

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051822\  
 Data File : VU048613.D  
 Acq On : 18 May 2022 14:58  
 Operator : SY/MD  
 Sample : N2849-11  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXXX4

Quant Time: May 19 06:04:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051622WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu May 19 06:01:59 2022  
 Response via : Initial Calibration

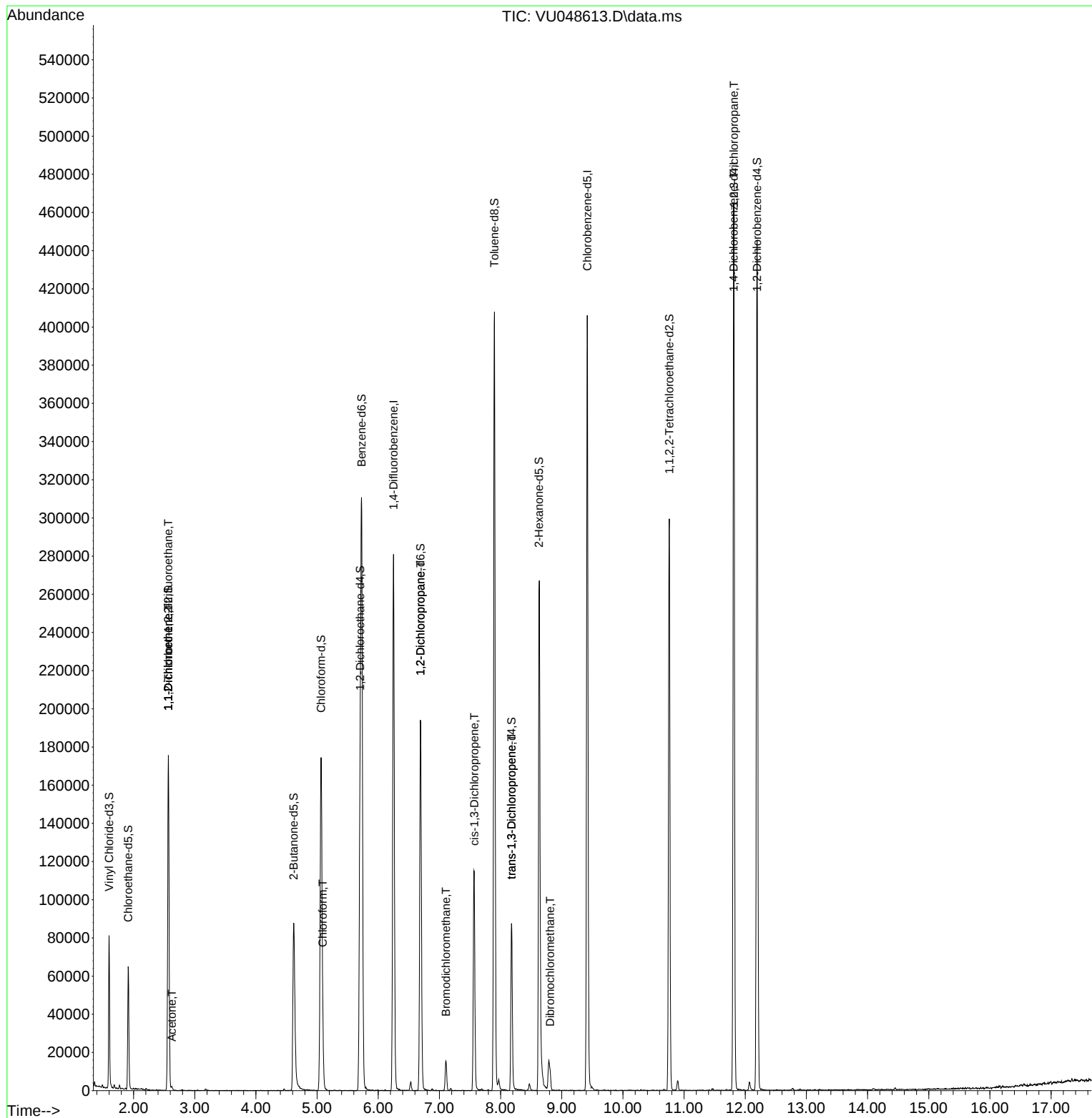
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250   | 114   | 226314   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417   | 117   | 225376   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 126419   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 54486    | 39.307   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 78.620%  |
| 7) Chloroethane-d5            | 1.912   | 69    | 45359    | 43.678   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 87.360%  |
| 11) 1,1-Dichloroethene-d2     | 2.568   | 63    | 103099   | 32.888   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 65.780%  |
| 21) 2-Butanone-d5             | 4.616   | 46    | 119829   | 90.841   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 90.840%  |
| 24) Chloroform-d              | 5.067   | 84    | 161013   | 45.967   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 91.940%  |
| 26) 1,2-Dichloroethane-d4     | 5.703   | 65    | 116137   | 46.996   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 32) Benzene-d6                | 5.729   | 84    | 281592   | 44.894   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.780%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 83508    | 45.351   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.700%  |
| 41) Toluene-d8                | 7.899   | 98    | 271941   | 46.093   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.180%  |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79    | 48954    | 41.575   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 83.160%  |
| 47) 2-Hexanone-d5             | 8.629   | 63    | 89186    | 88.317   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 88.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 134865   | 44.262   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 123358   | 47.732   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.460%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568   | 101   | 1058     | 0.666    | ug/L # | 17       |
| 12) 1,1-Dichloroethene        | 2.568   | 96    | 821      | 0.558    | ug/L # | 1        |
| 13) Acetone                   | 2.626   | 43    | 2269     | 2.117    | ug/L   | 99       |
| 25) Chloroform                | 5.092   | 83    | 19642    | 5.788    | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.690   | 63    | 10988    | 6.674    | ug/L # | 86       |
| 38) Bromodichloromethane      | 7.105   | 83    | 10313    | 3.872    | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 7.571   | 75    | 3055     | 1.087    | ug/L   | 88       |
| 44) trans-1,3-Dichloropropene | 8.179   | 75    | 2080     | 0.702    | ug/L   | 87       |
| 49) Dibromochloromethane      | 8.812   | 129   | 4839     | 2.135    | ug/L   | 92       |
| 60) 1,2,3-Trichloropropane    | 11.816  | 75    | 11229    | 4.479    | ug/L # | 57       |
| -----                         |         |       |          |          |        |          |

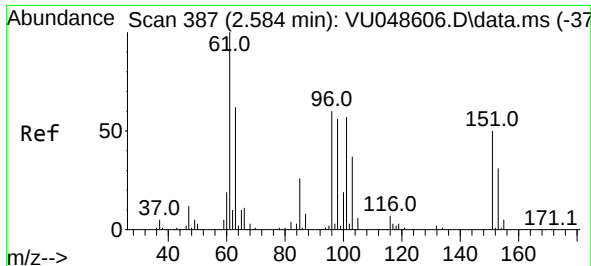
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N2849-11  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXXX4

Quant Time: May 19 06:04:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051622WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu May 19 06:01:59 2022  
Response via : Initial Calibration

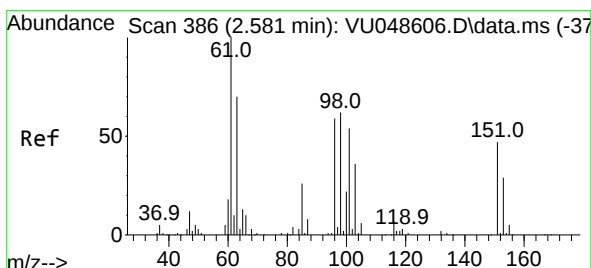
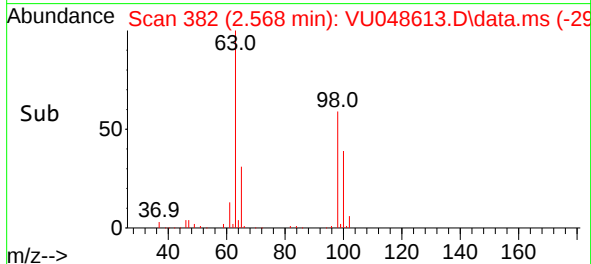
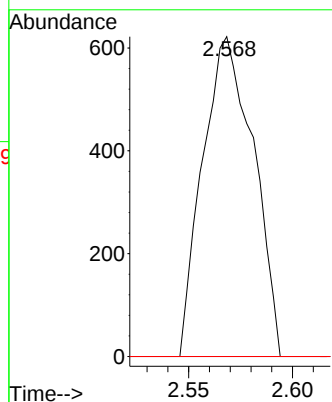
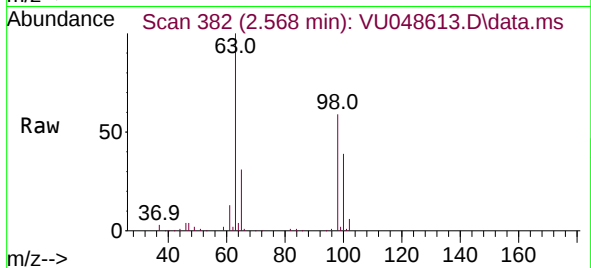




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.666 ug/L  
 RT: 2.568 min Scan# 382  
 Delta R.T. -0.016 min  
 Lab File: VU048613.D  
 Acq: 18 May 2022 14:58

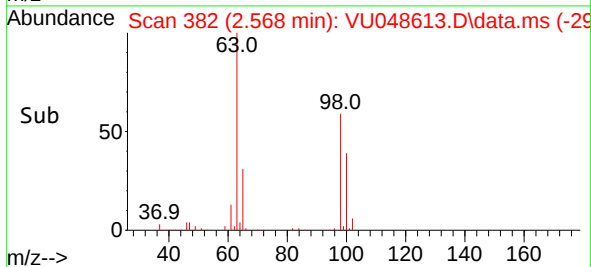
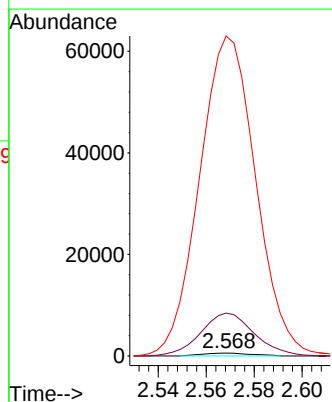
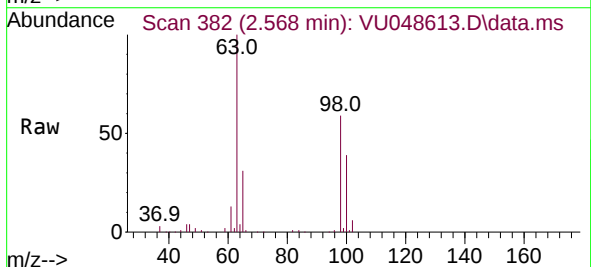
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXXX4

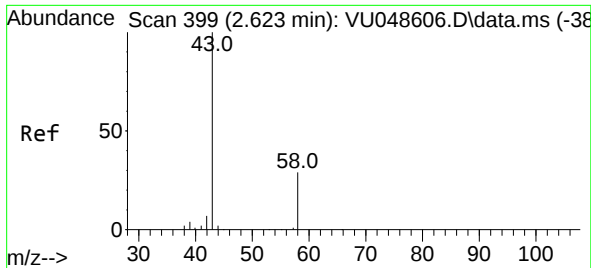
Tgt Ion:101 Resp: 1058  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 35.7 53.5#  
 151 0.0 64.4 96.6#



#12  
 1,1-Dichloroethene  
 Concen: 0.558 ug/L  
 RT: 2.568 min Scan# 382  
 Delta R.T. -0.013 min  
 Lab File: VU048613.D  
 Acq: 18 May 2022 14:58

Tgt Ion: 96 Resp: 821  
 Ion Ratio Lower Upper  
 96 100  
 61 1486.8 120.6 224.0#  
 63 11076.3 82.3 152.9#





#13

Acetone

Concen: 2.117 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048613.D

Acq: 18 May 2022 14:58

Instrument :

MSVOA\_U

ClientSampleId :

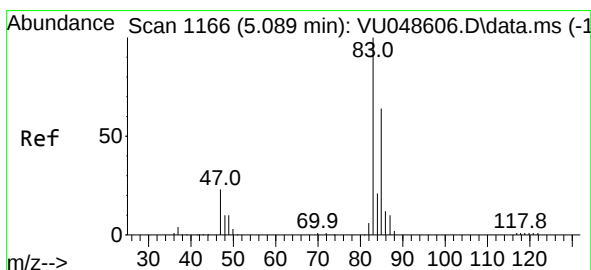
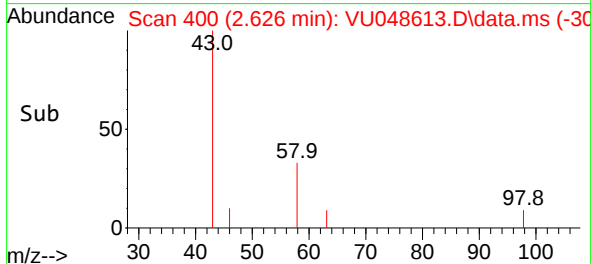
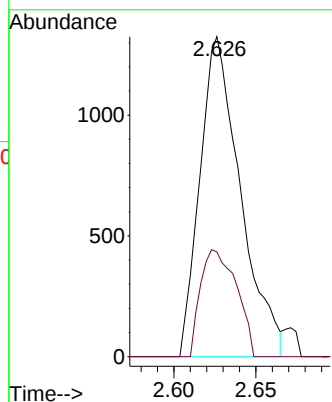
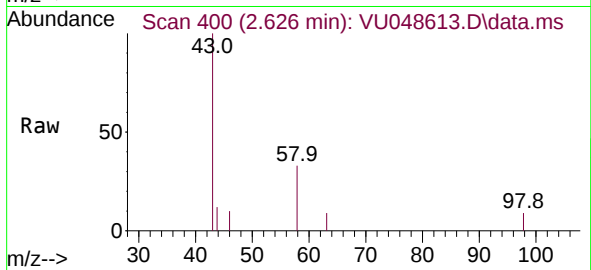
EXXX4

Tgt Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.8



#25

Chloroform

Concen: 5.788 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU048613.D

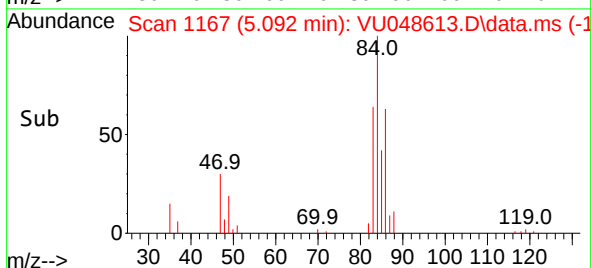
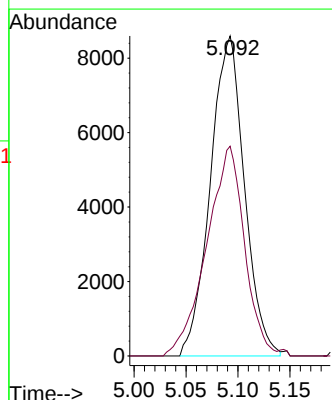
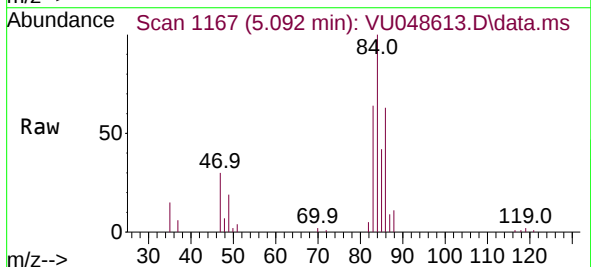
Acq: 18 May 2022 14:58

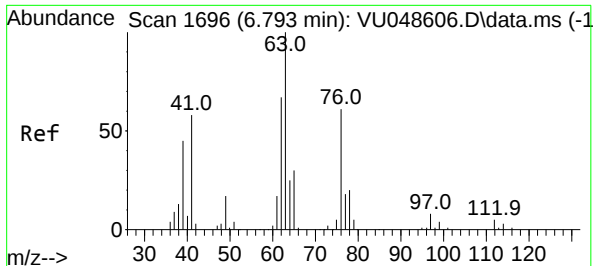
Tgt Ion: 83 Resp: 19642

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7





#37

1,2-Dichloropropane

Concen: 6.674 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048613.D

Acq: 18 May 2022 14:58

Instrument :

MSVOA\_U

ClientSampleId :

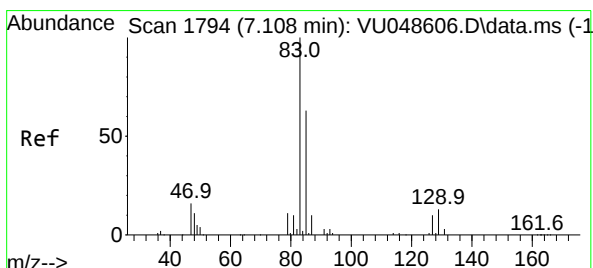
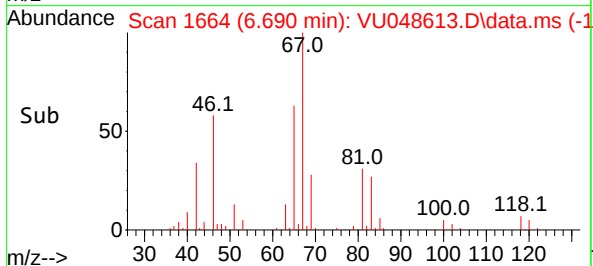
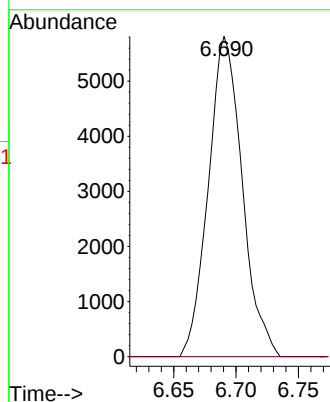
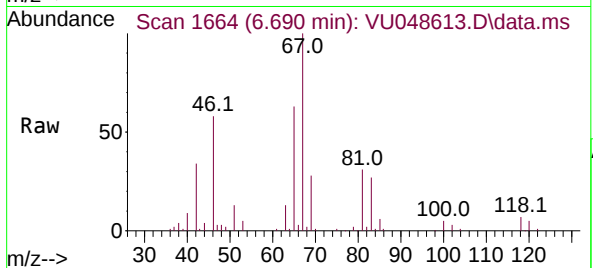
EXXX4

Tgt Ion: 63 Resp: 10988

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#38

Bromodichloromethane

Concen: 3.872 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048613.D

Acq: 18 May 2022 14:58

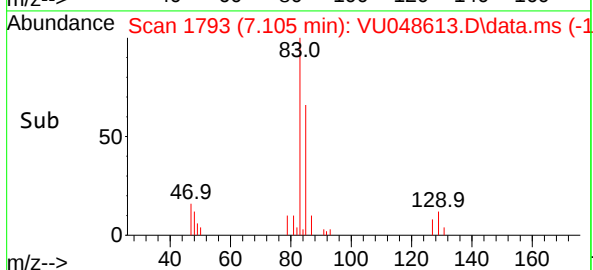
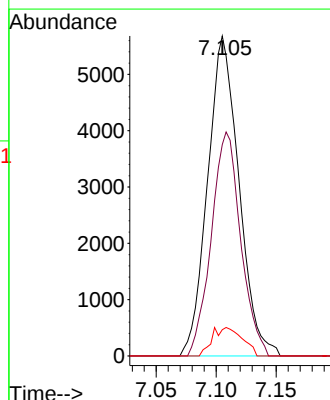
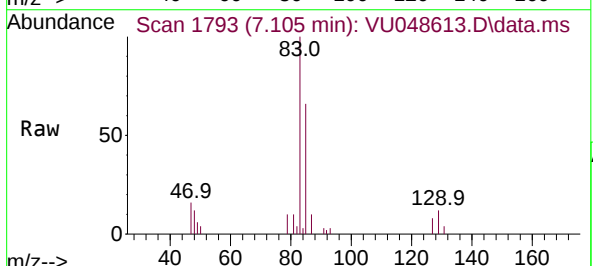
Tgt Ion: 83 Resp: 10313

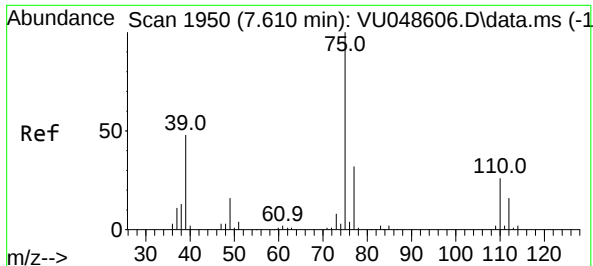
Ion Ratio Lower Upper

83 100

85 66.0 46.1 85.5

127 8.2 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 1.087 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU048613.D

Acq: 18 May 2022 14:58

Instrument :

MSVOA\_U

ClientSampleId :

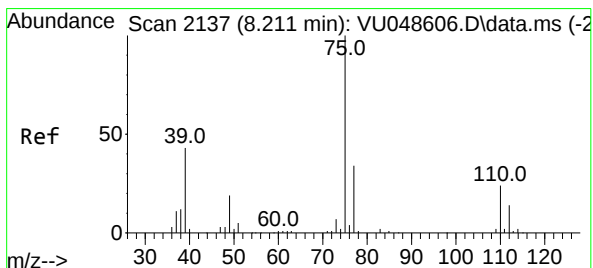
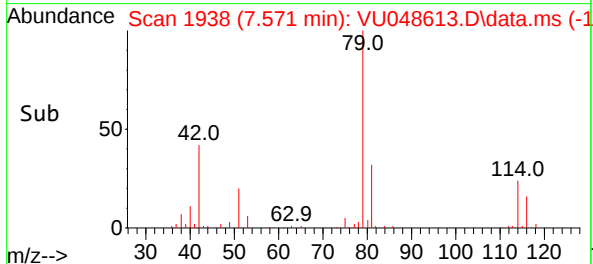
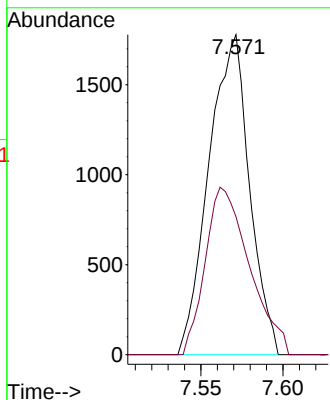
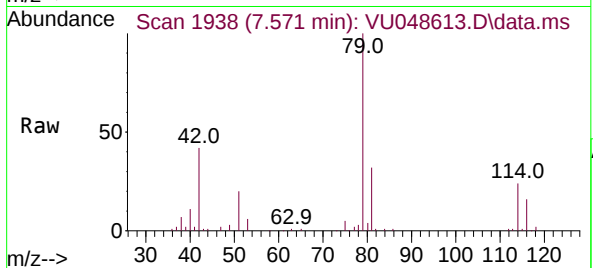
EXXX4

Tgt Ion: 75 Resp: 3055

Ion Ratio Lower Upper

75 100

77 39.6 22.9 42.5



#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048613.D

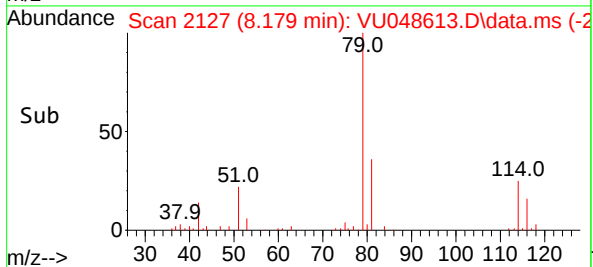
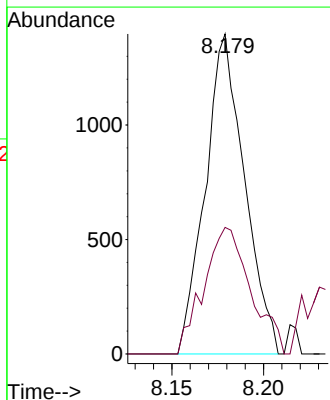
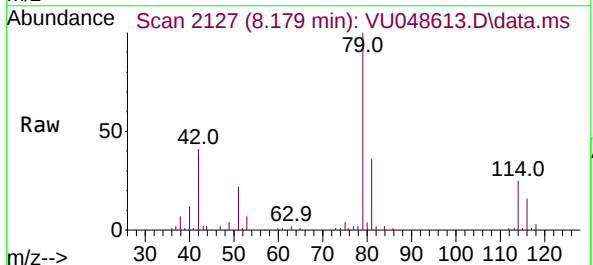
Acq: 18 May 2022 14:58

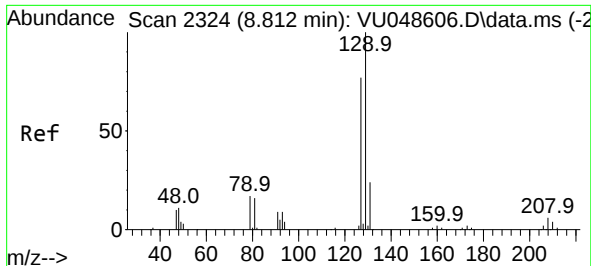
Tgt Ion: 75 Resp: 2080

Ion Ratio Lower Upper

75 100

77 39.6 22.7 42.1

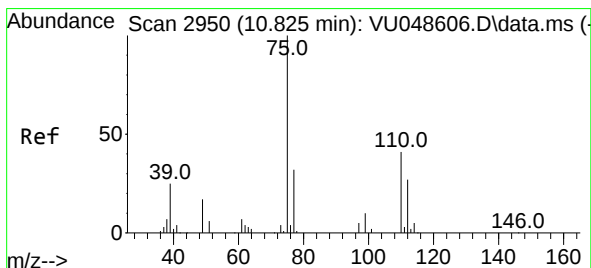
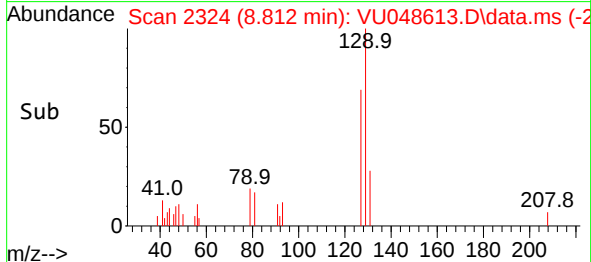
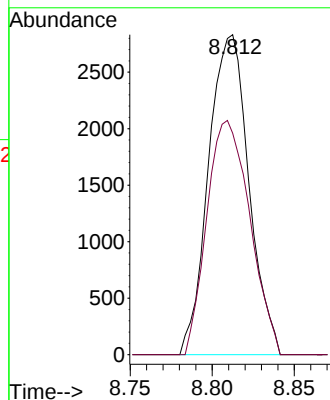
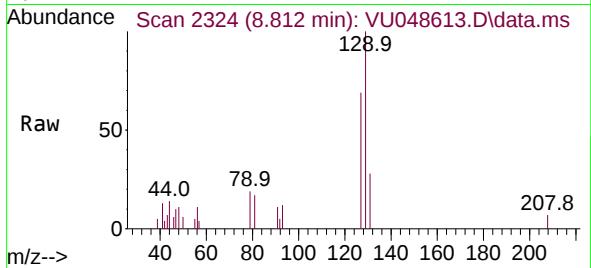




#49  
Dibromochloromethane  
Concen: 2.135 ug/L  
RT: 8.812 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048613.D  
Acq: 18 May 2022 14:58

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXXX4

Tgt Ion:129 Resp: 4839  
Ion Ratio Lower Upper  
129 100  
127 69.2 53.1 98.5



#60  
1,2,3-Trichloropropane  
Concen: 4.479 ug/L  
RT: 11.816 min Scan# 3258  
Delta R.T. 0.990 min  
Lab File: VU048613.D  
Acq: 18 May 2022 14:58

Tgt Ion: 75 Resp: 11229  
Ion Ratio Lower Upper  
75 100  
77 42.4 25.4 38.0#  
110 2.1 32.1 48.1#

