

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111324\  
 Data File : VU061627.D  
 Acq On : 13 Nov 2024 16:27  
 Operator : MD/SY  
 Sample : P4747-04  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 14 01:31:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 14 00:27:20 2024  
 Response via : Initial Calibration

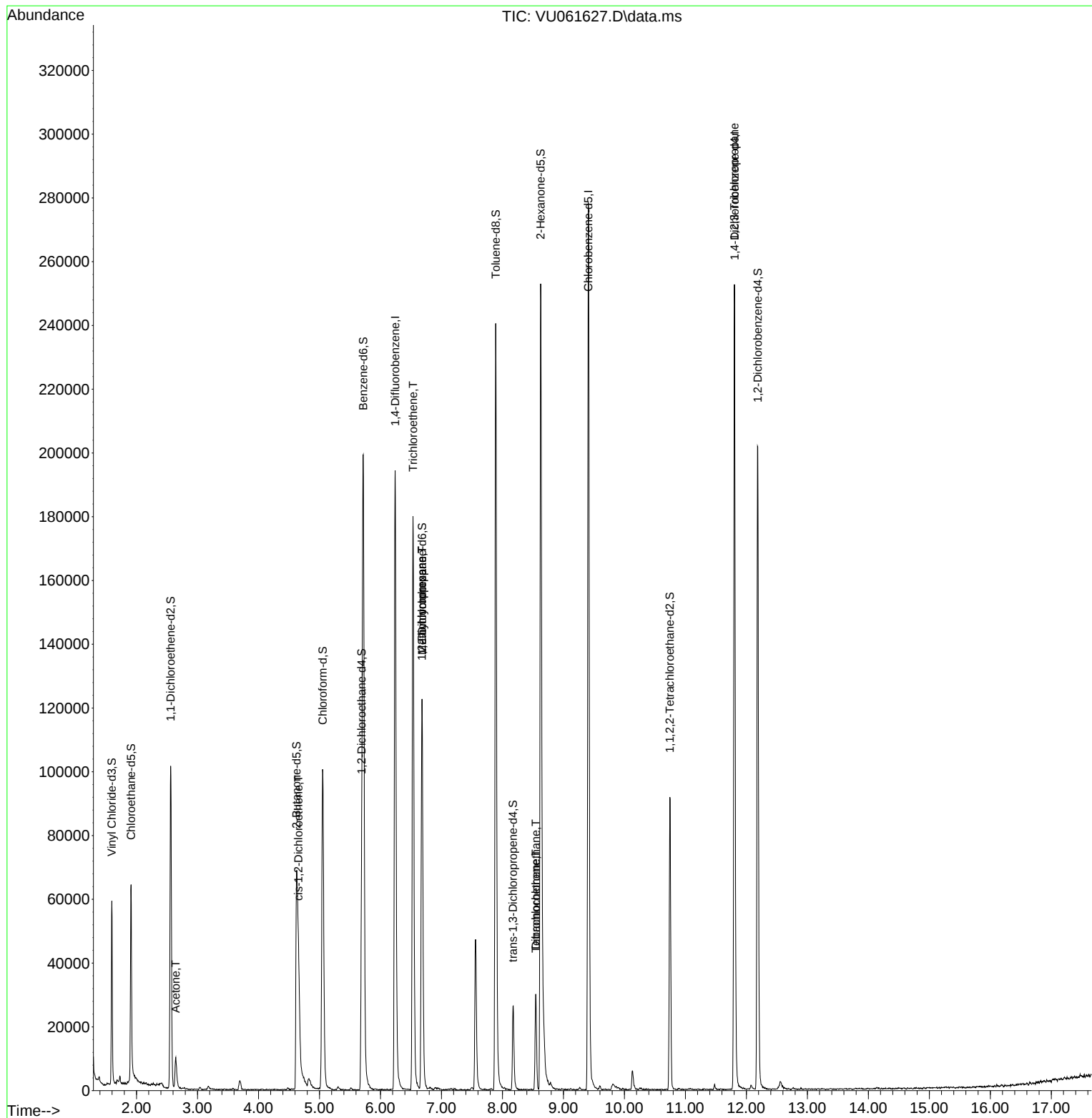
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 171728   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 164338   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 68994    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 39479    | 3.558    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.200%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 43864    | 4.631    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 19403    | 3.898    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.000%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 110675   | 46.995   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.980%  |
| 24) Chloroform-d              | 5.052  | 84    | 96453    | 4.373    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 49294    | 4.657    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.717  | 84    | 195462   | 4.299    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 61366    | 4.576    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.600%  |
| 41) Toluene-d8                | 7.891  | 98    | 172828   | 4.078    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.600%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 16851    | 3.412    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 68.200%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 90978    | 46.614   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 47302    | 4.475    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 56536    | 4.601    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.644  | 43    | 12756    | 8.597    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 11833    | 0.923    | ug/L   | 95       |
| 34) Trichloroethene           | 6.534  | 95    | 63204    | 4.706    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.682  | 83    | 13983    | 0.690    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.679  | 63    | 6758     | 0.536    | ug/L # | 89       |
| 47) Tetrachloroethene         | 8.550  | 164   | 6763     | 0.670    | ug/L   | 91       |
| 49) Dibromochloromethane      | 8.547  | 129   | 6657     | 0.690    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.804 | 75    | 8202     | 1.262    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

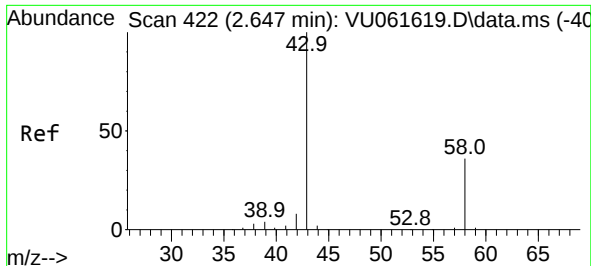
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 14 00:27:20 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 8.597 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061627.D

Acq: 13 Nov 2024 16:27

Instrument :

MSVOA\_U

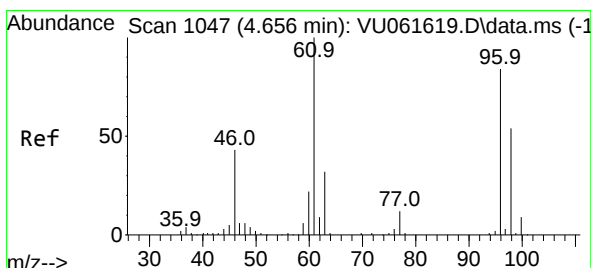
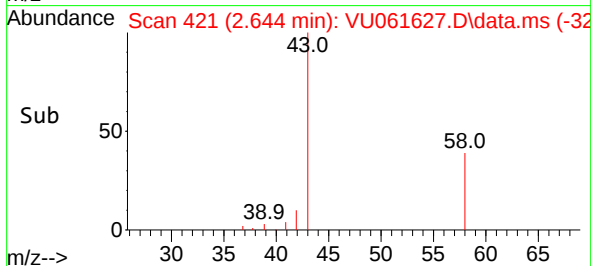
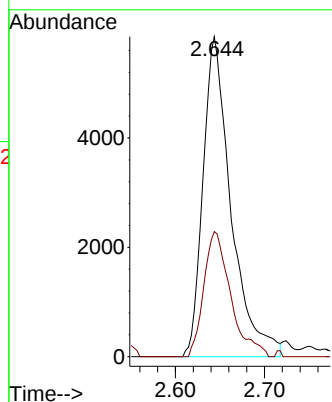
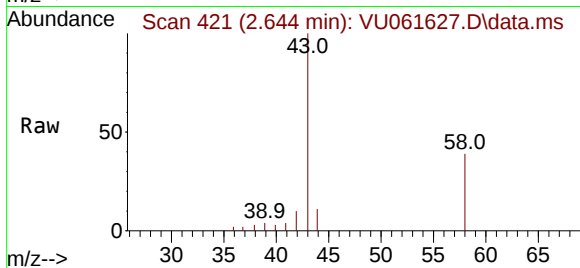
ClientSampleId :

Tgt Ion: 43 Resp: 12756

Ion Ratio Lower Upper

43 100

58 37.5 0.0 69.8



#22

cis-1,2-Dichloroethene

Concen: 0.923 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU061627.D

Acq: 13 Nov 2024 16:27

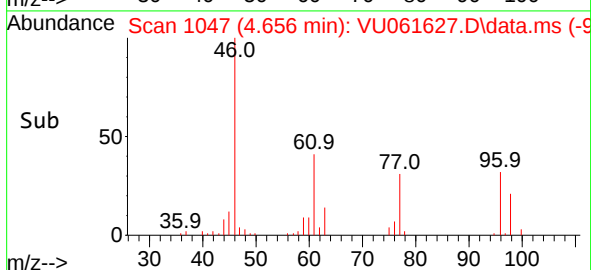
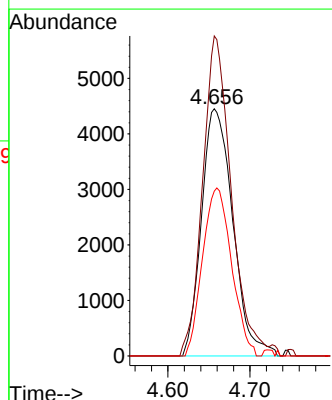
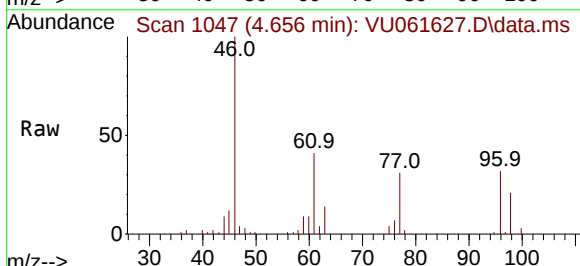
Tgt Ion: 96 Resp: 11833

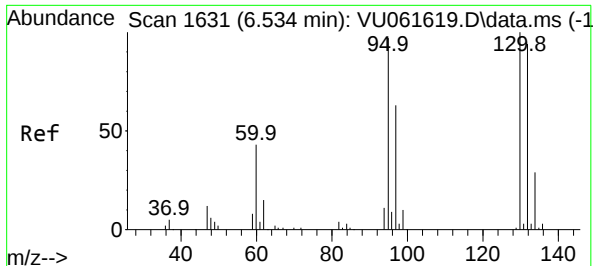
Ion Ratio Lower Upper

96 100

61 129.5 85.6 159.0

98 66.7 45.6 84.8



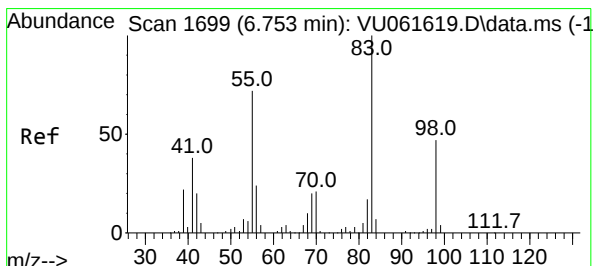
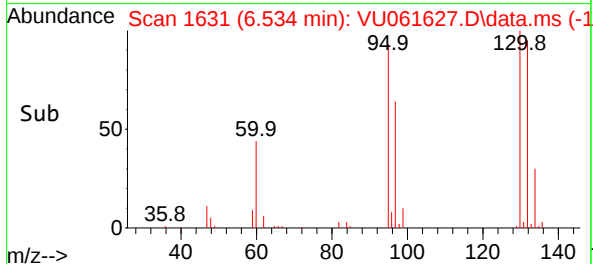
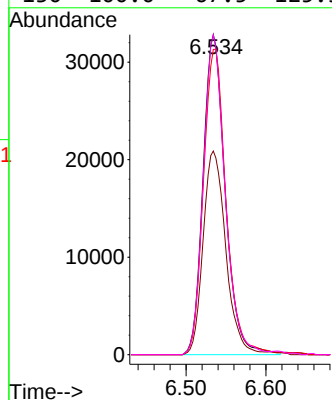
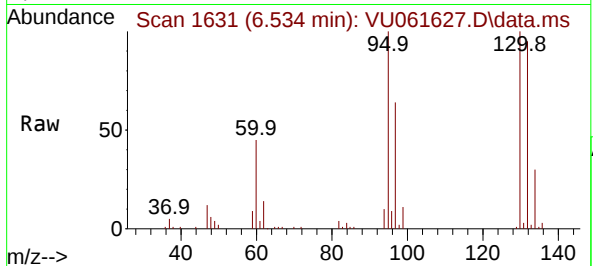


#34  
Trichloroethene  
Concen: 4.706 ug/L  
RT: 6.534 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VU061627.D  
Acq: 13 Nov 2024 16:27

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 95 Resp: 63204

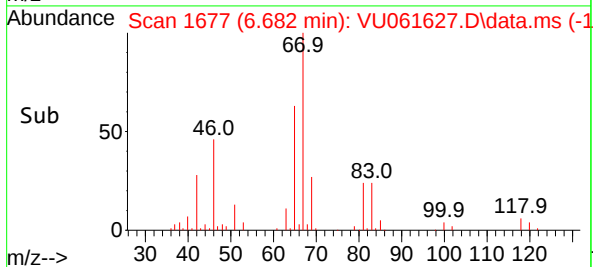
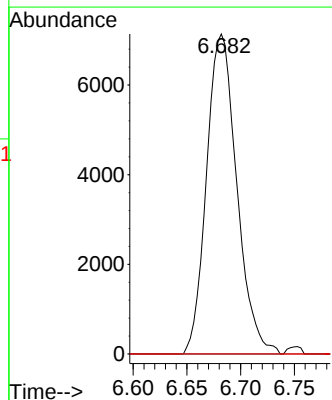
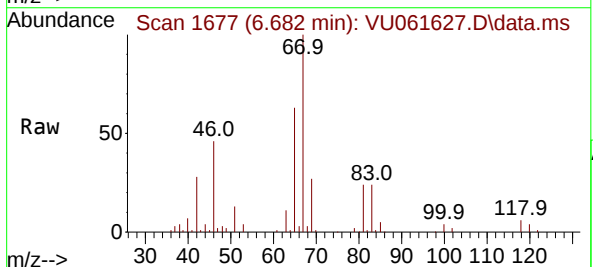
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.6  | 43.5  | 80.9  |
| 132 | 95.4  | 65.2  | 121.0 |
| 130 | 100.0 | 67.5  | 125.3 |

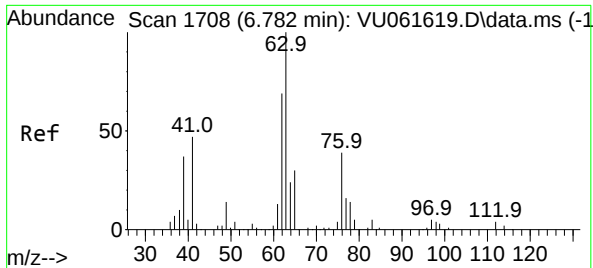


#35  
Methylcyclohexane  
Concen: 0.690 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU061627.D  
Acq: 13 Nov 2024 16:27

Tgt Ion: 83 Resp: 13983

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.0   | 56.4  | 84.6# |
| 98  | 1.2   | 37.7  | 56.5# |





#37

1,2-Dichloropropane

Concen: 0.536 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU061627.D

Acq: 13 Nov 2024 16:27

Instrument :

MSVOA\_U

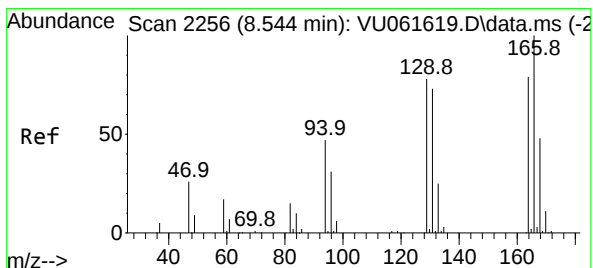
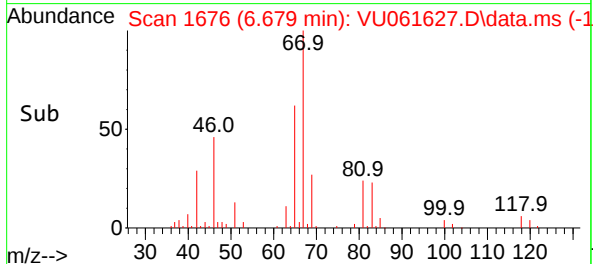
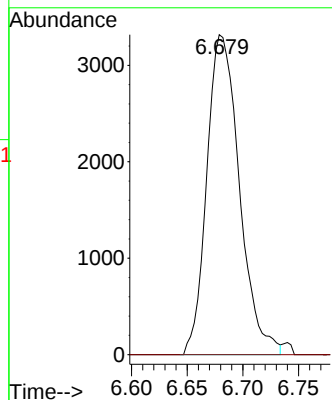
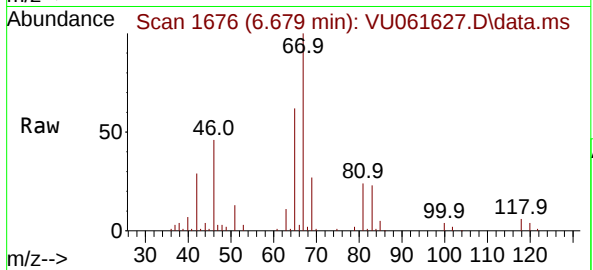
ClientSampleId :

Tgt Ion: 63 Resp: 6758

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 0.670 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.006 min

Lab File: VU061627.D

Acq: 13 Nov 2024 16:27

Tgt Ion: 164 Resp: 6763

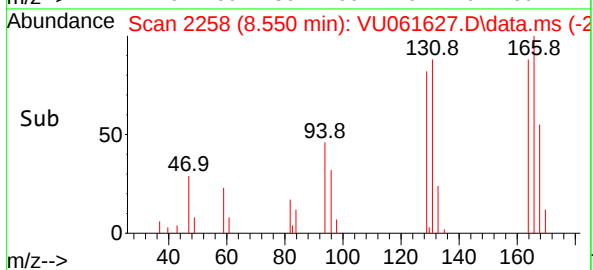
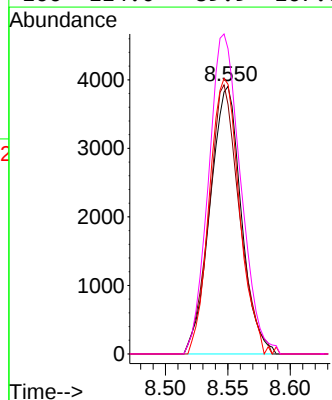
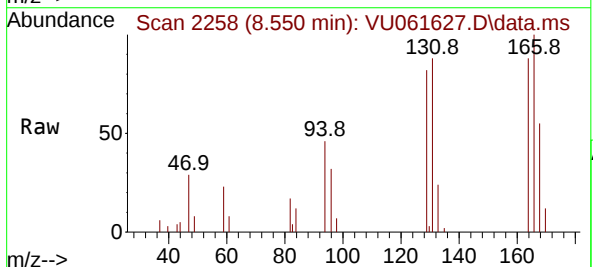
Ion Ratio Lower Upper

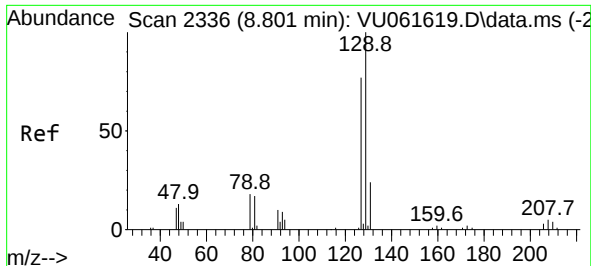
164 100

129 93.2 71.7 133.3

131 100.7 68.2 126.6

166 114.0 89.9 167.0

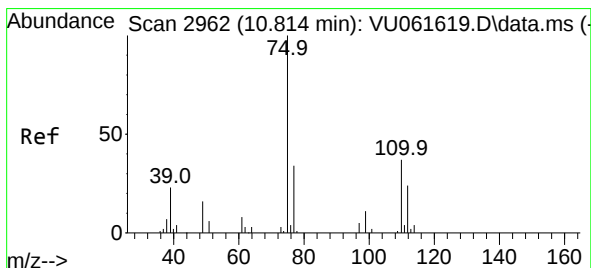
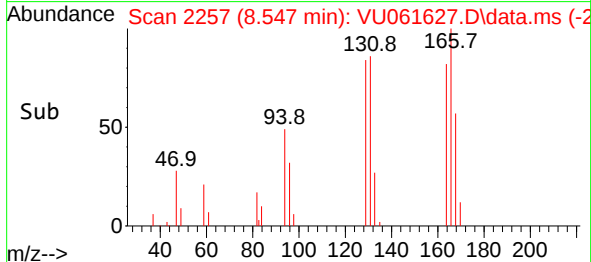
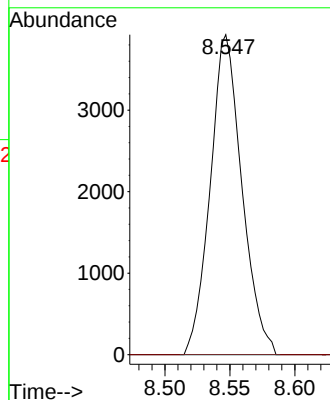
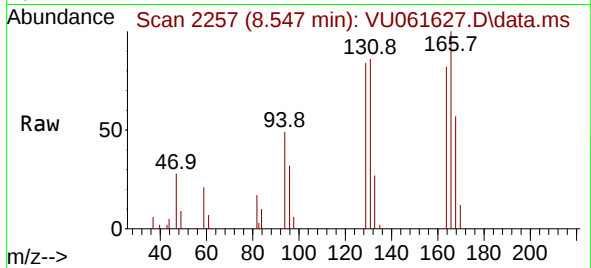




#49  
Dibromochloromethane  
Concen: 0.690 ug/L  
RT: 8.547 min Scan# 21  
Delta R.T. -0.254 min  
Lab File: VU061627.D  
Acq: 13 Nov 2024 16:27

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:129 Resp: 6657  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.1 102.3#



#61  
1,2,3-Trichloropropane  
Concen: 1.262 ug/L  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.990 min  
Lab File: VU061627.D  
Acq: 13 Nov 2024 16:27

Tgt Ion: 75 Resp: 8202  
Ion Ratio Lower Upper  
75 100  
110 2.6 31.3 46.9#  
77 35.4 26.0 39.0

