

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101923\  
 Data File : VV032494.D  
 Acq On : 19 Oct 2023 14:04  
 Operator : SY/MD  
 Sample : 04918-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 20 06:22:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 20 06:17:42 2023  
 Response via : Initial Calibration

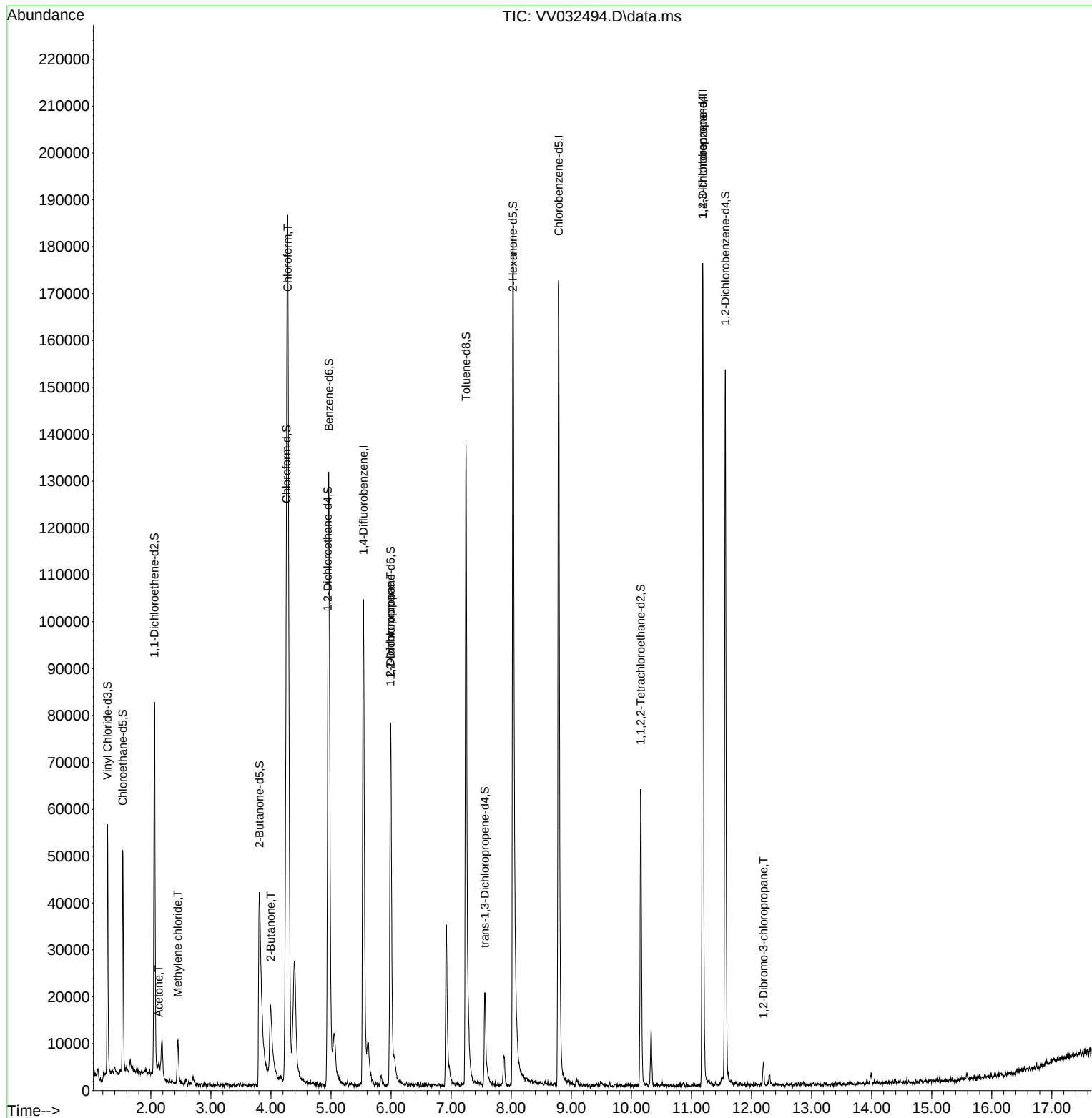
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 87776    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 99607    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 42860    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 33714    | 4.723    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.400%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 30436    | 5.252    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 105.000% |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    | 13449    | 4.467    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.400%  |
| 20) 2-Butanone-d5             | 3.809  | 46    | 85160    | 47.158   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 94.320%  |
| 24) Chloroform-d              | 4.256  | 84    | 65368    | 5.191    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.800% |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 30826    | 5.168    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.400% |
| 32) Benzene-d6                | 4.963  | 84    | 115480   | 3.940    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 38127    | 3.926    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 78.600%  |
| 41) Toluene-d8                | 7.246  | 98    | 100174   | 3.738    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.800%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 13337    | 3.876    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.600%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 68184    | 42.114   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 30833    | 4.539    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 36946    | 4.645    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.133  | 43    | 3009     | 2.162    | ug/L   | 91       |
| 16) Methylene chloride        | 2.449  | 84    | 3789     | 0.451    | ug/L   | 96       |
| 21) 2-Butanone                | 3.995  | 43    | 29510    | 13.558   | ug/L # | 53       |
| 25) Chloroform                | 4.278  | 83    | 172373   | 12.666   | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 5.989  | 63    | 4960     | 0.529    | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75    | 5973     | 1.309    | ug/L # | 63       |
| 68) 1,2-Dibromo-3-chloropr... | 12.197 | 75    | 289      | 0.310    | ug/L # | 1        |
| -----                         |        |       |          |          |        |          |

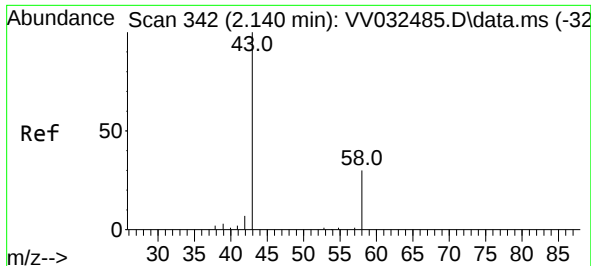
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.162 ug/L

RT: 2.133 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV032494.D

Acq: 19 Oct 2023 14:04

Instrument :

MSVOA\_V

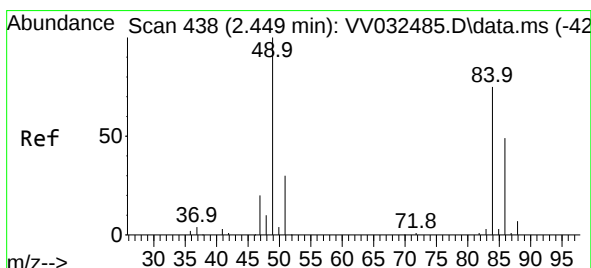
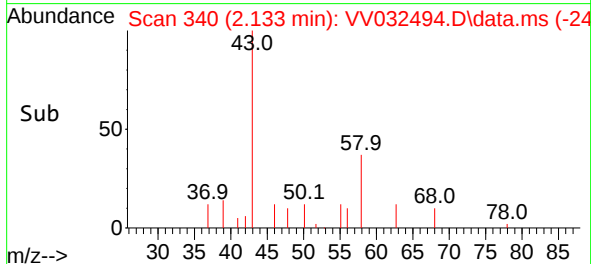
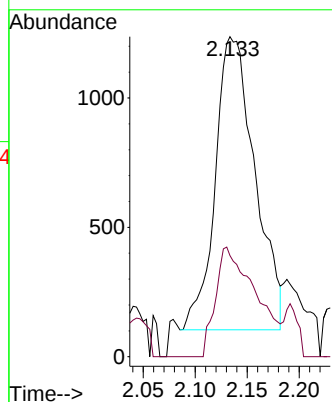
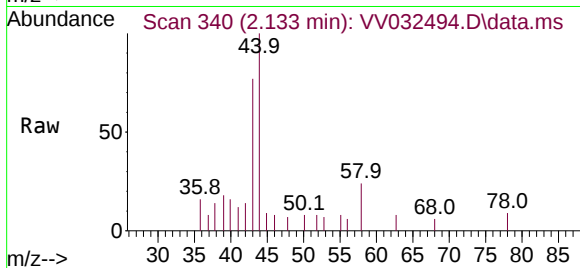
ClientSampleId :

Tgt Ion: 43 Resp: 3009

Ion Ratio Lower Upper

43 100

58 37.9 0.0 66.0



#16

Methylene chloride

Concen: 0.451 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

Lab File: VV032494.D

Acq: 19 Oct 2023 14:04

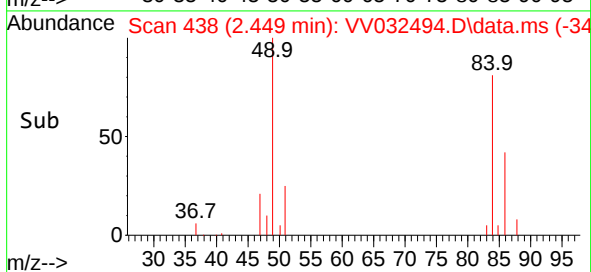
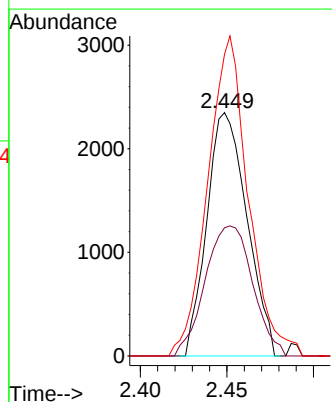
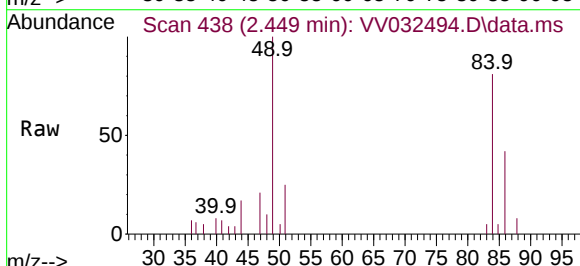
Tgt Ion: 84 Resp: 3789

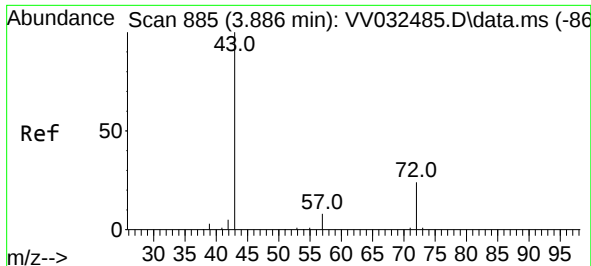
Ion Ratio Lower Upper

84 100

86 52.7 43.2 80.2

49 124.0 86.3 160.3

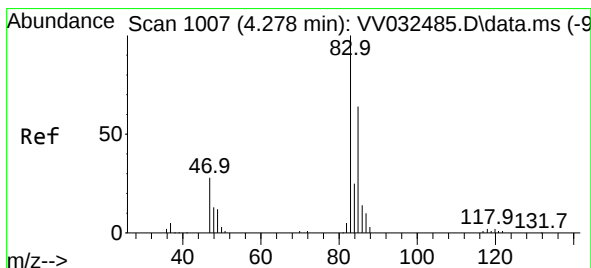
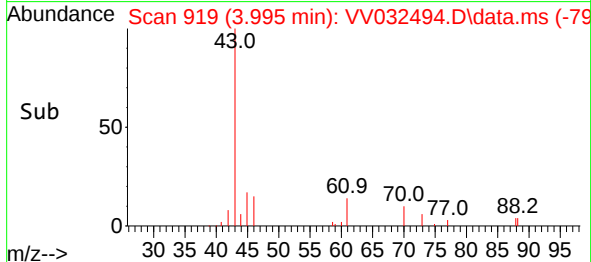
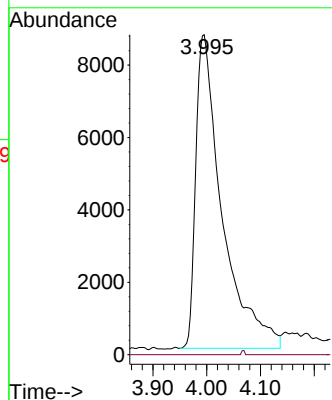
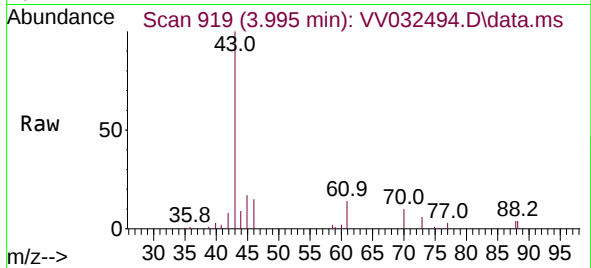




#21  
2-Butanone  
Concen: 13.558 ug/L  
RT: 3.995 min Scan# 919  
Delta R.T. 0.109 min  
Lab File: VV032494.D  
Acq: 19 Oct 2023 14:04

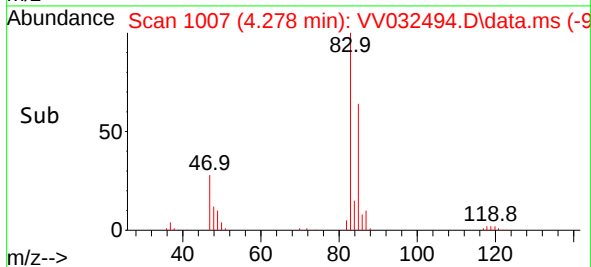
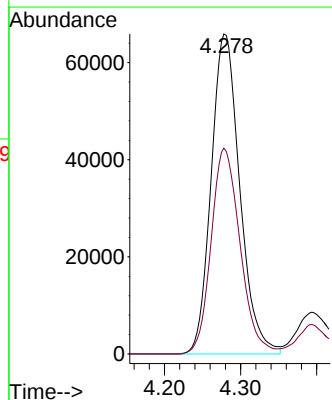
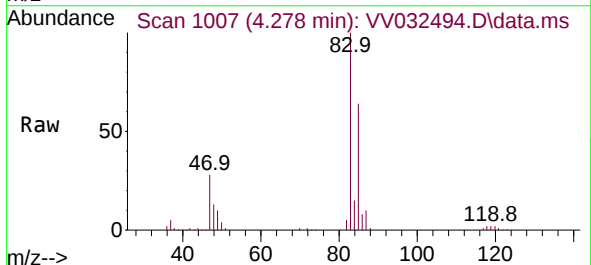
Instrument :  
MSVOA\_V  
ClientSampleId :

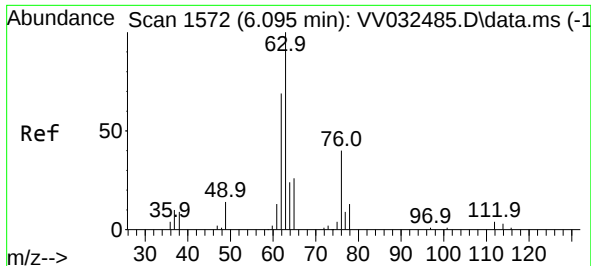
Tgt Ion: 43 Resp: 29510  
Ion Ratio Lower Upper  
43 100  
72 0.1 11.6 34.8#



#25  
Chloroform  
Concen: 12.666 ug/L  
RT: 4.278 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: VV032494.D  
Acq: 19 Oct 2023 14:04

Tgt Ion: 83 Resp: 172373  
Ion Ratio Lower Upper  
83 100  
85 64.3 45.4 84.4





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV032494.D

Acq: 19 Oct 2023 14:04

Instrument :

MSVOA\_V

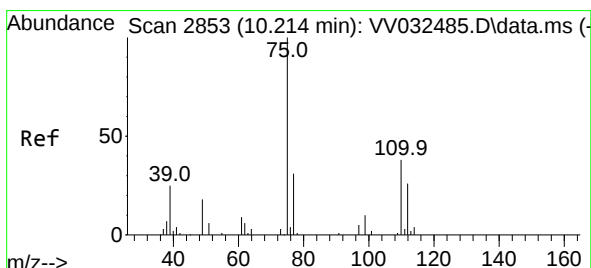
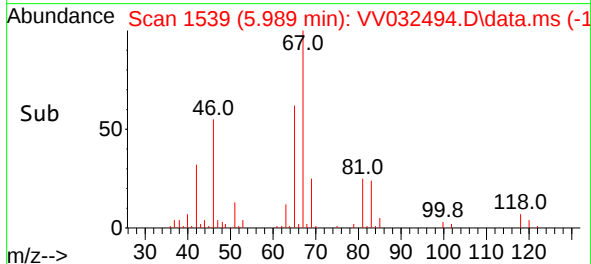
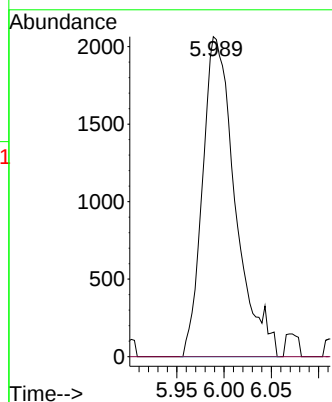
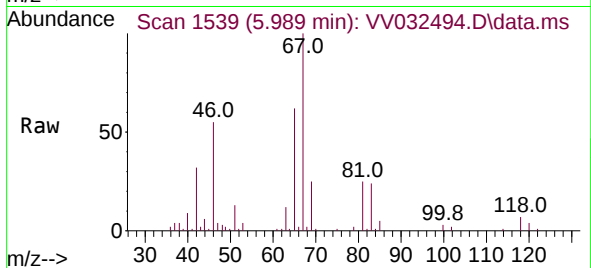
ClientSampleId :

Tgt Ion: 63 Resp: 4960

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#61

1,2,3-Trichloropropane

Concen: 1.309 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032494.D

Acq: 19 Oct 2023 14:04

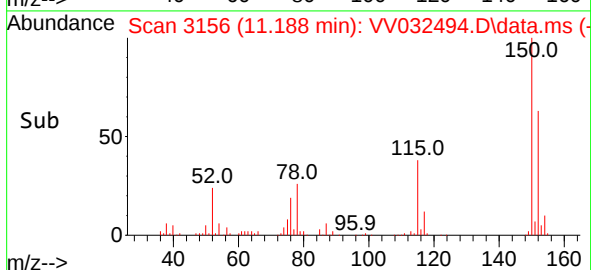
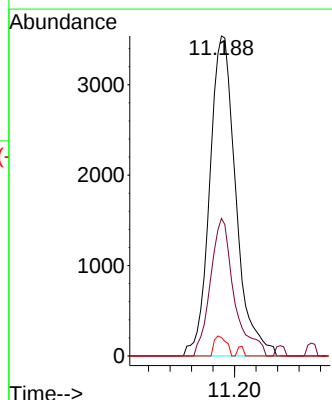
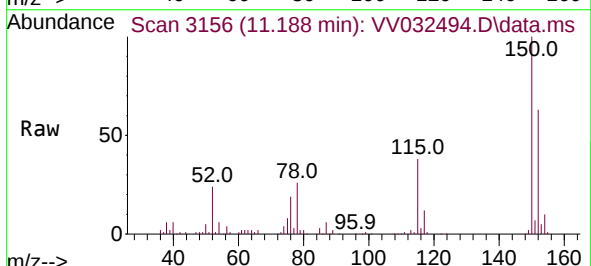
Tgt Ion: 75 Resp: 5973

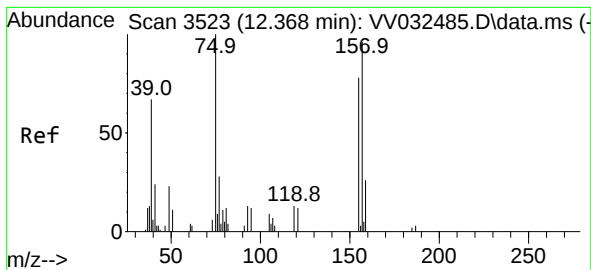
Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2

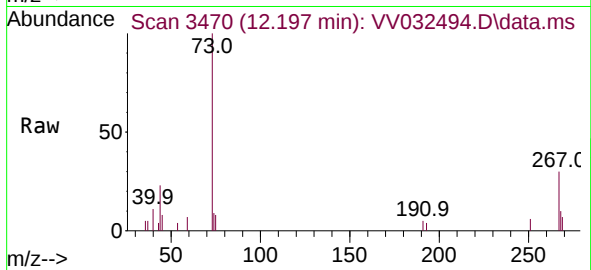
110 2.9 30.6 46.0#





#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.310 ug/L  
 RT: 12.197 min Scan# 34  
 Delta R.T. -0.170 min  
 Lab File: VV032494.D  
 Acq: 19 Oct 2023 14:04

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 289  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 70.2 105.4#  
 157 0.0 90.6 135.8#

