

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020322\  
 Data File : VU047036.D  
 Acq On : 03 Feb 2022 21:03  
 Operator : SY/MD  
 Sample : N1349-05DL 1000X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 04 05:51:03 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

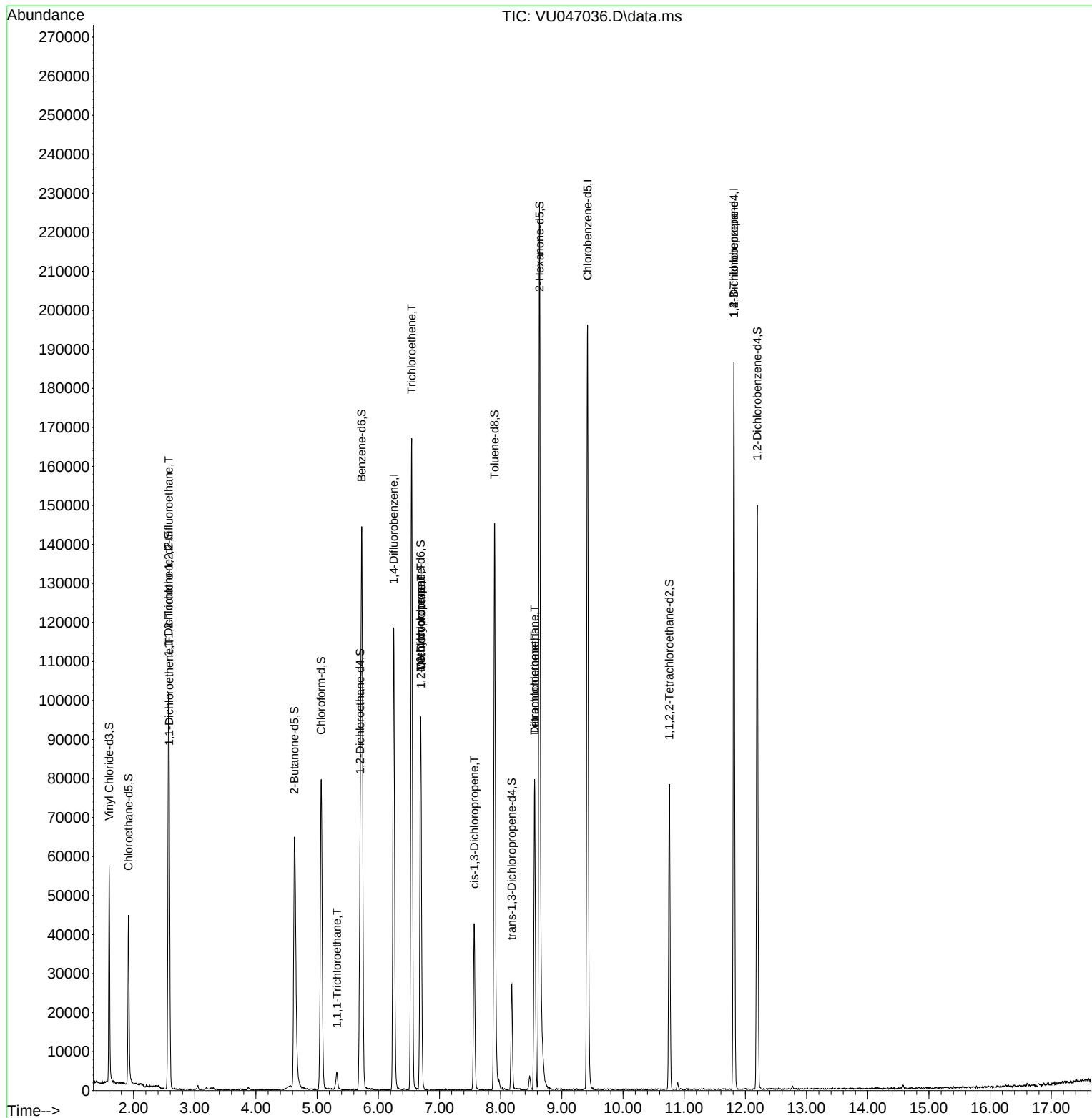
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 97551    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 118052   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 49936    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 40751    | 4.930    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.600%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 34043    | 5.227    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 104.600% |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 16223    | 4.934    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 98.600%  |
| 20) 2-Butanone-d5             | 4.629  | 46    | 102985   | 42.055   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 84.100%  |
| 24) Chloroform-d              | 5.067  | 84    | 74120    | 5.108    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.200% |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 39670    | 5.020    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.400% |
| 32) Benzene-d6                | 5.729  | 84    | 137735   | 3.970    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 46185    | 4.433    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.600%  |
| 41) Toluene-d8                | 7.903  | 98    | 107070   | 3.372    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.400%# |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 16094    | 3.518    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 70.400%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 80796    | 29.826   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 59.660%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 39979    | 3.823    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 76.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 40523    | 4.327    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 86.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101   | 367      | 0.064    | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 12423    | 2.281    | ug/L # | 60       |
| 29) 1,1,1-Trichloroethane     | 5.324  | 97    | 3214     | 0.302    | ug/L   | 97       |
| 34) Trichloroethene           | 6.546  | 95    | 58237    | 8.070    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.694  | 83    | 10662    | 0.882    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 4573     | 0.671    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75    | 958      | 0.090    | ug/L   | 85       |
| 47) Tetrachloroethene         | 8.555  | 164   | 18215    | 3.104    | ug/L   | 93       |
| 49) Dibromochloromethane      | 8.555  | 129   | 17546    | 2.564    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 6360     | 1.503    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

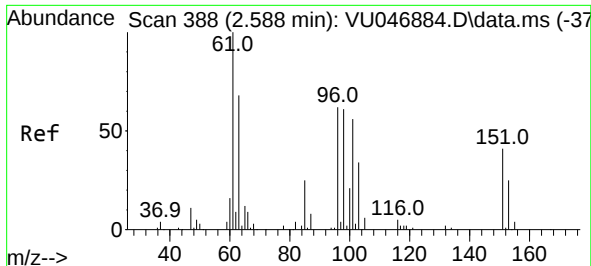
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Feb 03 02:56:36 2022  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.064 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.016 min

Lab File: VU047036.D

Acq: 03 Feb 2022 21:03

Instrument :

MSVOA\_U

ClientSampleId :

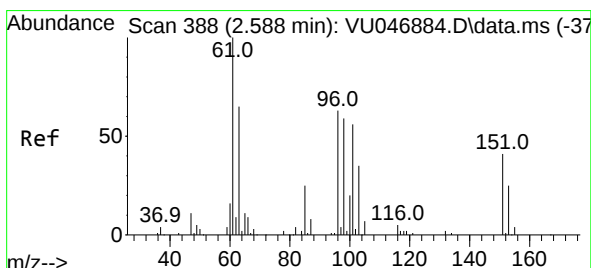
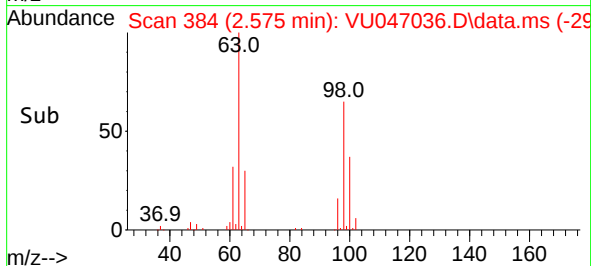
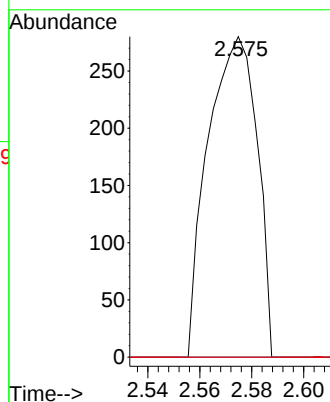
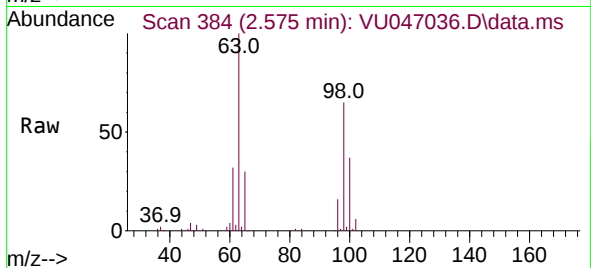
Tgt Ion:101 Resp: 367

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: 2.281 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047036.D

Acq: 03 Feb 2022 21:03

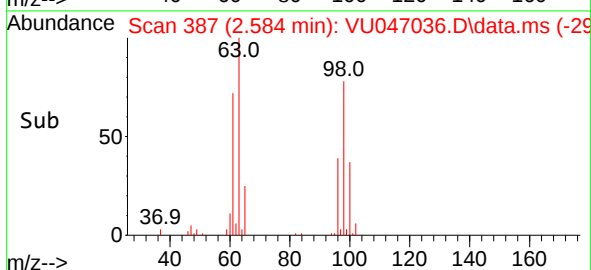
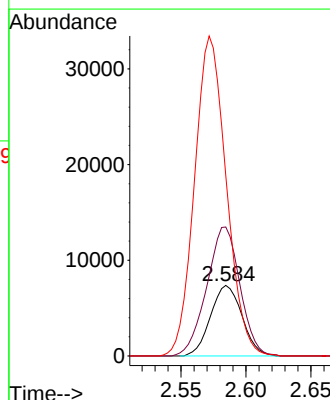
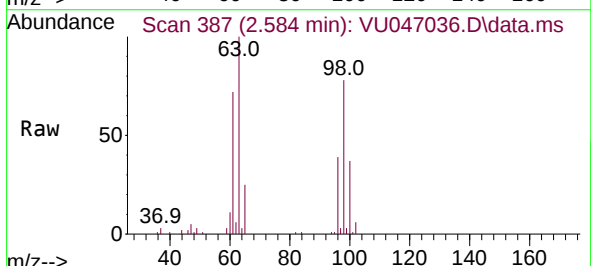
Tgt Ion: 96 Resp: 12423

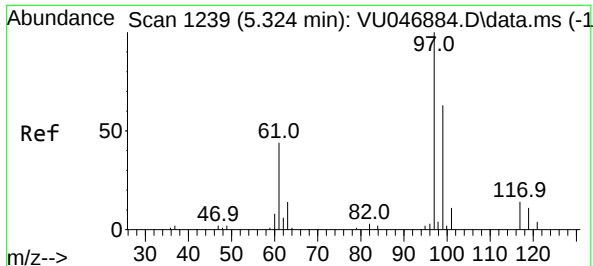
Ion Ratio Lower Upper

96 100

61 182.8 124.7 231.5

63 255.3 105.2 195.4#





#29

1,1,1-Trichloroethane

Concen: 0.302 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047036.D

Acq: 03 Feb 2022 21:03

Instrument :

MSVOA\_U

ClientSampleId :

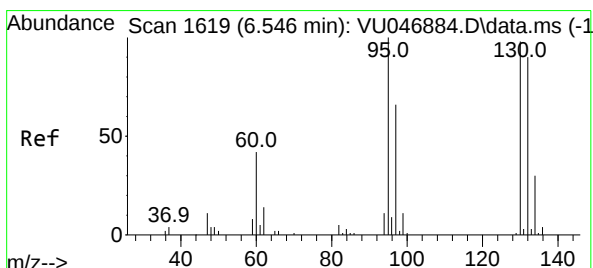
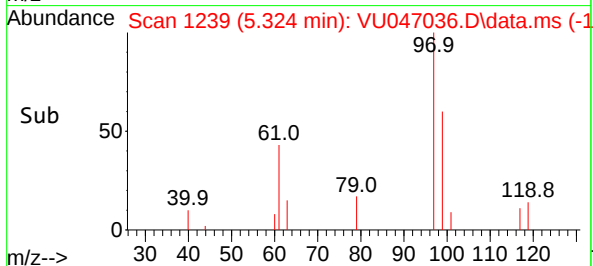
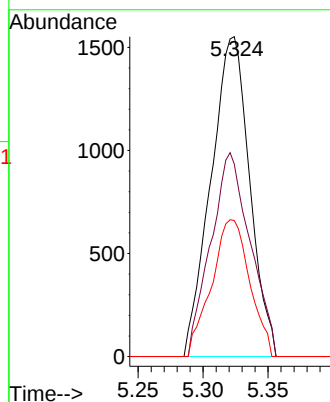
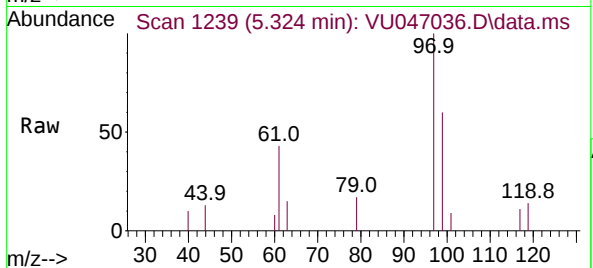
Tgt Ion: 97 Resp: 3214

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 42.3 36.1 54.1



#34

Trichloroethene

Concen: 8.070 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047036.D

Acq: 03 Feb 2022 21:03

Tgt Ion: 95 Resp: 58237

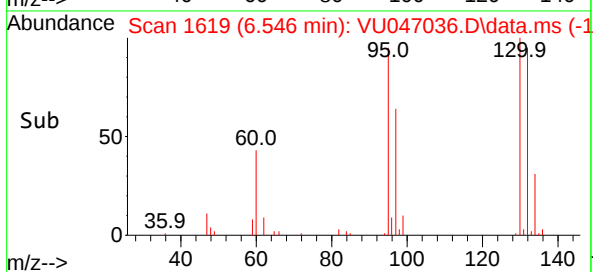
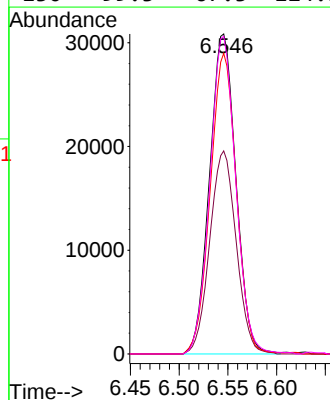
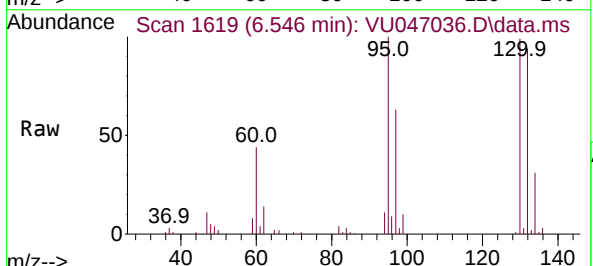
Ion Ratio Lower Upper

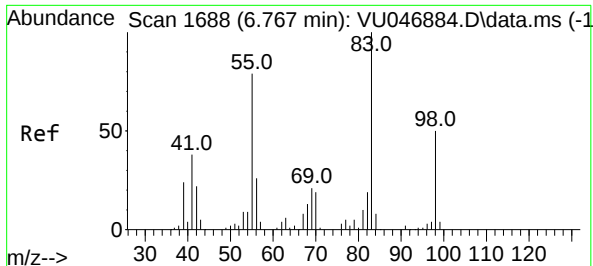
95 100

97 63.5 46.5 86.5

132 94.0 65.1 120.9

130 99.3 67.3 124.9

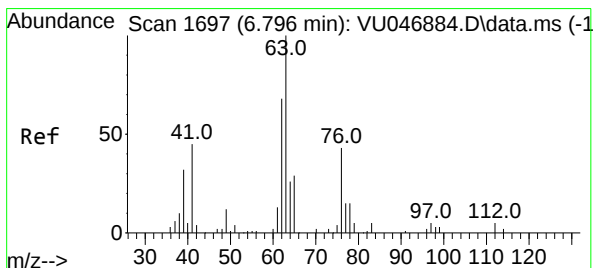
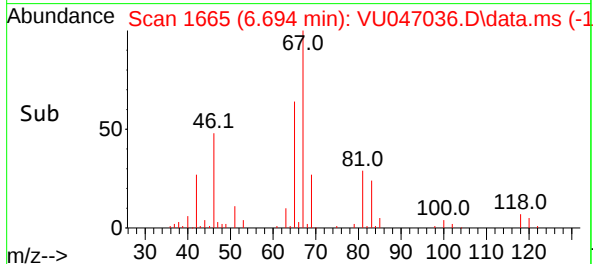
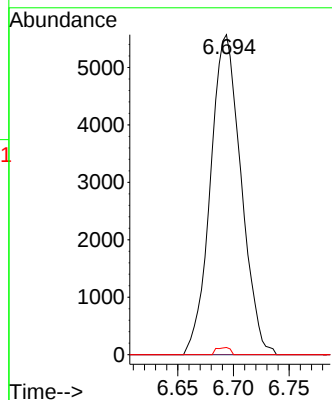
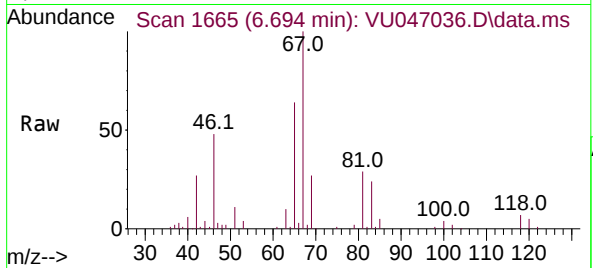




#35  
Methylcyclohexane  
Concen: 0.882 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU047036.D  
Acq: 03 Feb 2022 21:03

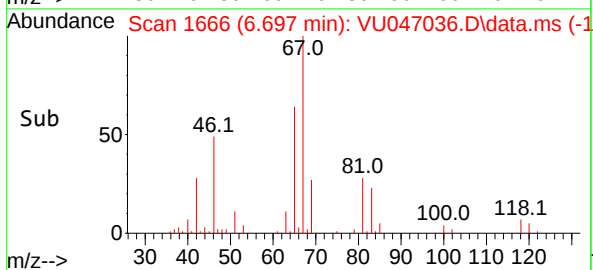
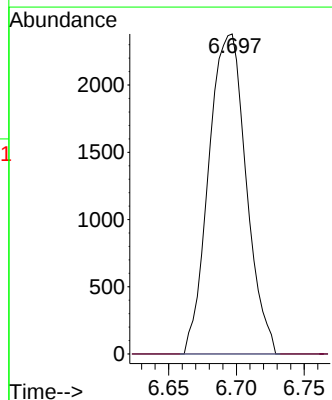
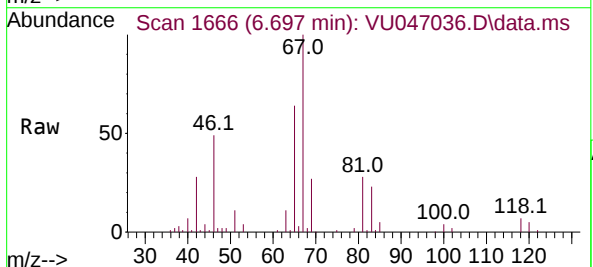
Instrument :  
MSVOA\_U  
ClientSampleId :

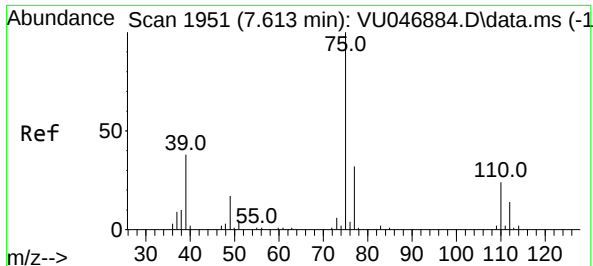
Tgt Ion: 83 Resp: 10662  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 1.0 39.0 58.6#



#37  
1,2-Dichloropropane  
Concen: 0.671 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.096 min  
Lab File: VU047036.D  
Acq: 03 Feb 2022 21:03

Tgt Ion: 63 Resp: 4573  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.571 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU047036.D

Acq: 03 Feb 2022 21:03

Instrument :

MSVOA\_U

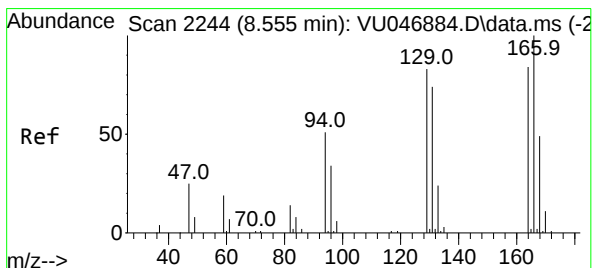
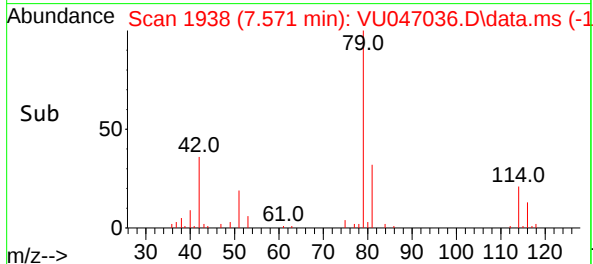
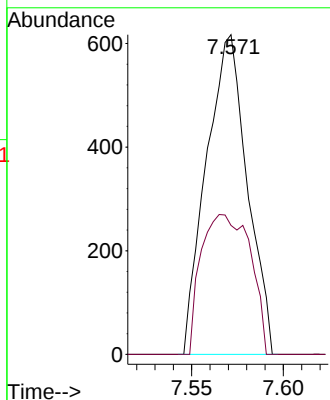
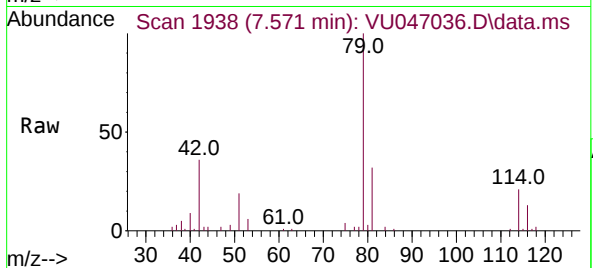
ClientSampleId :

Tgt Ion: 75 Resp: 958

Ion Ratio Lower Upper

75 100

77 40.4 22.5 41.9



#47

Tetrachloroethene

Concen: 3.104 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047036.D

Acq: 03 Feb 2022 21:03

Tgt Ion: 164 Resp: 18215

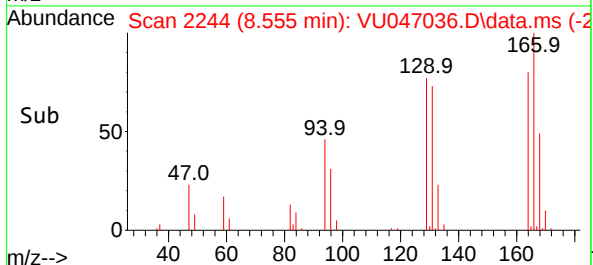
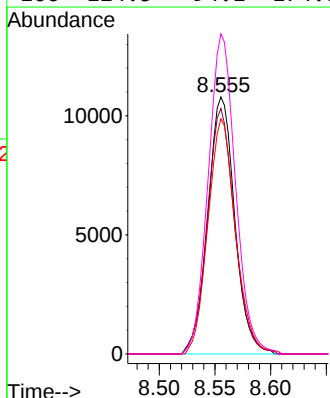
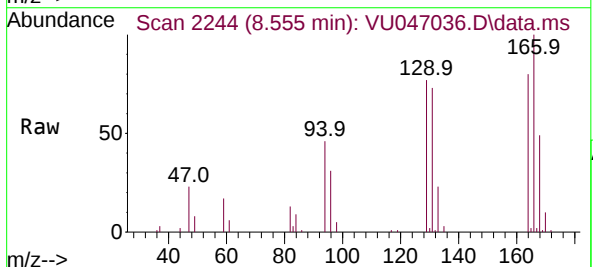
Ion Ratio Lower Upper

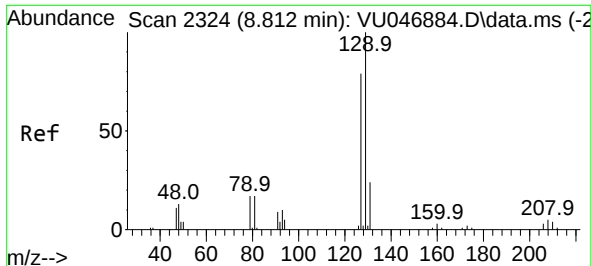
164 100

129 95.5 71.8 133.4

131 91.5 68.5 127.3

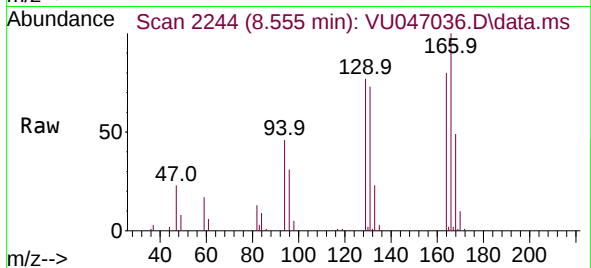
166 124.5 94.1 174.8



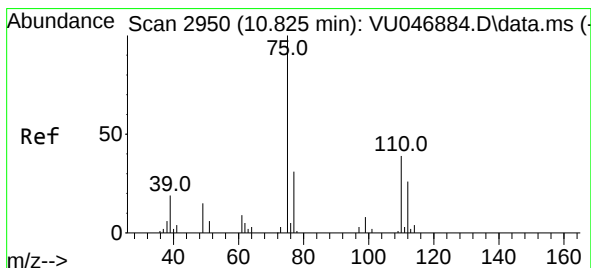
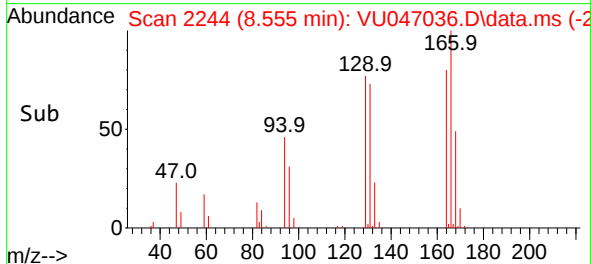
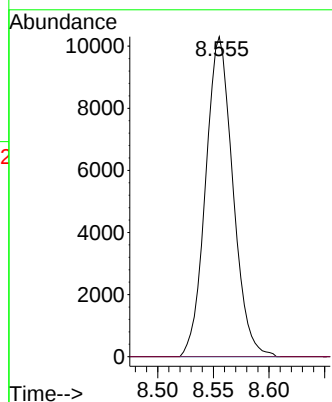


#49  
Dibromochloromethane  
Concen: 2.564 ug/L  
RT: 8.555 min Scan# 21  
Delta R.T. -0.257 min  
Lab File: VU047036.D  
Acq: 03 Feb 2022 21:03

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:129 Resp: 17546  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.4 102.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.503 ug/L  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.987 min  
Lab File: VU047036.D  
Acq: 03 Feb 2022 21:03

Tgt Ion: 75 Resp: 6360  
Ion Ratio Lower Upper  
75 100  
110 0.7 29.9 44.9#  
77 31.1 25.5 38.3

