

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV110121\  
 Data File : VV023117.D  
 Acq On : 01 Nov 2021 15:20  
 Operator : SY/MD  
 Sample : M4400-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 02 01:16:13 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 02 01:11:36 2021  
 Response via : Initial Calibration

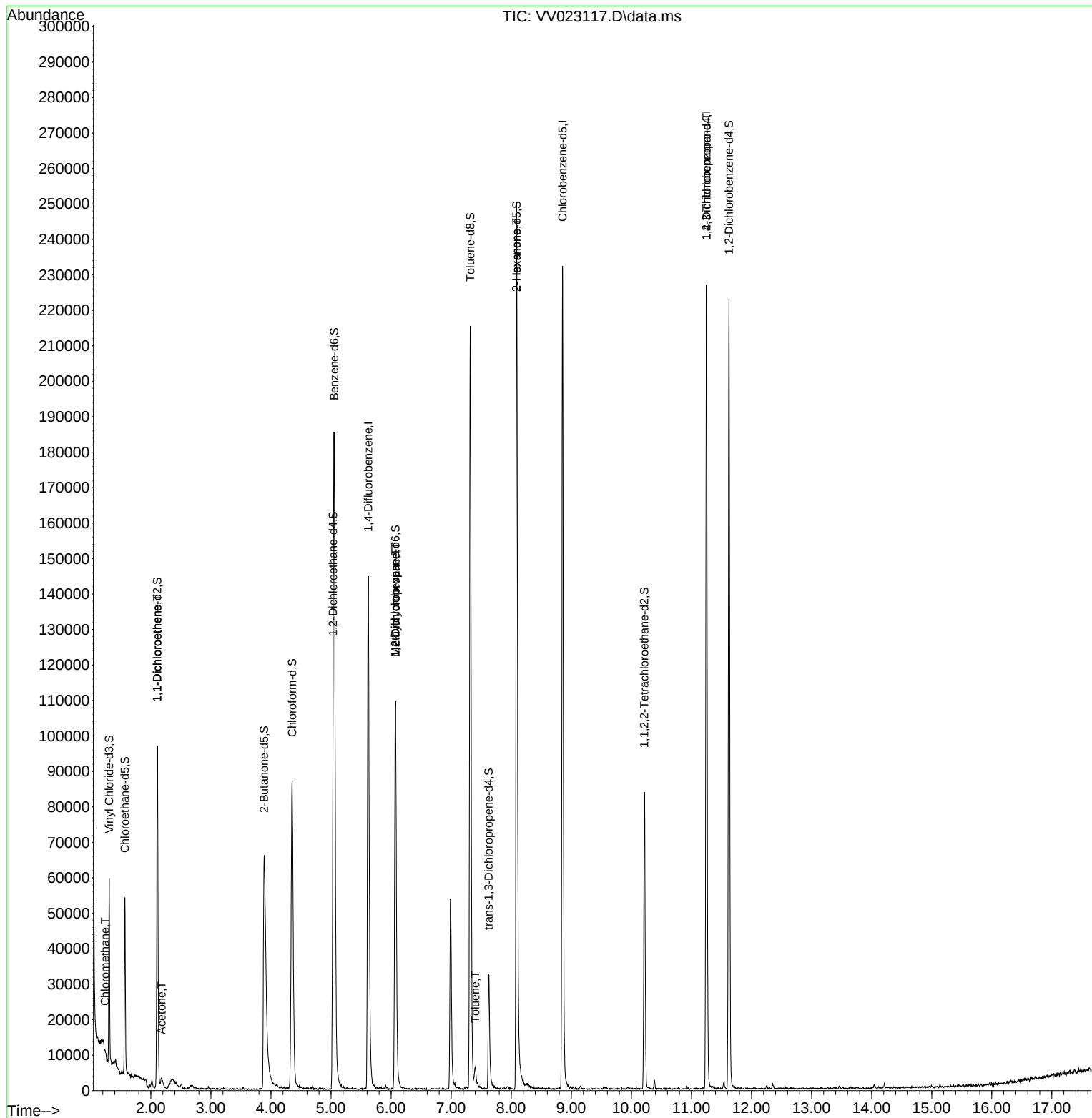
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 126823   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 127481   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 61470    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 30984    | 2.796    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 56.000%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 29897    | 4.361    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 49527    | 3.098    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 62.000%  |
| 20) 2-Butanone-d5             | 3.886  | 46    | 106669   | 60.003   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 120.000% |
| 24) Chloroform-d              | 4.352  | 84    | 90173    | 5.005    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.200% |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 43127    | 5.078    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.600% |
| 32) Benzene-d6                | 5.053  | 84    | 168259   | 4.521    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 53782    | 4.694    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 7.317  | 98    | 144514   | 4.323    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.400%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 19367    | 4.825    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 96.400%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 84003    | 56.521   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 113.040% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 39485    | 4.991    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 58255    | 5.312    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.240  | 50    | 669      | 0.077    | ug/L   | 84       |
| 12) 1,1-Dichloroethene        | 2.108  | 96    | 548      | 0.084    | ug/L # | 1        |
| 13) Acetone                   | 2.178  | 43    | 3850     | 4.414    | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.072  | 83    | 13435    | 1.089    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.072  | 63    | 6298     | 0.728    | ug/L # | 85       |
| 42) Toluene                   | 7.400  | 91    | 4504     | 0.130    | ug/L   | 89       |
| 48) 2-Hexanone                | 8.088  | 43    | 10486    | 3.470    | ug/L # | 70       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 6545     | 1.513    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

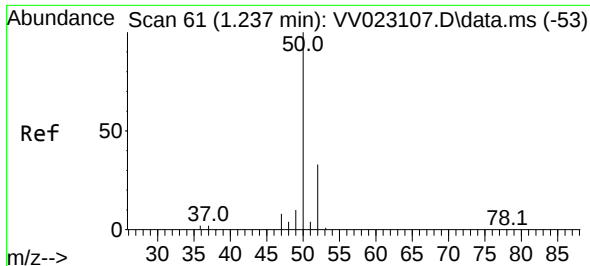
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Nov 02 01:11:36 2021  
Response via : Initial Calibration

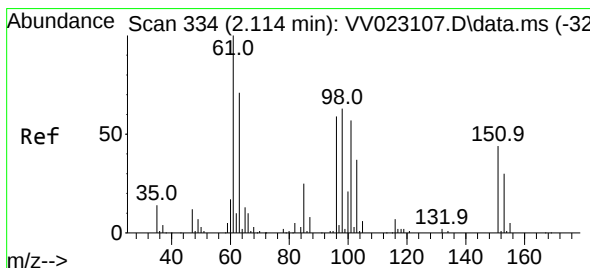
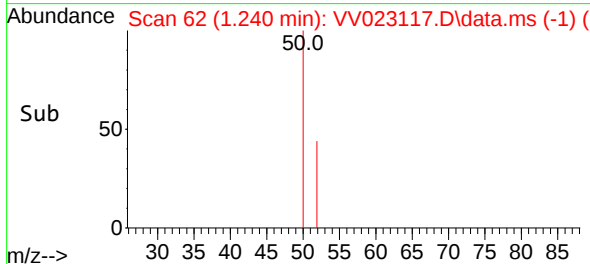
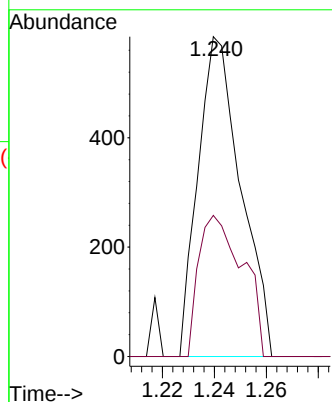
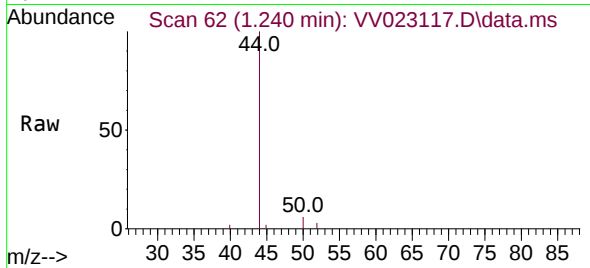




#3  
Chloromethane  
Concen: 0.077 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV023117.D  
Acq: 01 Nov 2021 15:20

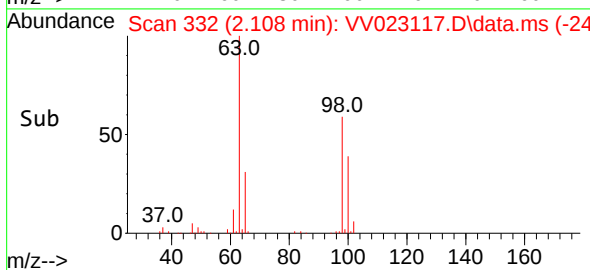
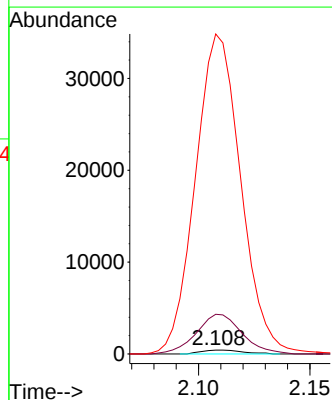
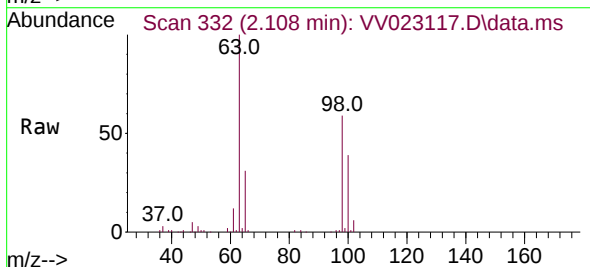
Instrument :  
MSVOA\_V  
ClientSampleId :

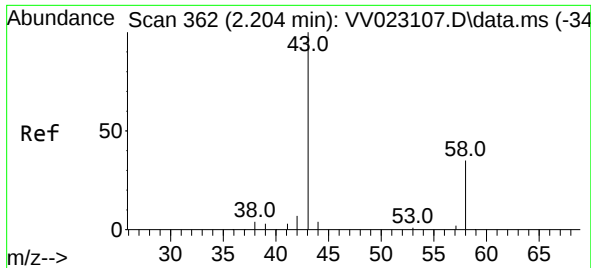
Tgt Ion: 50 Resp: 669  
Ion Ratio Lower Upper  
50 100  
52 44.1 24.3 45.1



#12  
1,1-Dichloroethene  
Concen: 0.084 ug/L  
RT: 2.108 min Scan# 332  
Delta R.T. -0.007 min  
Lab File: VV023117.D  
Acq: 01 Nov 2021 15:20

Tgt Ion: 96 Resp: 548  
Ion Ratio Lower Upper  
96 100  
61 1019.1 121.5 225.7#  
63 8218.9 99.6 185.0#





#13

Acetone

Concen: 4.414 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV023117.D

Acq: 01 Nov 2021 15:20

Instrument :

MSVOA\_V

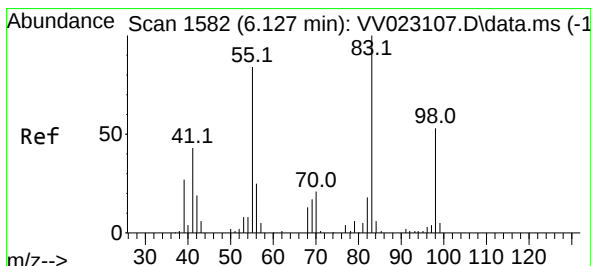
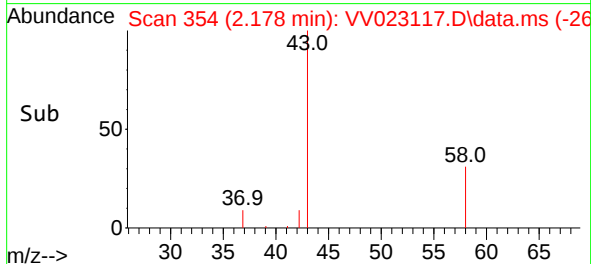
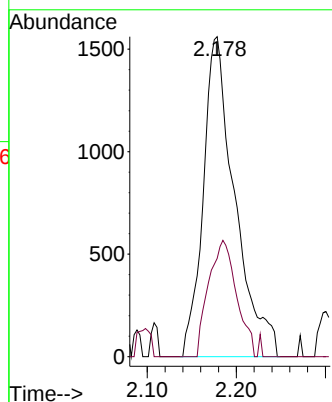
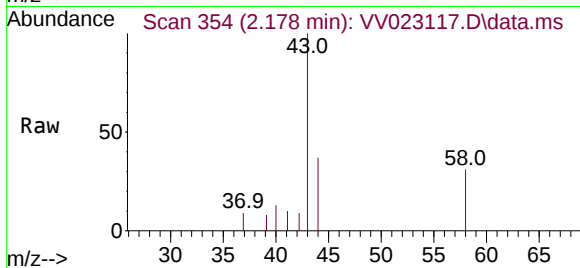
ClientSampleId :

Tgt Ion: 43 Resp: 3850

Ion Ratio Lower Upper

43 100

58 32.1 0.0 55.4



#35

Methylcyclohexane

Concen: 1.089 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023117.D

Acq: 01 Nov 2021 15:20

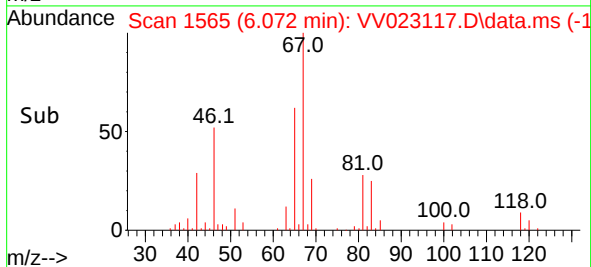
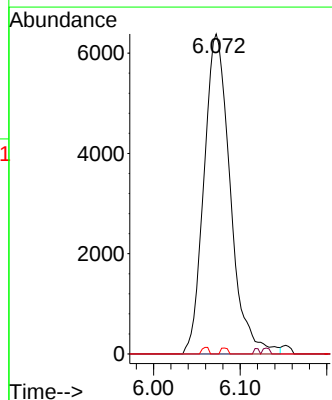
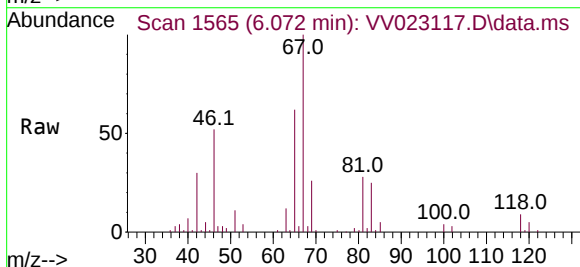
Tgt Ion: 83 Resp: 13435

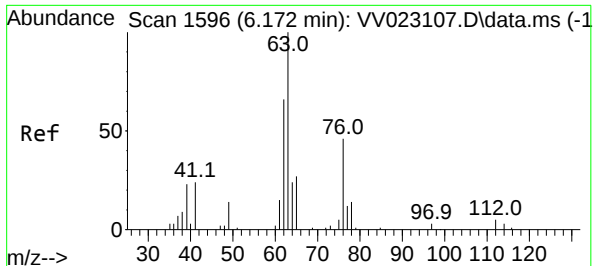
Ion Ratio Lower Upper

83 100

55 0.3 62.8 94.2#

98 0.5 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.728 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023117.D

Acq: 01 Nov 2021 15:20

Instrument :

MSVOA\_V

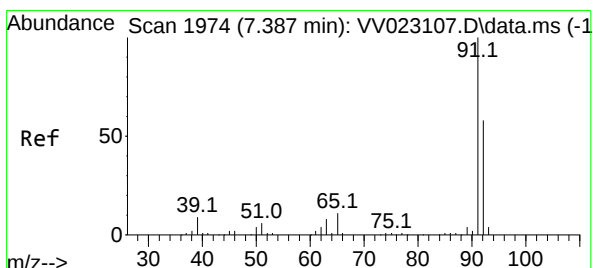
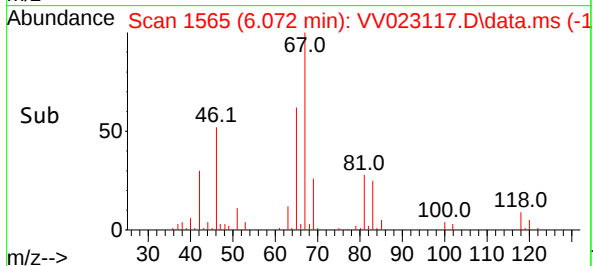
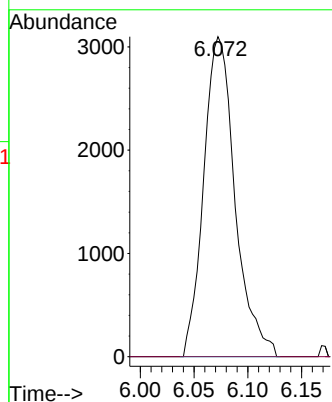
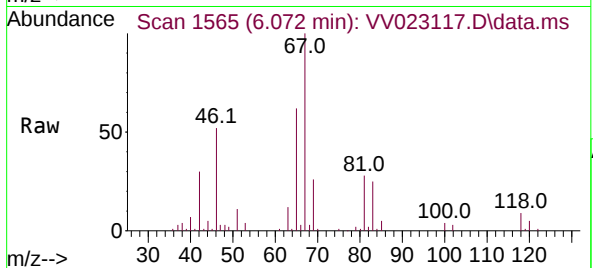
ClientSampleId :

Tgt Ion: 63 Resp: 6298

Ion Ratio Lower Upper

63 100

112 0.7 4.6 6.8#



#42

Toluene

Concen: 0.130 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023117.D

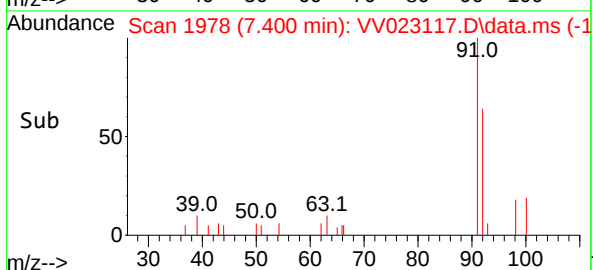
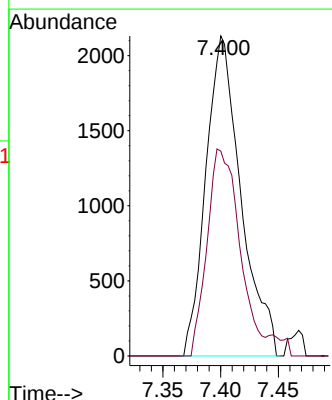
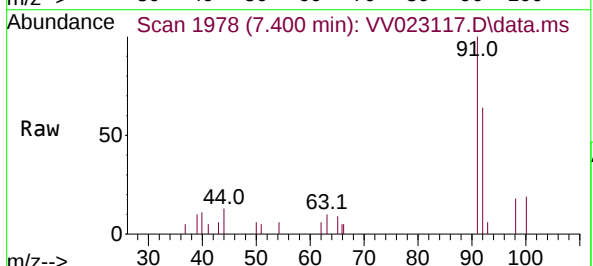
Acq: 01 Nov 2021 15:20

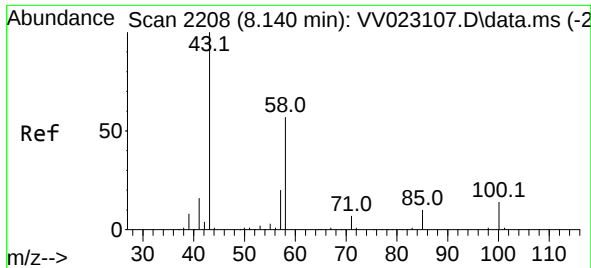
Tgt Ion: 91 Resp: 4504

Ion Ratio Lower Upper

91 100

92 64.0 39.3 72.9

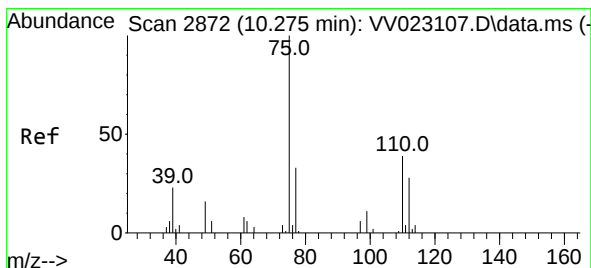
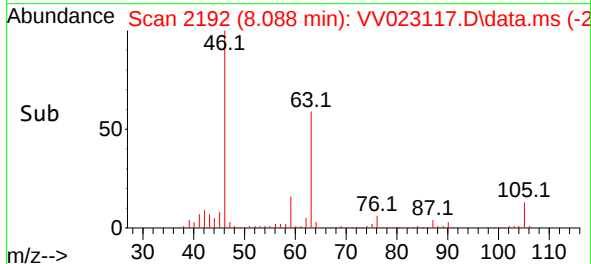
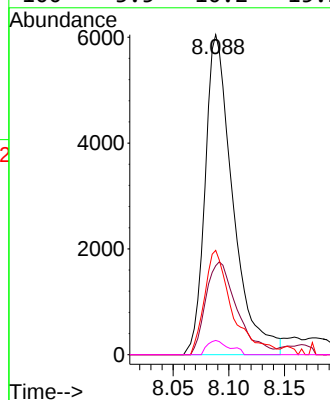
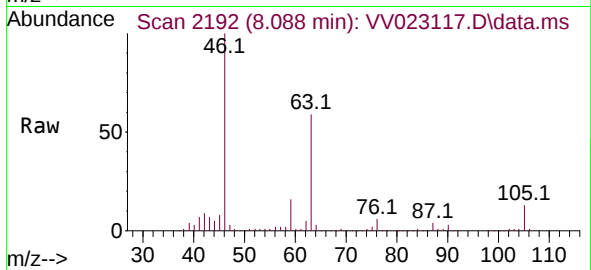




#48  
2-Hexanone  
Concen: 3.470 ug/L  
RT: 8.088 min Scan# 2192  
Delta R.T. -0.052 min  
Lab File: VV023117.D  
Acq: 01 Nov 2021 15:20

Instrument :  
MSVOA\_V  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 10486 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 32.6  | 43.7  | 65.5# |
| 57        | 32.8  | 14.1  | 21.1# |
| 100       | 3.5   | 10.2  | 15.2# |



#61  
1,2,3-Trichloropropane  
Concen: 1.513 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV023117.D  
Acq: 01 Nov 2021 15:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 6545  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 37.4  | 26.6  | 39.8  |
| 110       | 3.5   | 31.8  | 47.6# |

