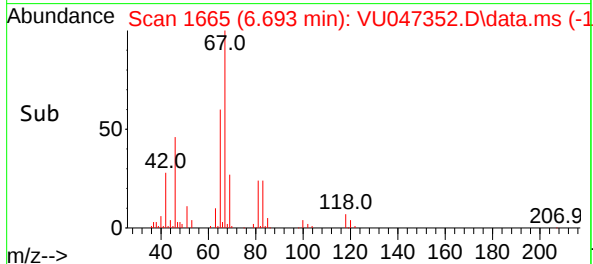
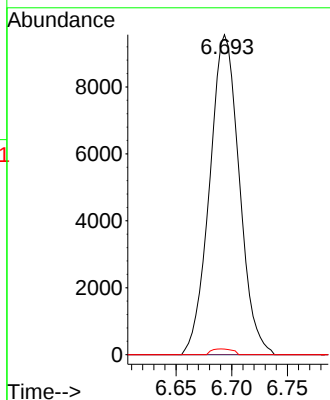
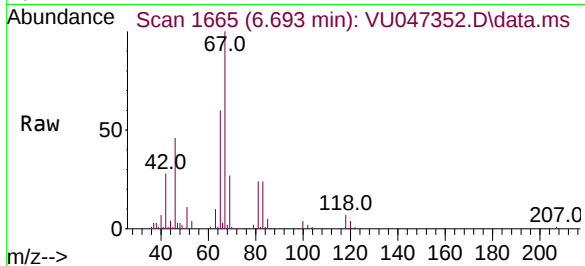




#35  
Methylcyclohexane  
Concen: 1.065 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU047352.D  
Acq: 05 Mar 2022 00:11

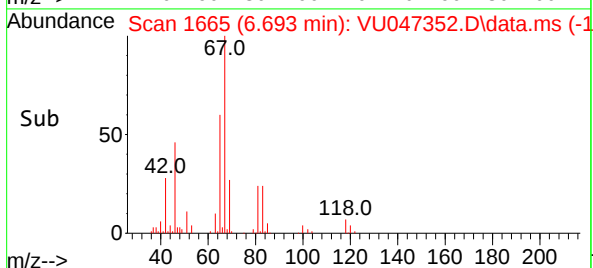
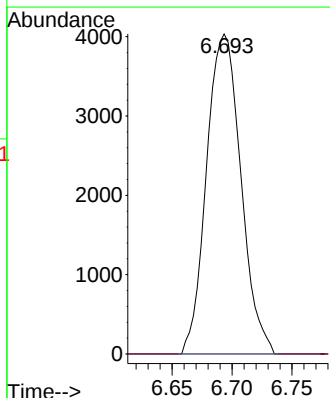
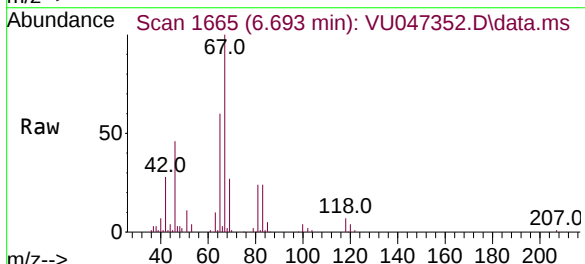
Instrument :  
MSVOA\_U  
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GBDA3

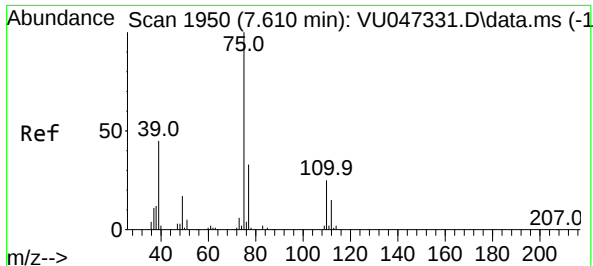
Tgt Ion: 83 Resp: 17743  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 1.3 39.0 58.6#



#37  
1,2-Dichloropropane  
Concen: 0.785 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.100 min  
Lab File: VU047352.D  
Acq: 05 Mar 2022 00:11

Tgt Ion: 63 Resp: 8044  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.568 min Scan# 1957

Delta R.T. -0.042 min

Lab File: VU047352.D

Acq: 05 Mar 2022 00:11

Instrument :

MSVOA\_U

ClientSampleId :

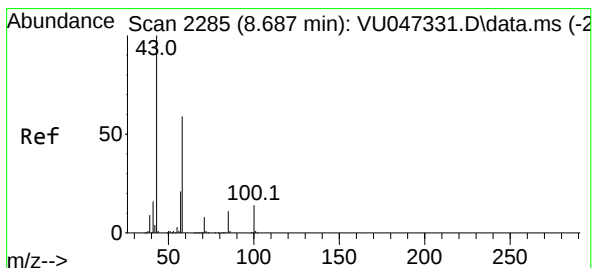
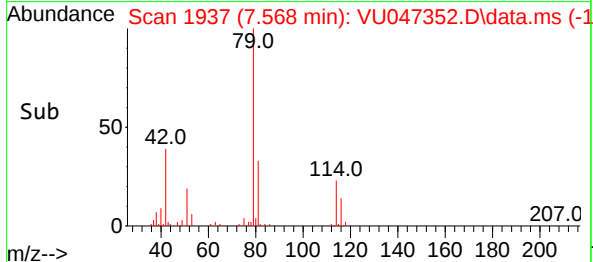
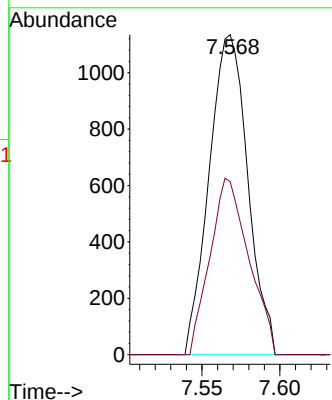
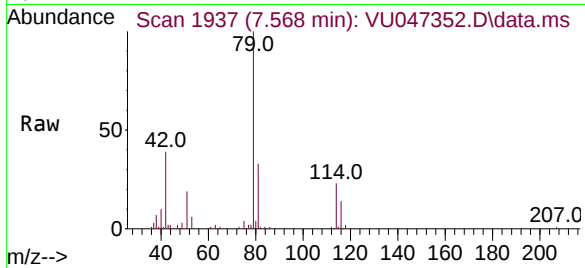
GBDA3

Tgt Ion: 75 Resp: 1957

Ion Ratio Lower Upper

75 100

77 54.1 22.5 41.9#



#48

2-Hexanone

Concen: 3.830 ug/L

RT: 8.635 min Scan# 2269

Delta R.T. -0.052 min

Lab File: VU047352.D

Acq: 05 Mar 2022 00:11

Tgt Ion: 43 Resp: 22091

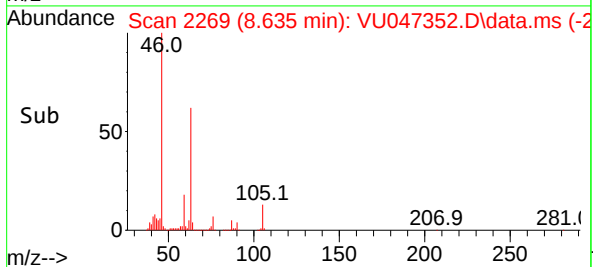
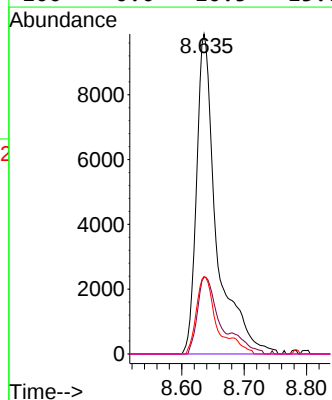
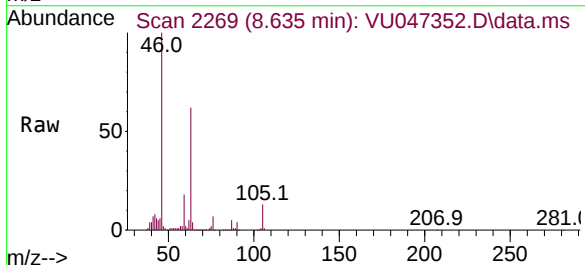
Ion Ratio Lower Upper

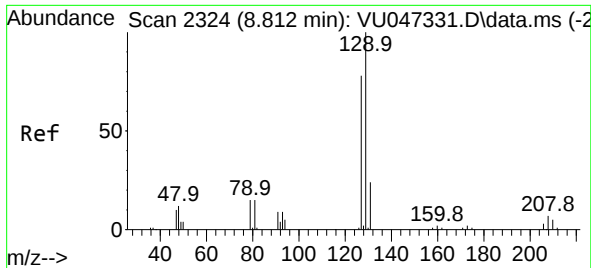
43 100

58 23.0 46.7 70.1#

57 22.3 16.3 24.5

100 0.0 10.5 15.7#

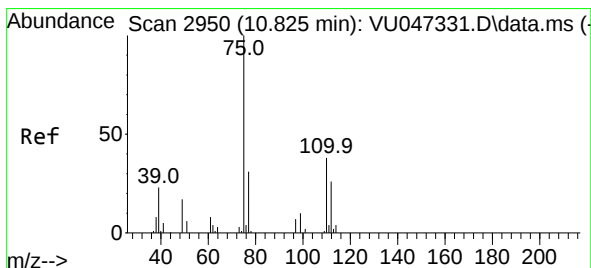
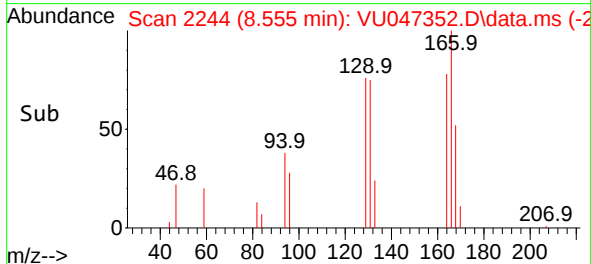
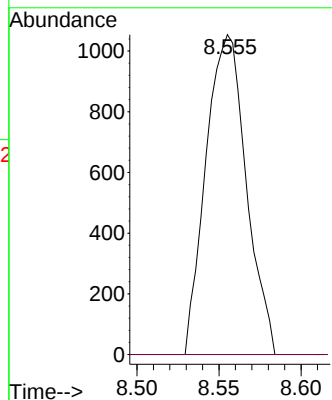
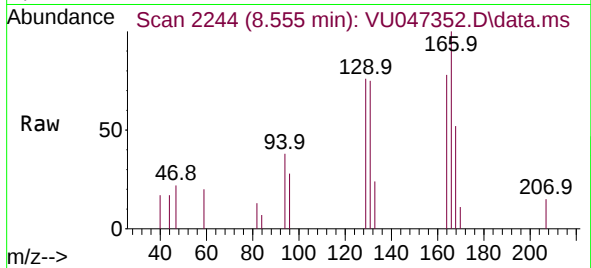




#49  
Dibromochloromethane  
Concen: 0.173 ug/L  
RT: 8.555 min Scan# 211  
Delta R.T. -0.257 min  
Lab File: VU047352.D  
Acq: 05 Mar 2022 00:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
GBDA3

Tgt Ion:129 Resp: 1805  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.4 102.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.283 ug/L  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.987 min  
Lab File: VU047352.D  
Acq: 05 Mar 2022 00:11

Tgt Ion: 75 Resp: 10564  
Ion Ratio Lower Upper  
75 100  
110 2.5 29.9 44.9#  
77 31.7 25.5 38.3

