

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111621\  
 Data File : VW023527.D  
 Acq On : 16 Nov 2021 12:25  
 Operator : SY/MD  
 Sample : M4643-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

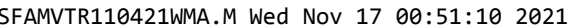
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB8J8

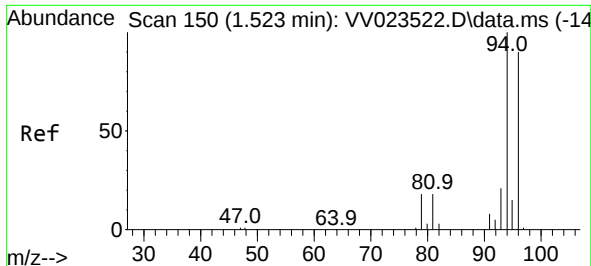
Quant Time: Nov 17 00:51:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 17 00:48:57 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 124371   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 123169   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 55889    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 34787    | 4.465    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 89.200%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 30137    | 4.746    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 50330    | 3.451    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 69.000%  |
| 20) 2-Butanone-d5             | 3.925  | 46    | 48582    | 36.193   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 72.380%  |
| 24) Chloroform-d              | 4.349  | 84    | 66010    | 3.975    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 35640    | 4.773    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.400%  |
| 32) Benzene-d6                | 5.053  | 84    | 142749   | 4.517    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 43561    | 4.682    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 123041   | 4.155    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.000%  |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 15080    | 4.275    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.400%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 50050    | 38.563   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 77.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 27259    | 4.075    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 81.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 47555    | 5.110    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 6) Bromomethane               | 1.520  | 94    | 305      | 0.046    | ug/L   | 72       |
| 12) 1,1-Dichloroethene        | 2.111  | 96    | 499      | 0.067    | ug/L # | 1        |
| 25) Chloroform                | 4.378  | 83    | 9967     | 0.607    | ug/L   | 91       |
| 27) 1,2-Dichloroethane        | 5.053  | 62    | 1066     | 0.122    | ug/L # | 72       |
| 35) Methylcyclohexane         | 6.069  | 83    | 10517    | 0.728    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.072  | 63    | 5316     | 0.661    | ug/L # | 83       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1316     | 0.114    | ug/L # | 65       |
| 42) Toluene                   | 7.404  | 91    | 2316     | 0.063    | ug/L   | 82       |
| 48) 2-Hexanone                | 8.146  | 43    | 7260     | 2.780    | ug/L # | 81       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 5794     | 1.561    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

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

Quant Time: Nov 17 00:51:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Nov 17 00:48:57 2021  
Response via : Initial Calibration

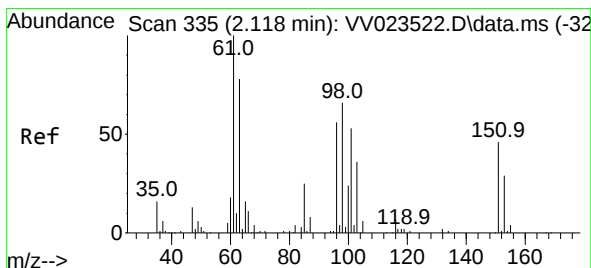
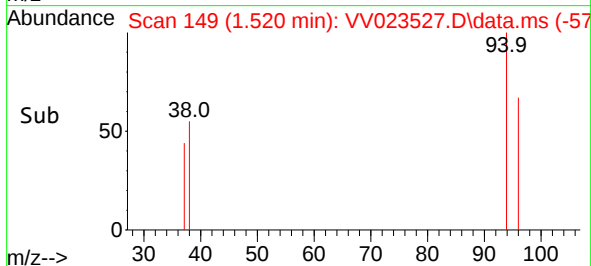
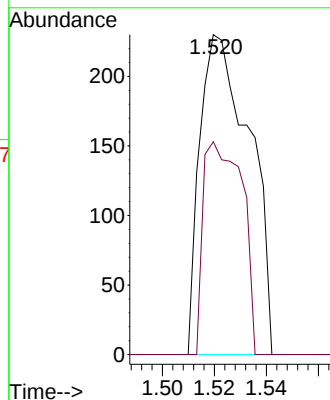
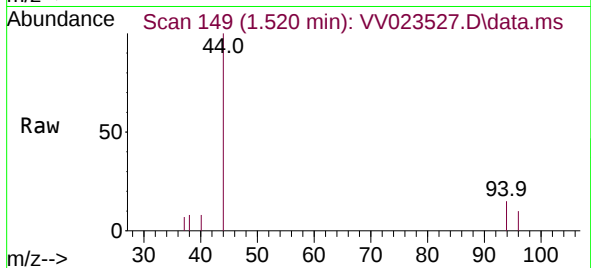




#6  
Bromomethane  
Concen: 0.046 ug/L  
RT: 1.520 min Scan# 14  
Delta R.T. -0.003 min  
Lab File: VV023527.D  
Acq: 16 Nov 2021 12:25

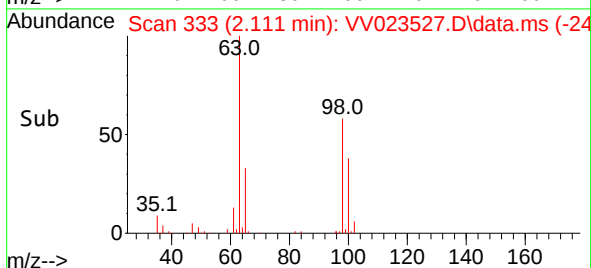
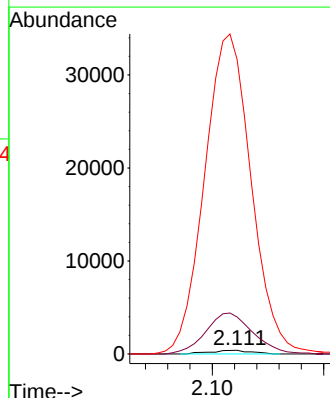
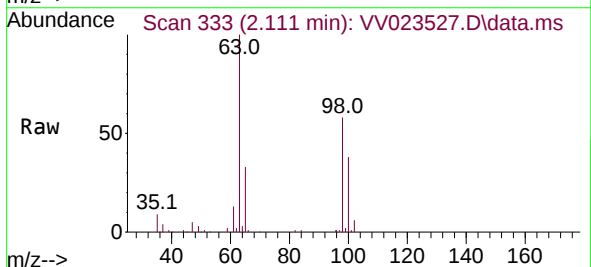
Instrument :  
MSVOA\_V  
ClientSampleId :  
GB8J8

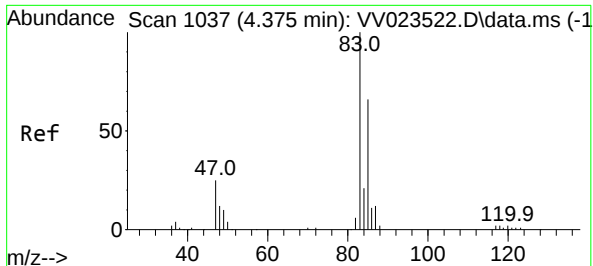
Tgt Ion: 94 Resp: 305  
Ion Ratio Lower Upper  
94 100  
96 66.5 65.0 120.8



#12  
1,1-Dichloroethene  
Concen: 0.067 ug/L  
RT: 2.111 min Scan# 333  
Delta R.T. -0.006 min  
Lab File: VV023527.D  
Acq: 16 Nov 2021 12:25

Tgt Ion: 96 Resp: 499  
Ion Ratio Lower Upper  
96 100  
61 996.2 121.5 225.7#  
63 7927.8 99.6 185.0#





#25

Chloroform

Concen: 0.607 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023527.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA\_V

ClientSampleId :

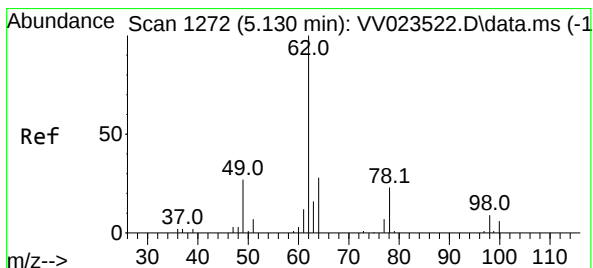
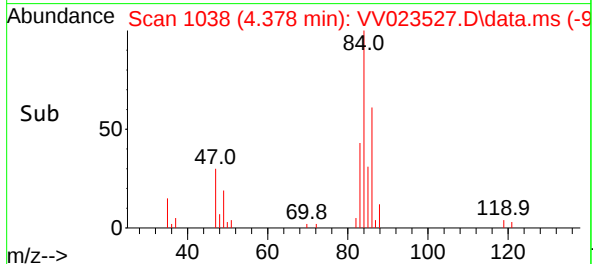
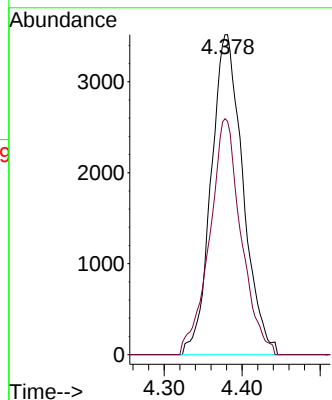
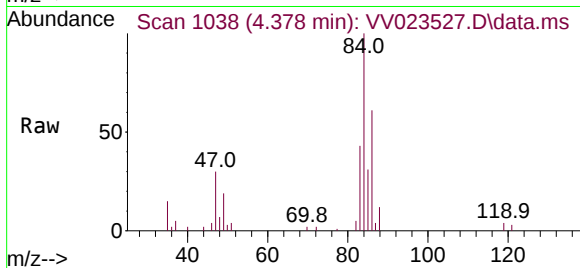
GB8J8

Tgt Ion: 83 Resp: 9967

Ion Ratio Lower Upper

83 100

85 73.7 46.8 86.8



#27

1,2-Dichloroethane

Concen: 0.122 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.077 min

Lab File: VV023527.D

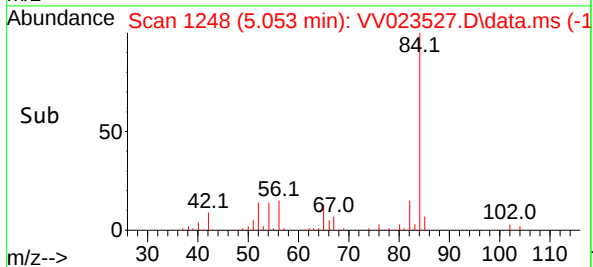
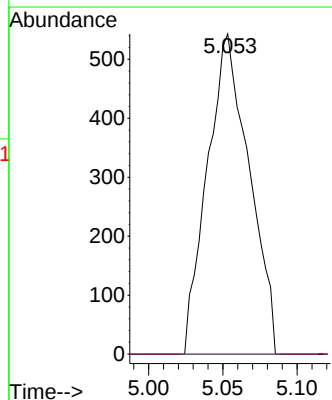
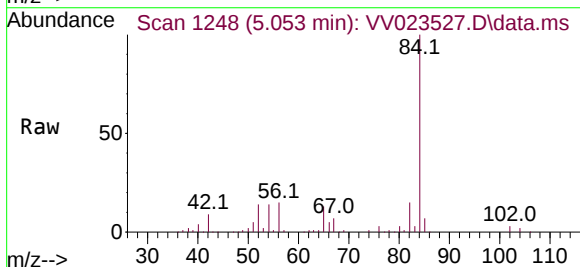
Acq: 16 Nov 2021 12:25

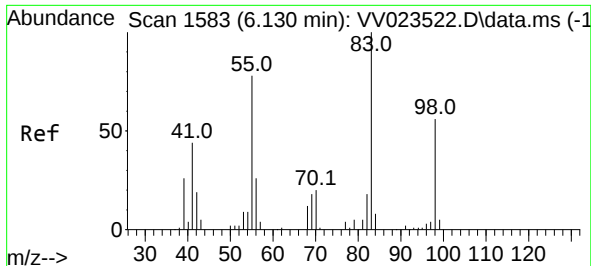
Tgt Ion: 62 Resp: 1066

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV023527.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA\_V

ClientSampleId :

GB8J8

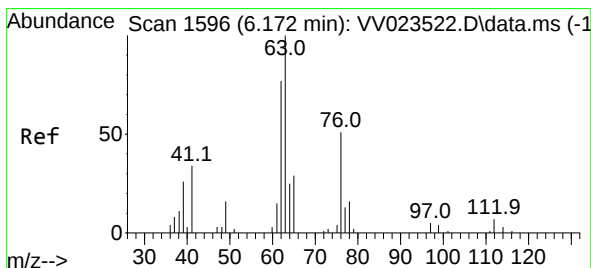
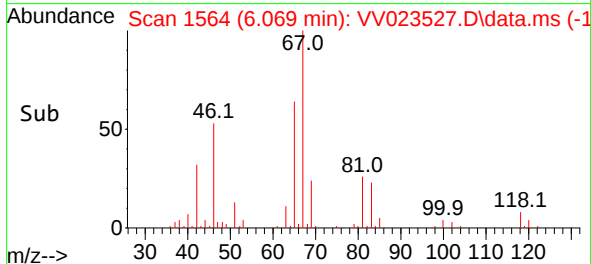
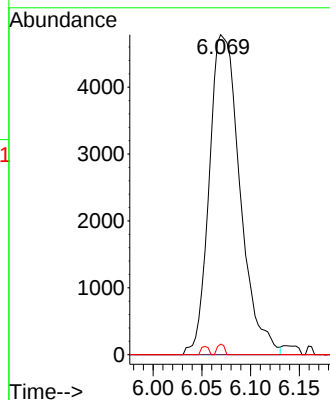
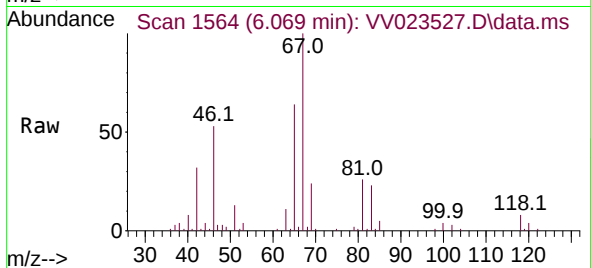
Tgt Ion: 83 Resp: 10517

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 0.8 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.661 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023527.D

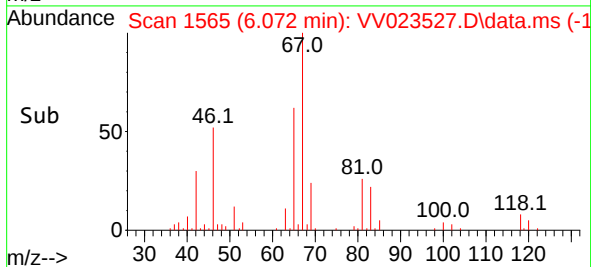
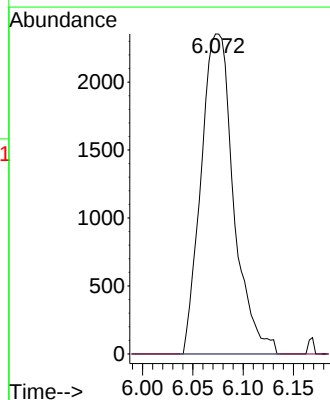
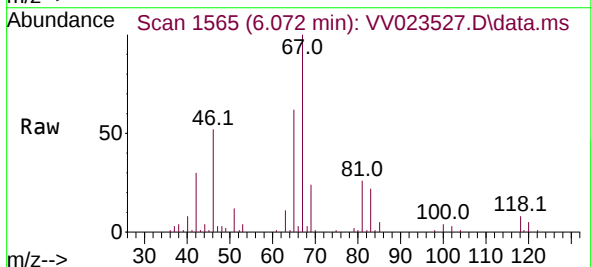
Acq: 16 Nov 2021 12:25

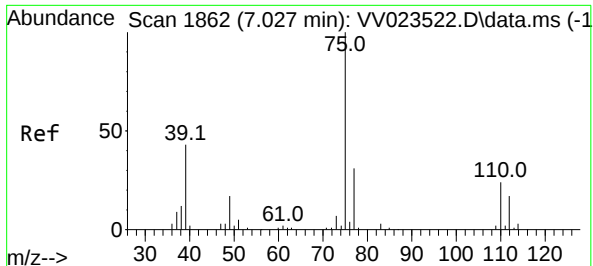
Tgt Ion: 63 Resp: 5316

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.989 min Scan# 1862

Delta R.T. -0.038 min

Lab File: VV023527.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA\_V

ClientSampleId :

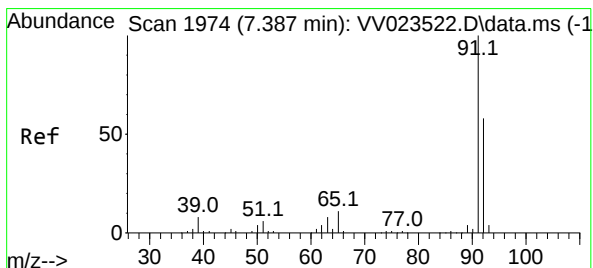
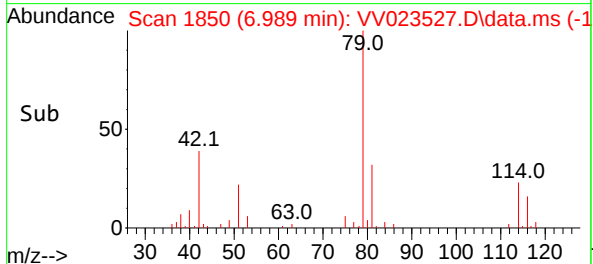
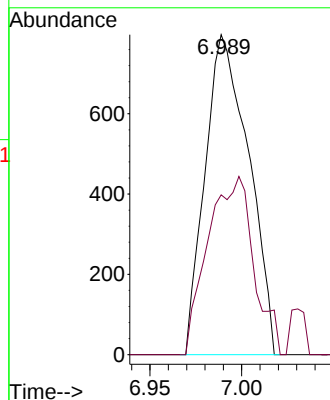
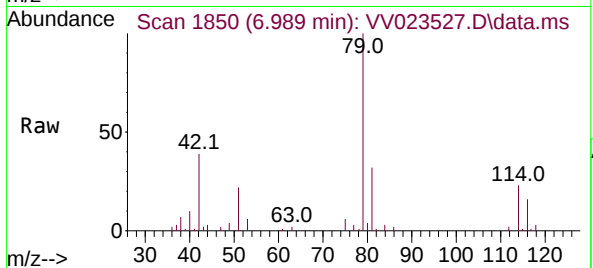
GB8J8

Tgt Ion: 75 Resp: 1316

Ion Ratio Lower Upper

75 100

77 49.9 21.6 40.2#



#42

Toluene

Concen: 0.063 ug/L

RT: 7.404 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023527.D

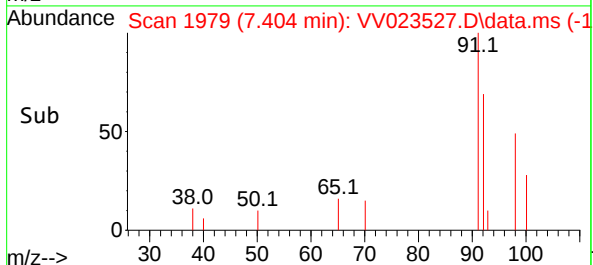
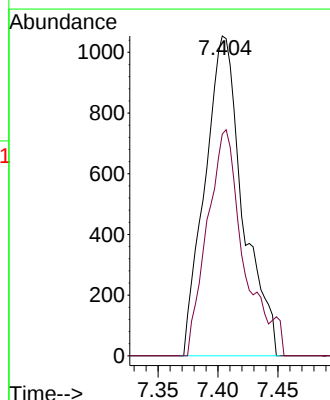
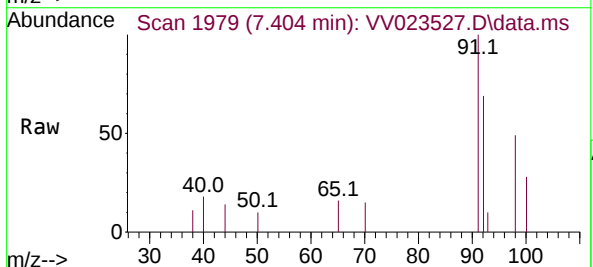
Acq: 16 Nov 2021 12:25

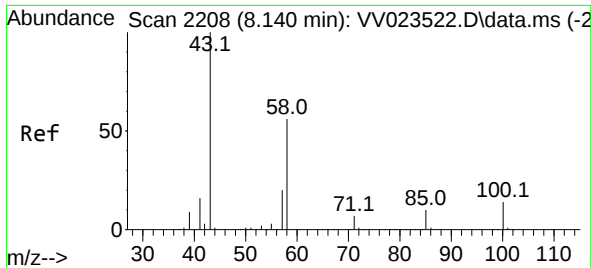
Tgt Ion: 91 Resp: 2316

Ion Ratio Lower Upper

91 100

92 69.4 39.3 72.9

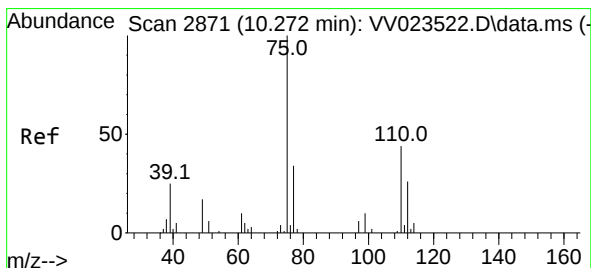
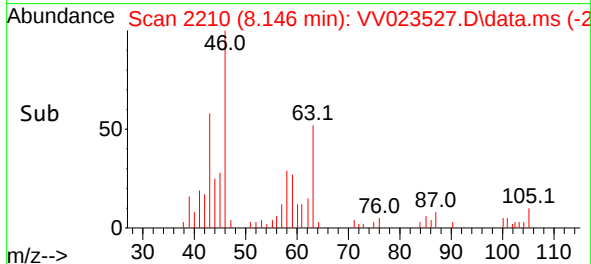
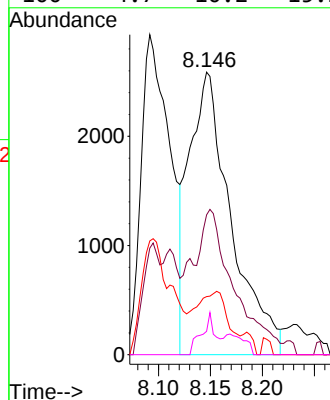
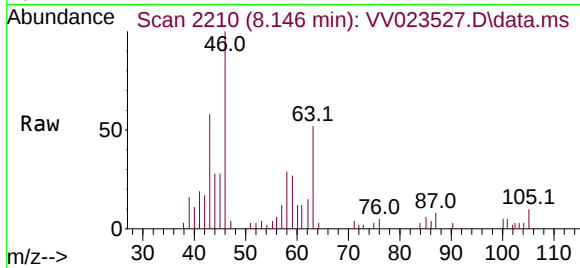




#48  
2-Hexanone  
Concen: 2.780 ug/L  
RT: 8.146 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VV023527.D  
Acq: 16 Nov 2021 12:25

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB8J8

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 7260  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 40.6     | 43.7 65.5#  |
| 57 11.2     | 14.1 21.1#  |
| 100 4.7     | 10.2 15.2#  |



#61  
1,2,3-Trichloropropane  
Concen: 1.561 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.978 min  
Lab File: VV023527.D  
Acq: 16 Nov 2021 12:25

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 5794  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 34.1     | 26.6 39.8   |
| 110 1.2     | 31.8 47.6#  |

