

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV110121\  
 Data File : VV023113.D  
 Acq On : 01 Nov 2021 13:43  
 Operator : SY/MD  
 Sample : M4364-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 02 01:15:19 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

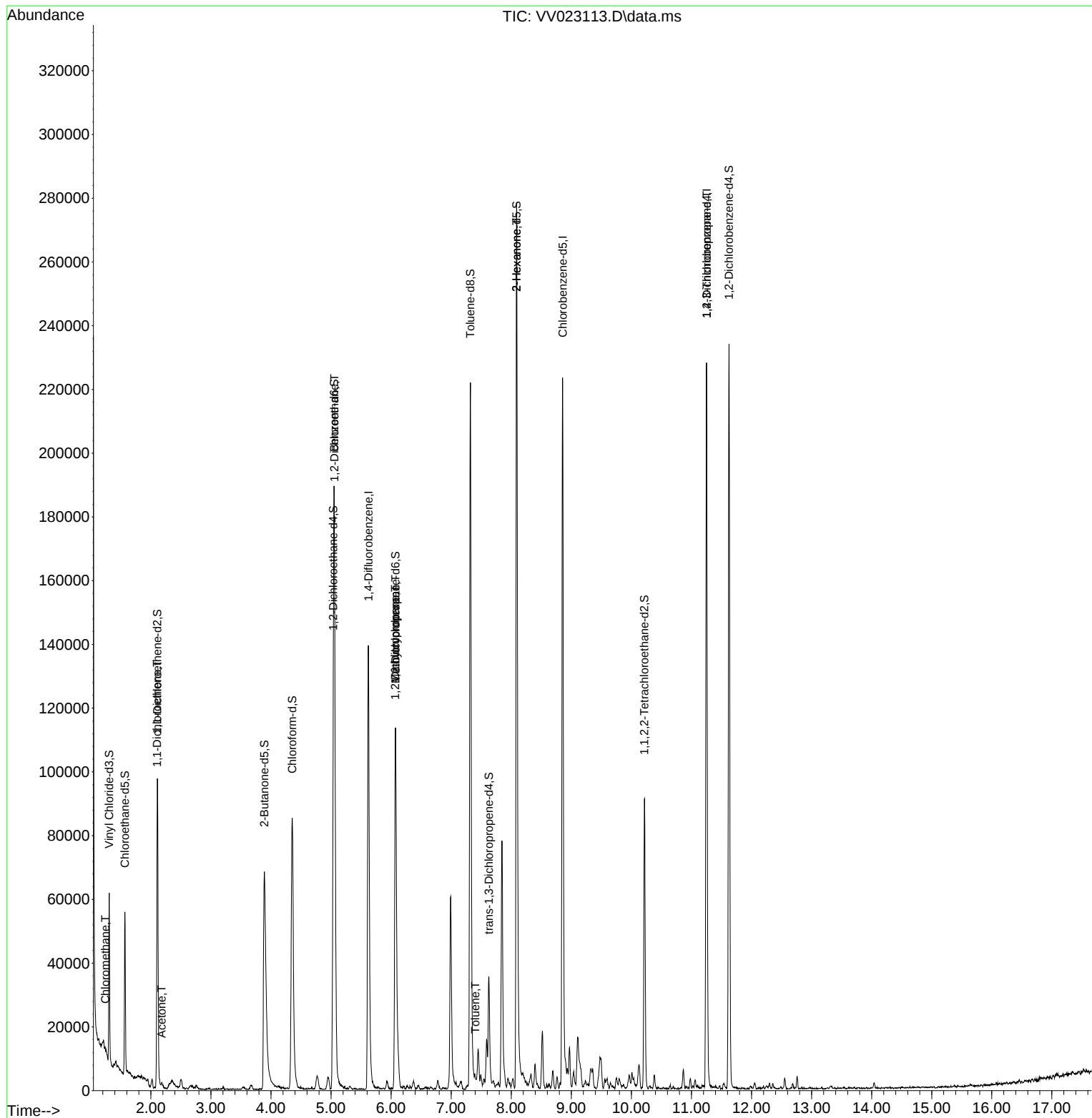
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.622  | 114   | 122228   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.857  | 117   | 125020   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 61829    | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 31879    | 2.985    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 59.600%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 29949    | 4.533    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.600%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 49661    | 3.223    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.400%   |
| 20) 2-Butanone-d5             | 3.889  | 46    | 112308   | 65.550   | ug/L   | -0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 131.100%# |
| 24) Chloroform-d              | 4.352  | 84    | 89584    | 5.159    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 43562    | 5.322    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.400%  |
| 32) Benzene-d6                | 5.053  | 84    | 167034   | 4.576    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.600%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 55322    | 4.924    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.400%   |
| 41) Toluene-d8                | 7.320  | 98    | 147570   | 4.501    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.000%   |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 20130    | 5.113    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 102.200%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 92430    | 63.415   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 126.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 42275    | 5.449    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 109.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 60388    | 5.474    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 109.400%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 3) Chloromethane              | 1.243  | 50    | 776      | 0.093    | ug/L   | 97        |
| 12) 1,1-Dichloroethene        | 2.105  | 96    | 382      | 0.061    | ug/L # | 1         |
| 13) Acetone                   | 2.179  | 43    | 1642     | 1.953    | ug/L   | 86        |
| 27) 1,2-Dichloroethane        | 5.056  | 62    | 1067     | 0.125    | ug/L # | 72        |
| 35) Methylcyclohexane         | 6.072  | 83    | 15695    | 1.297    | ug/L # | 18        |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 6064     | 0.715    | ug/L # | 87        |
| 42) Toluene                   | 7.403  | 91    | 2914     | 0.085    | ug/L   | 99        |
| 48) 2-Hexanone                | 8.088  | 43    | 11364    | 3.835    | ug/L # | 69        |
| 61) 1,2,3-Trichloropropane    | 11.252 | 75    | 6347     | 1.458    | ug/L # | 62        |
| -----                         |        |       |          |          |        |           |

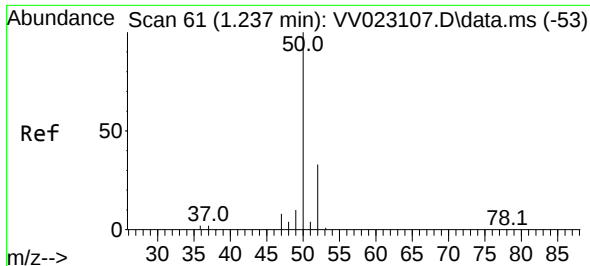
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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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

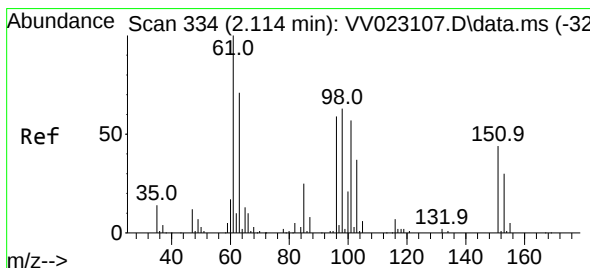
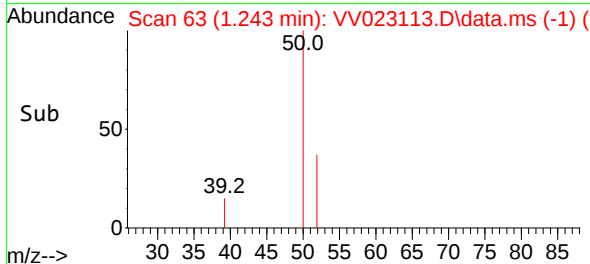
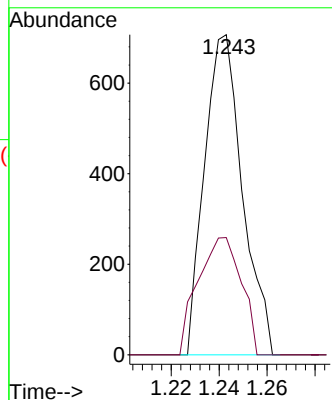
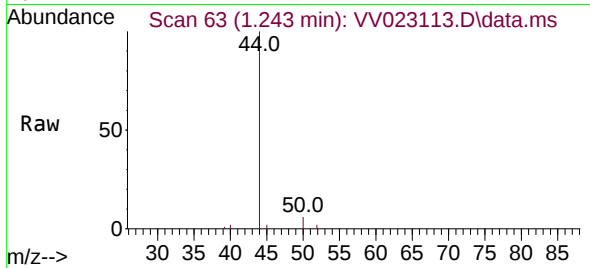




#3  
Chloromethane  
Concen: 0.093 ug/L  
RT: 1.243 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VV023113.D  
Acq: 01 Nov 2021 13:43

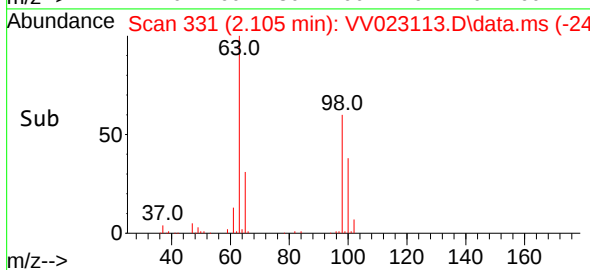
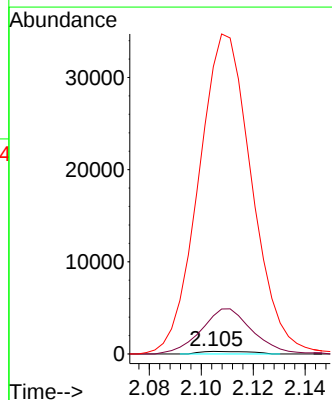
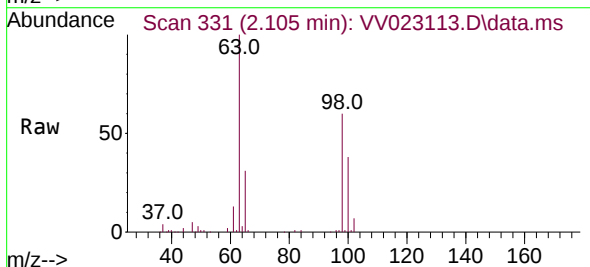
Instrument :  
MSVOA\_V  
ClientSampleId :

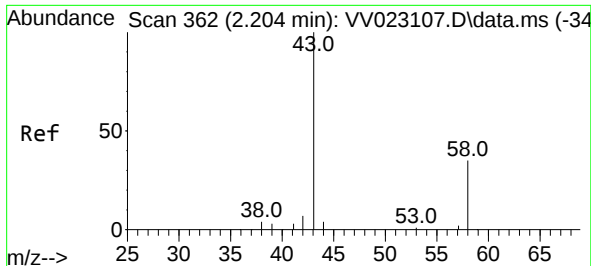
Tgt Ion: 50 Resp: 776  
Ion Ratio Lower Upper  
50 100  
52 36.6 24.3 45.1



#12  
1,1-Dichloroethene  
Concen: 0.061 ug/L  
RT: 2.105 min Scan# 331  
Delta R.T. -0.010 min  
Lab File: VV023113.D  
Acq: 01 Nov 2021 13:43

Tgt Ion: 96 Resp: 382  
Ion Ratio Lower Upper  
96 100  
61 1457.6 121.5 225.7#  
63 11013.4 99.6 185.0#





#13

Acetone

Concen: 1.953 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV023113.D

Acq: 01 Nov 2021 13:43

Instrument :

MSVOA\_V

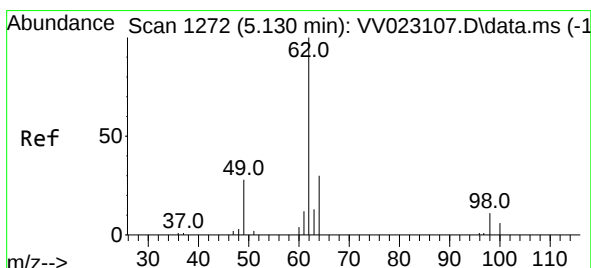
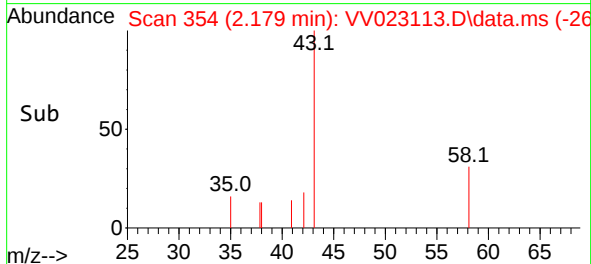
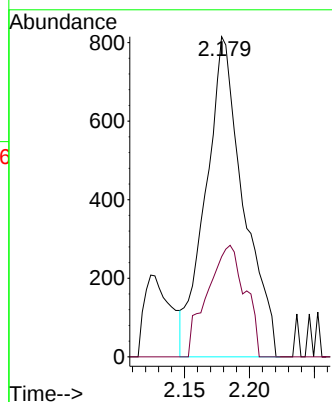
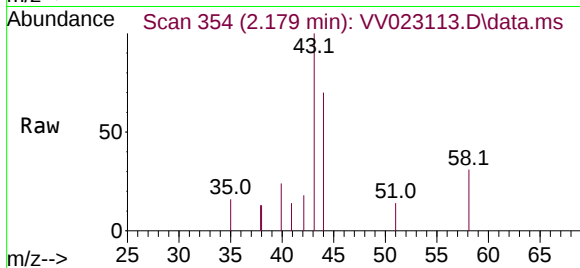
ClientSampleId :

Tgt Ion: 43 Resp: 1642

Ion Ratio Lower Upper

43 100

58 34.8 0.0 55.4



#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.074 min

Lab File: VV023113.D

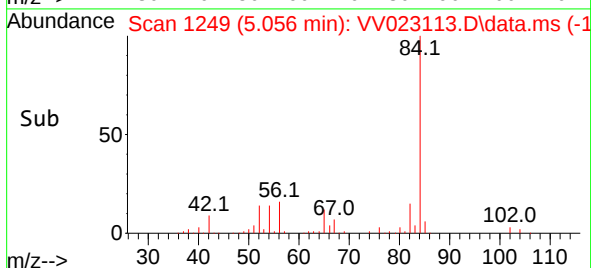
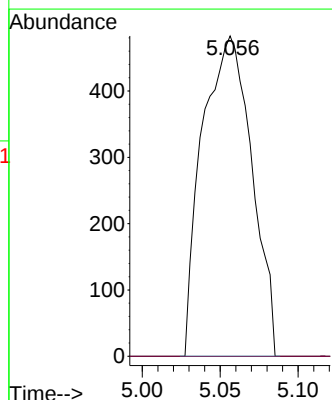
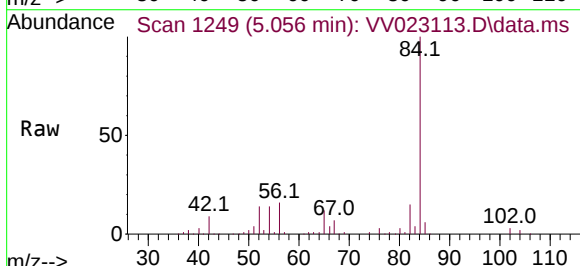
Acq: 01 Nov 2021 13:43

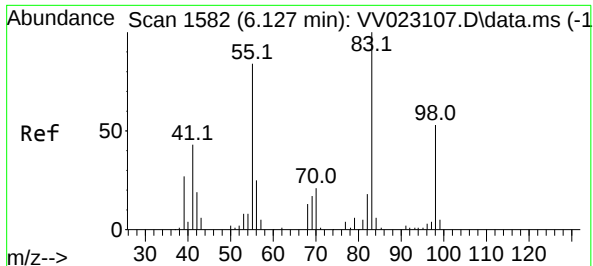
Tgt Ion: 62 Resp: 1067

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 1.297 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023113.D

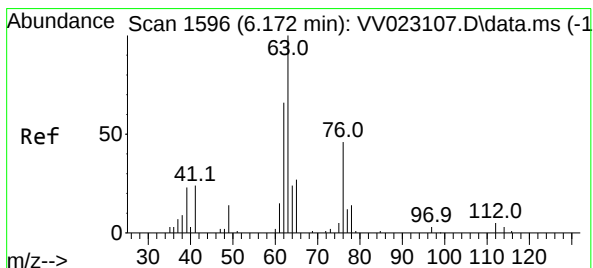
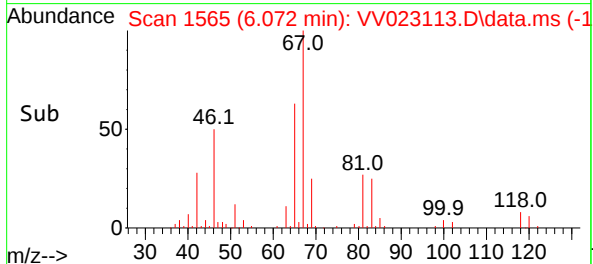
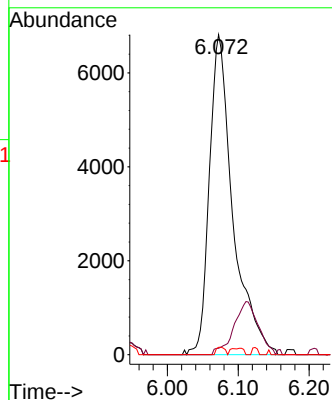
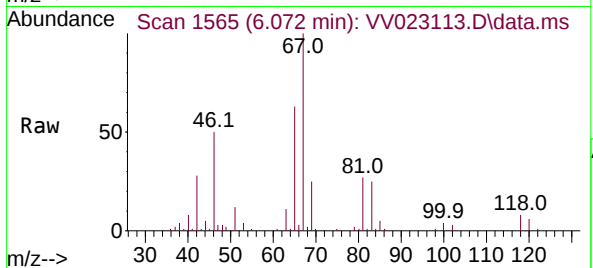
Acq: 01 Nov 2021 13:43

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 15695 |
| 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: 0.715 ug/L

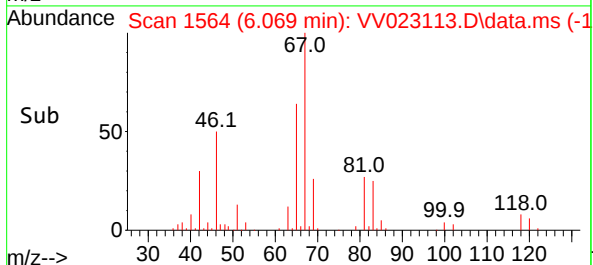
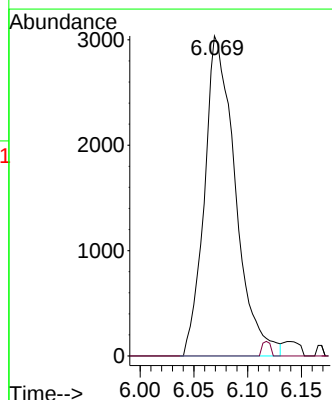
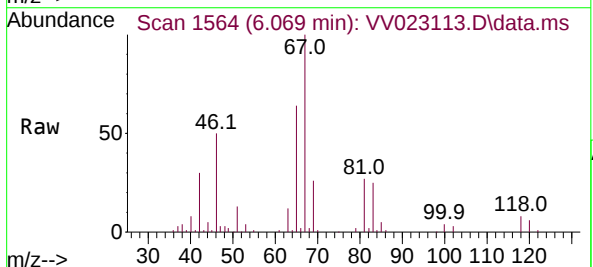
RT: 6.069 min Scan# 1564

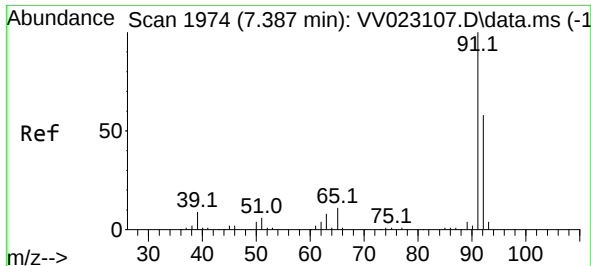
Delta R.T. -0.103 min

Lab File: VV023113.D

Acq: 01 Nov 2021 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 6064  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 1.2   | 4.6   | 6.8#  |





#42

Toluene

Concen: 0.085 ug/L

RT: 7.403 min Scan# 1974

Delta R.T. 0.016 min

Lab File: VV023113.D

Acq: 01 Nov 2021 13:43

Instrument :

MSVOA\_V

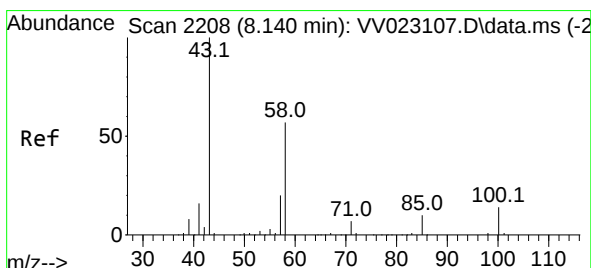
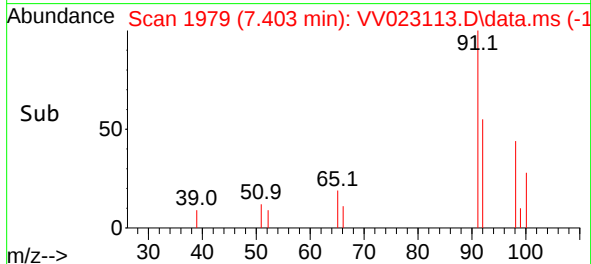
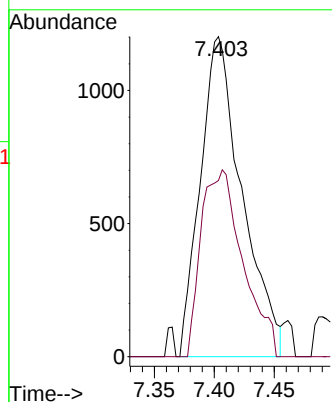
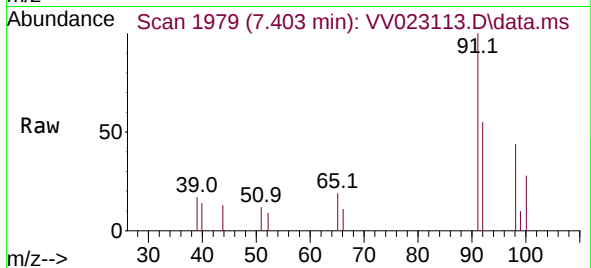
ClientSampleId :

Tgt Ion: 91 Resp: 2914

Ion Ratio Lower Upper

91 100

92 55.1 39.3 72.9



#48

2-Hexanone

Concen: 3.835 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.051 min

Lab File: VV023113.D

Acq: 01 Nov 2021 13:43

Tgt Ion: 43 Resp: 11364

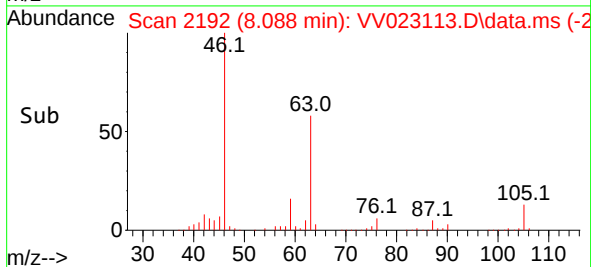
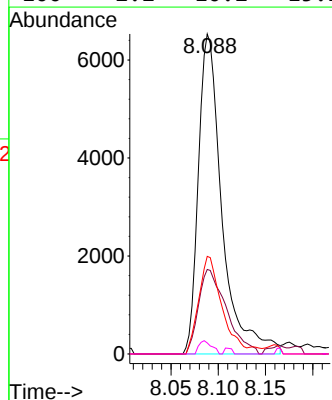
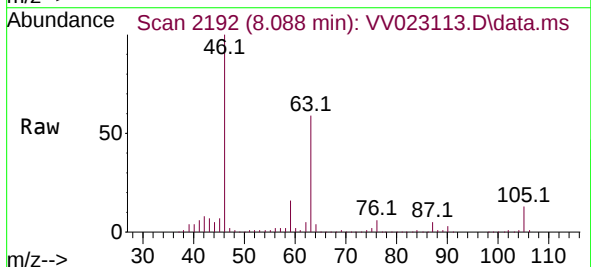
Ion Ratio Lower Upper

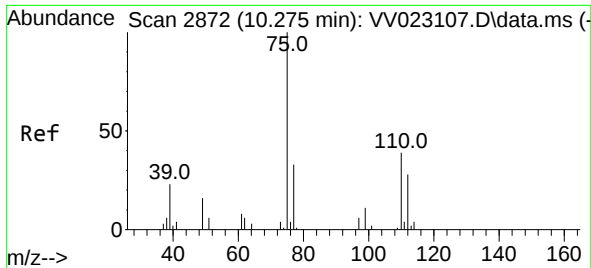
43 100

58 31.0 43.7 65.5#

57 29.6 14.1 21.1#

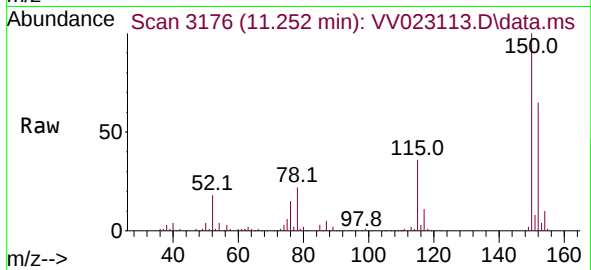
100 2.2 10.2 15.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.458 ug/L  
 RT: 11.252 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV023113.D  
 Acq: 01 Nov 2021 13:43

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 6347  
 Ion Ratio Lower Upper  
 75 100  
 77 40.1 26.6 39.8#  
 110 2.7 31.8 47.6#

