

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV110921\  
 Data File : VV023324.D  
 Acq On : 10 Nov 2021 11:50  
 Operator : SY/MD  
 Sample : M4522-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 11 00:40:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 11 00:38:57 2021  
 Response via : Initial Calibration

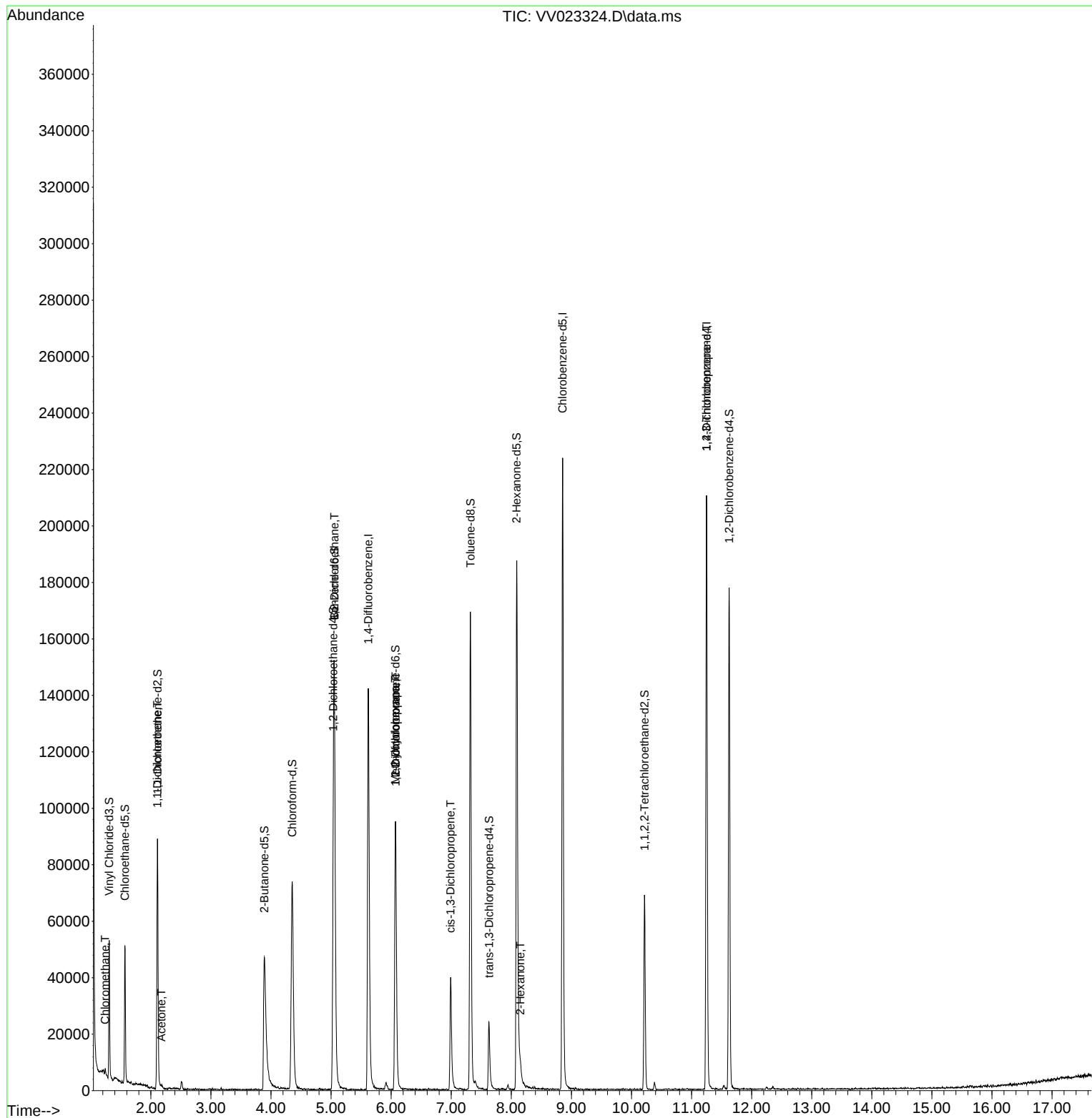
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 123679   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 125554   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 57507    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 30016    | 3.874  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 77.400%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 28355    | 4.490  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63             | 43829    | 3.022  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 60.400%  |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 85281    | 63.888 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 127.780% |          |
| 24) Chloroform-d              | 4.352  | 84             | 76638    | 4.641  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65             | 37228    | 5.014  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 100.200% |          |
| 32) Benzene-d6                | 5.053  | 84             | 138492   | 4.299  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 45850    | 4.835  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 96.600%  |          |
| 41) Toluene-d8                | 7.320  | 98             | 115082   | 3.812  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79             | 14247    | 3.962  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.200%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 59835    | 45.227 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 90.460%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 32814    | 4.812  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 47610    | 4.972  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.400%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.240  | 50             | 1077     | 0.105  | ug/L     | 95       |
| 12) 1,1-Dichloroethene        | 2.108  | 96             | 454      | 0.062  | ug/L #   | 1        |
| 13) Acetone                   | 2.175  | 43             | 1234     | 1.513  | ug/L     | 69       |
| 27) 1,2-Dichloroethane        | 5.053  | 62             | 984      | 0.113  | ug/L #   | 72       |
| 35) Methylcyclohexane         | 6.069  | 83             | 11038    | 0.749  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.076  | 63             | 5216     | 0.637  | ug/L #   | 83       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75             | 1095     | 0.093  | ug/L     | 93       |
| 48) 2-Hexanone                | 8.149  | 43             | 5114     | 1.921  | ug/L #   | 74       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 6358     | 1.664  | ug/L #   | 63       |
| -----                         |        |                |          |        |          |          |

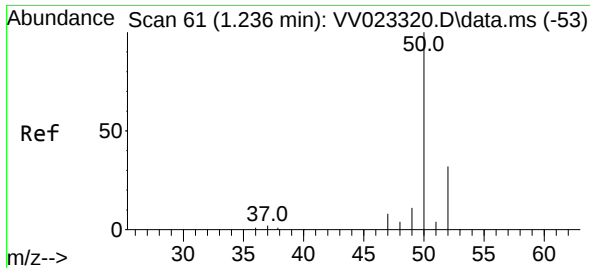
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV110921\  
Data File : VV023324.D  
Acq On : 10 Nov 2021 11:50  
Operator : SY/MD  
Sample : M4522-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Nov 11 00:40:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 11 00:38:57 2021  
Response via : Initial Calibration

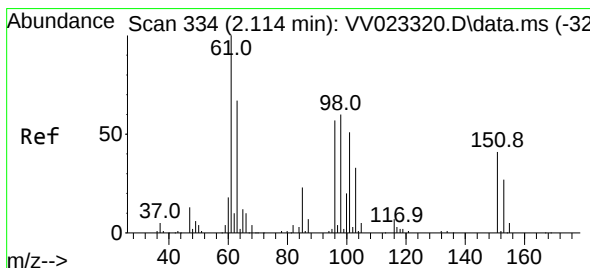
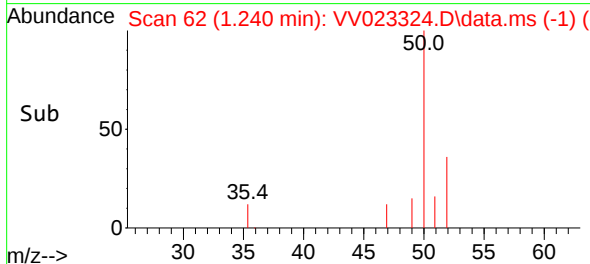
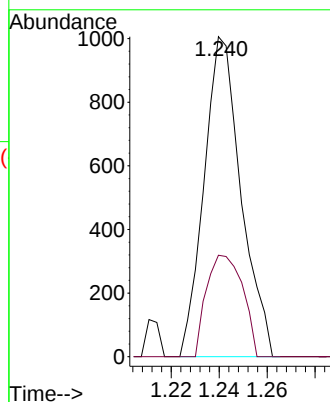
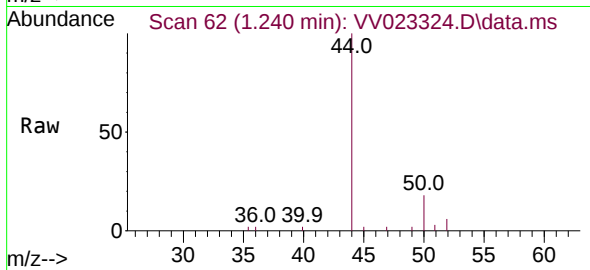




#3  
Chloromethane  
Concen: 0.105 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV023324.D  
Acq: 10 Nov 2021 11:50

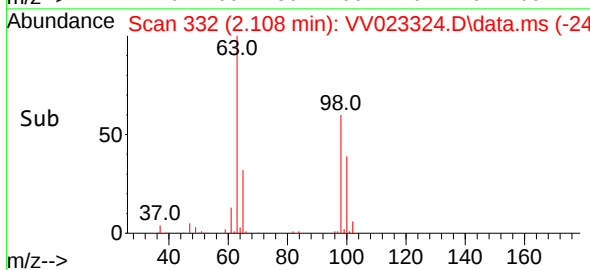
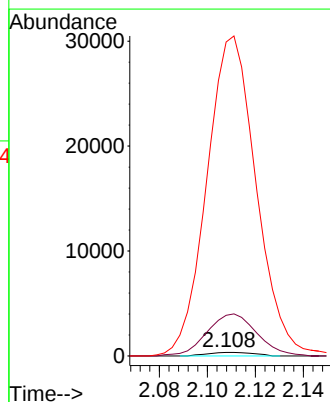
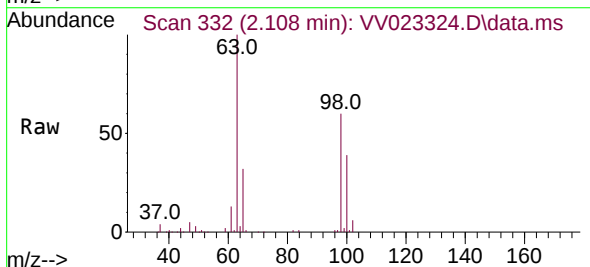
Instrument :  
MSVOA\_V  
ClientSampleId :

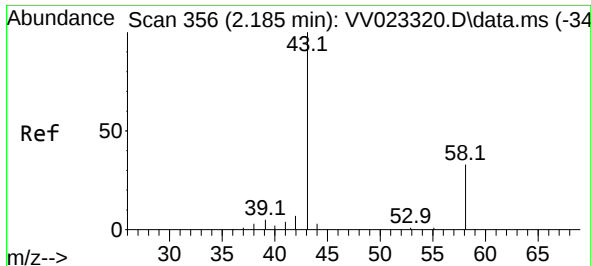
Tgt Ion: 50 Resp: 1077  
Ion Ratio Lower Upper  
50 100  
52 31.7 24.3 45.1



#12  
1,1-Dichloroethene  
Concen: 0.062 ug/L  
RT: 2.108 min Scan# 332  
Delta R.T. -0.006 min  
Lab File: VV023324.D  
Acq: 10 Nov 2021 11:50

Tgt Ion: 96 Resp: 454  
Ion Ratio Lower Upper  
96 100  
61 1134.2 121.5 225.7#  
63 8748.5 99.6 185.0#





#13

Acetone

Concen: 1.513 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023324.D

Acq: 10 Nov 2021 11:50

Instrument :

MSVOA\_V

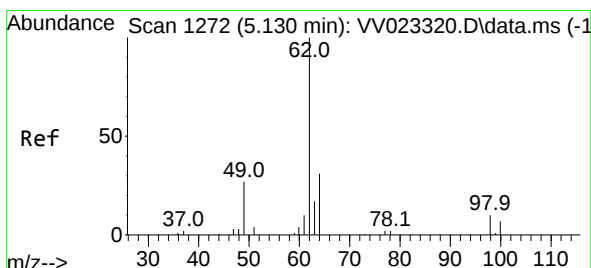
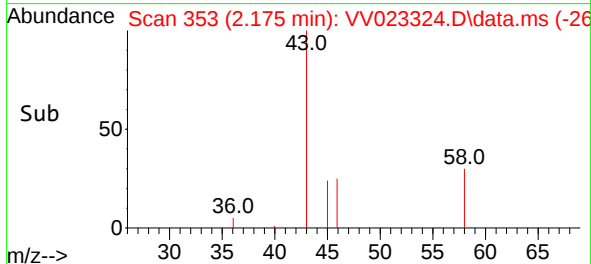
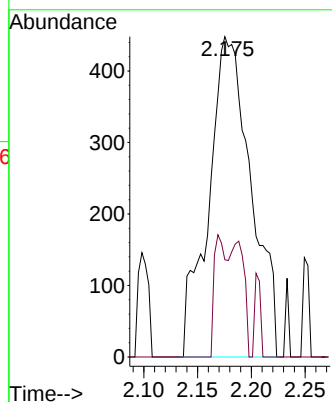
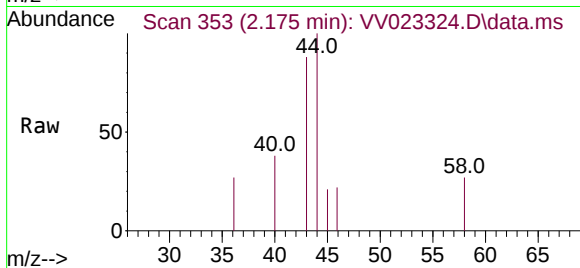
ClientSampleId :

Tgt Ion: 43 Resp: 1234

Ion Ratio Lower Upper

43 100

58 11.7 0.0 55.4



#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.077 min

Lab File: VV023324.D

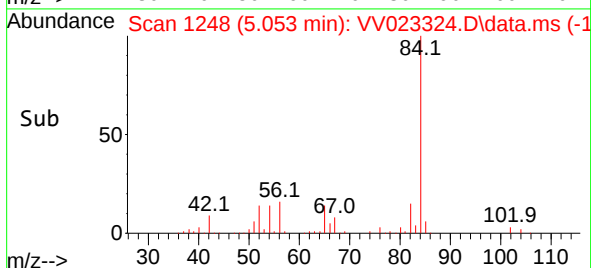
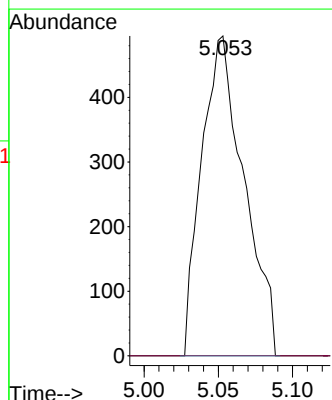
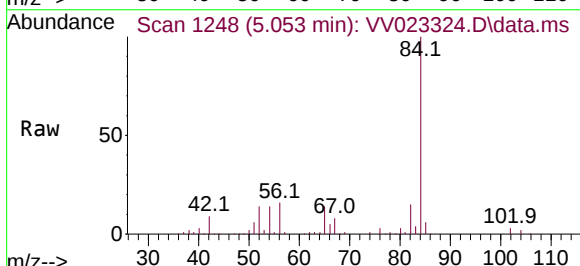
Acq: 10 Nov 2021 11:50

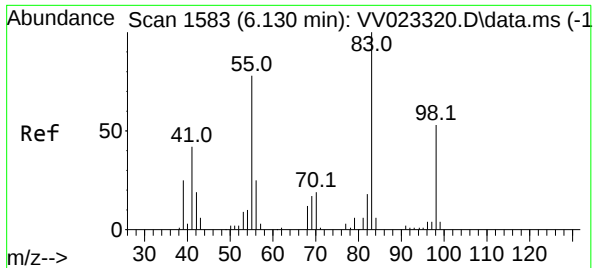
Tgt Ion: 62 Resp: 984

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

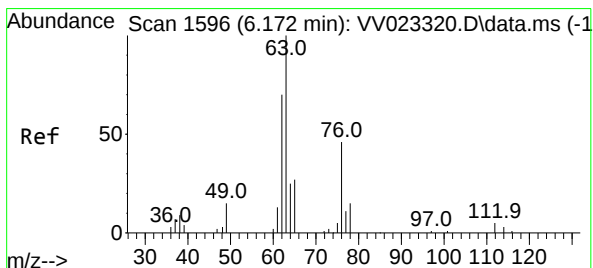
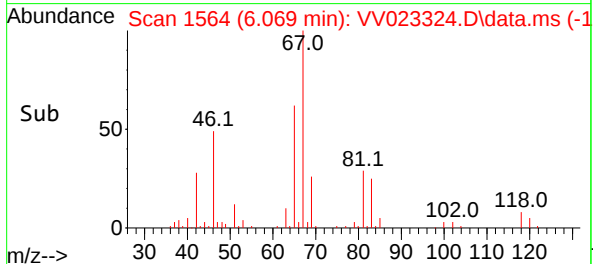
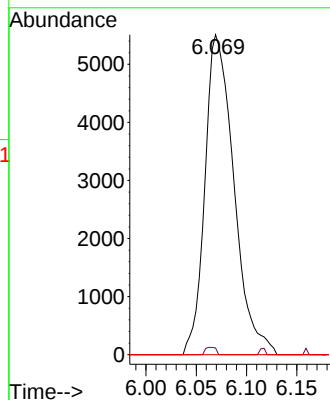
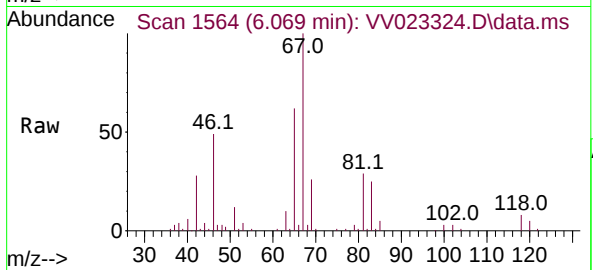




#35  
Methylcyclohexane  
Concen: 0.749 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.061 min  
Lab File: VV023324.D  
Acq: 10 Nov 2021 11:50

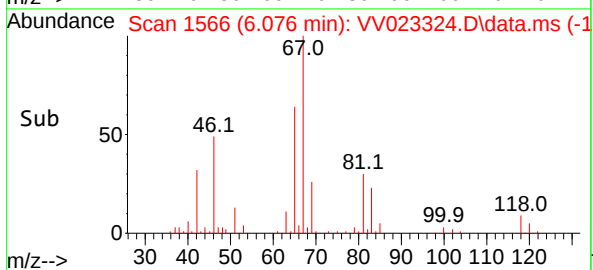
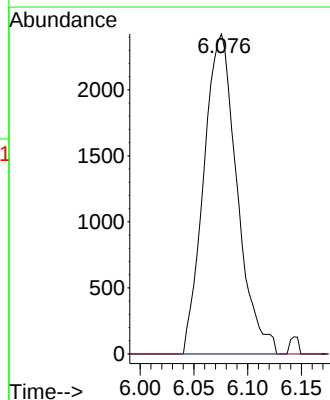
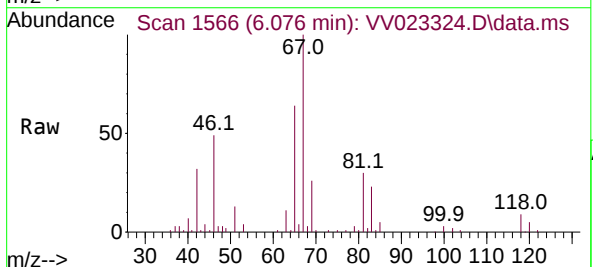
Instrument :  
MSVOA\_V  
ClientSampleId :

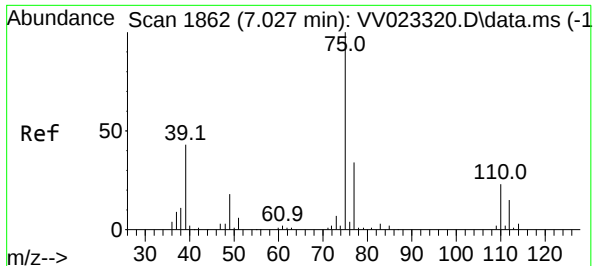
Tgt Ion: 83 Resp: 11038  
Ion Ratio Lower Upper  
83 100  
55 0.8 62.8 94.2#  
98 4.9 37.9 56.9#



#37  
1,2-Dichloropropane  
Concen: 0.637 ug/L  
RT: 6.076 min Scan# 1566  
Delta R.T. -0.096 min  
Lab File: VV023324.D  
Acq: 10 Nov 2021 11:50

Tgt Ion: 63 Resp: 5216  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023324.D

Acq: 10 Nov 2021 11:50

Instrument :

MSVOA\_V

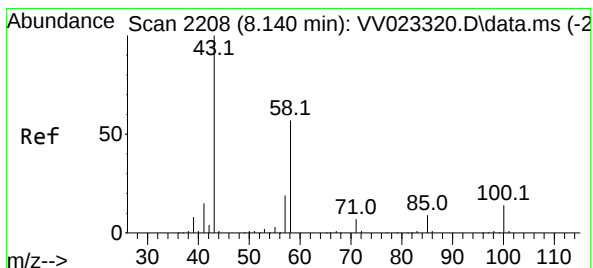
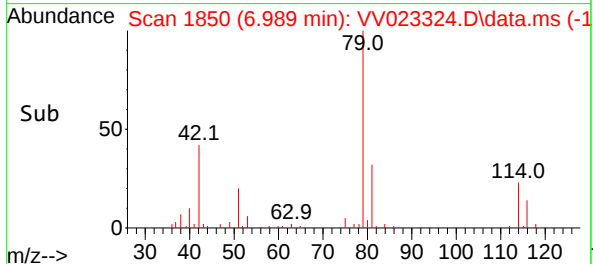
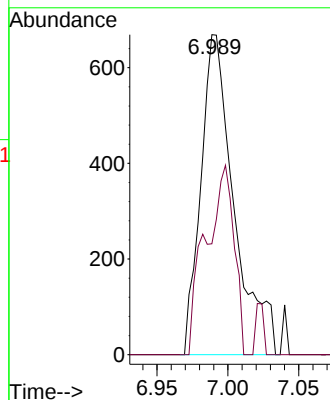
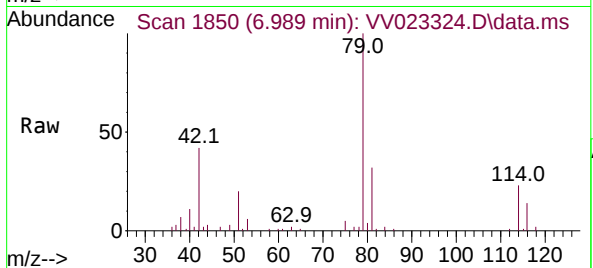
ClientSampleId :

Tgt Ion: 75 Resp: 1095

Ion Ratio Lower Upper

75 100

77 34.7 21.6 40.2



#48

2-Hexanone

Concen: 1.921 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV023324.D

Acq: 10 Nov 2021 11:50

Tgt Ion: 43 Resp: 5114

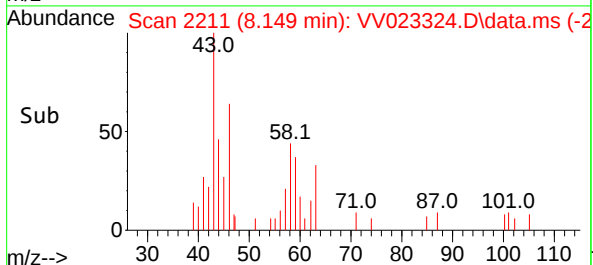
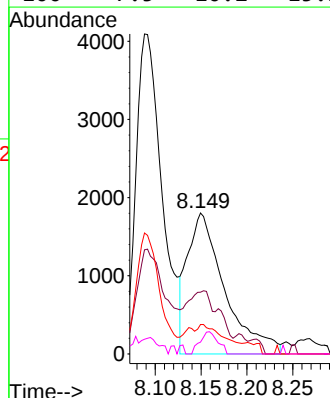
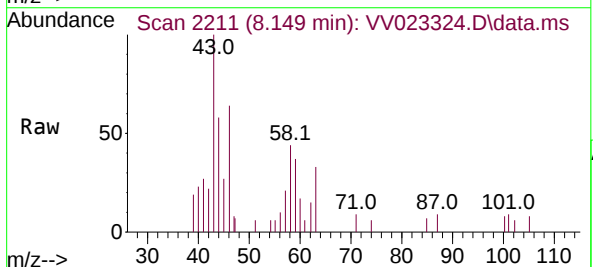
Ion Ratio Lower Upper

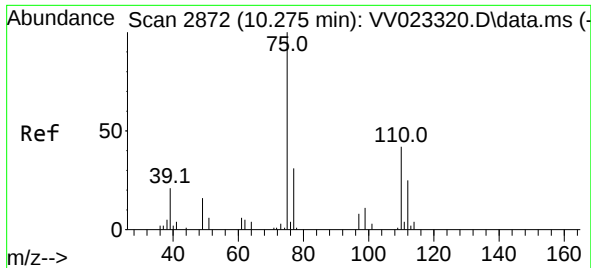
43 100

58 33.0 43.7 65.5#

57 8.5 14.1 21.1#

100 7.5 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.664 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

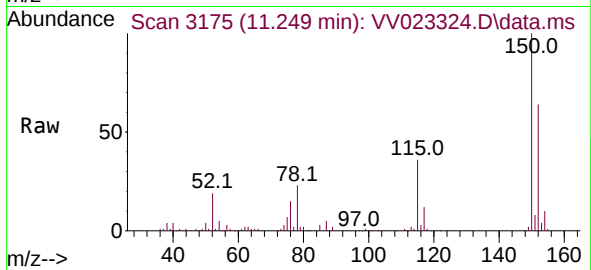
Lab File: VV023324.D

Acq: 10 Nov 2021 11:50

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 6358

Ion Ratio Lower Upper

75 100

77 29.3 26.6 39.8

110 1.6 31.8 47.6#

