

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV110921\  
 Data File : VV023328.D  
 Acq On : 10 Nov 2021 13:22  
 Operator : SY/MD  
 Sample : M4545-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 11 00:41:28 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

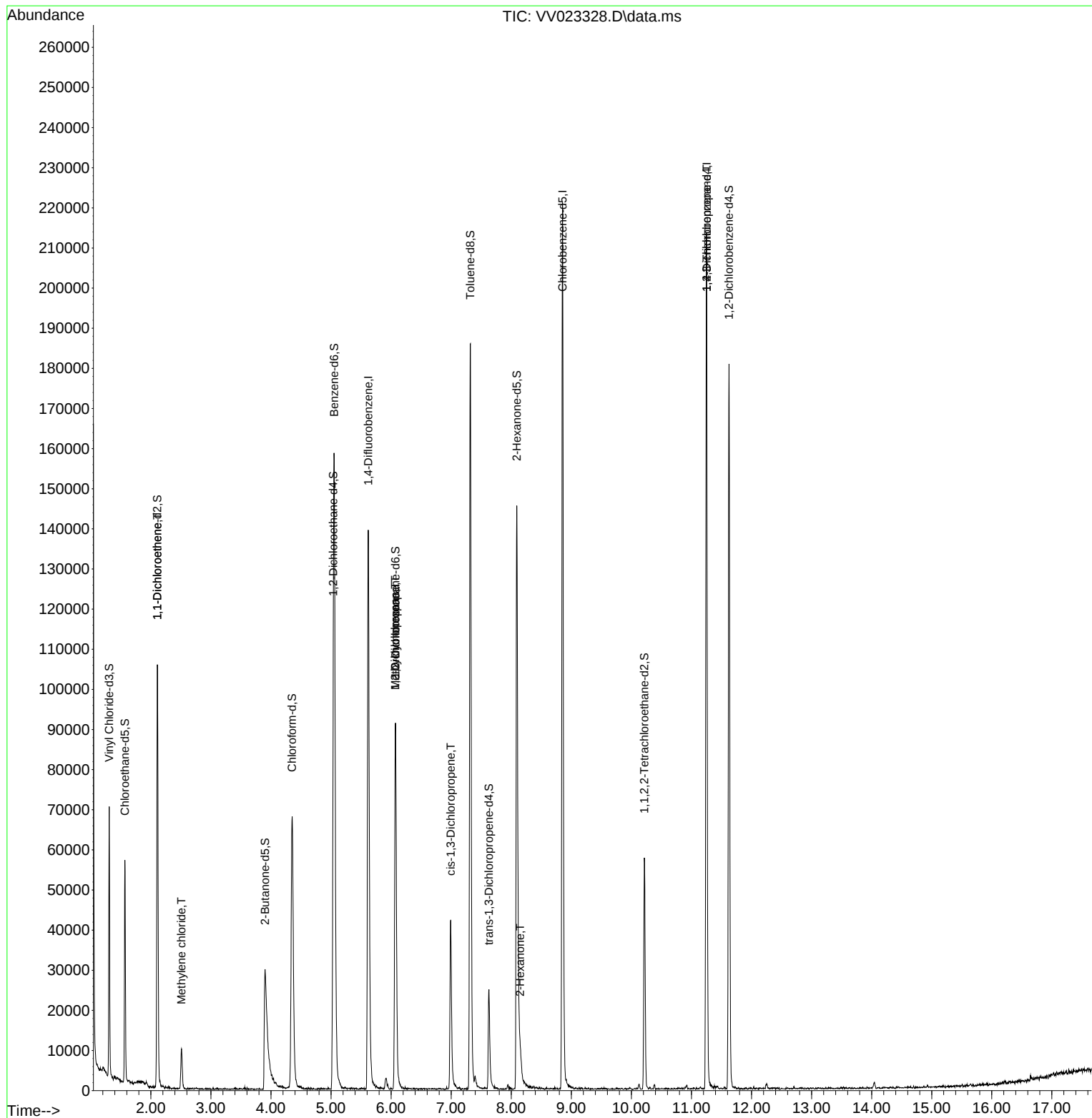
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 123922   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854     | 117            | 127578   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252    | 152            | 57892    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.307     | 65             | 40447    | 5.210      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 104.200% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 33060    | 5.225      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 104.600% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108     | 63             | 55465    | 3.816      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 76.400%  |        |          |
| 20) 2-Butanone-d5             | 3.902     | 46             | 69303    | 51.817     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 103.640% |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 72963    | 4.410      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 88.200%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037     | 65             | 34555    | 4.645      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 92.800%  |        |          |
| 32) Benzene-d6                | 5.053     | 84             | 145136   | 4.434      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 88.600%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072     | 67             | 44433    | 4.611      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 92.200%  |        |          |
| 41) Toluene-d8                | 7.320     | 98             | 124577   | 4.061      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 81.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.628     | 79             | 15192    | 4.158      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 83.200%  |        |          |
| 46) 2-Hexanone-d5             | 8.091     | 63             | 50003    | 37.195     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 74.400%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 27473    | 3.965      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 79.200%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625    | 152            | 47388    | 4.916      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 98.400%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.108     | 96             | 513      | 0.069      | ug/L # | 1        |
| 16) Methylene chloride        | 2.510     | 84             | 4408     | 0.409      | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.069     | 83             | 11171    | 0.746      | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.069     | 63             | 5291     | 0.636      | ug/L # | 83       |
| 39) cis-1,3-Dichloropropene   | 6.992     | 75             | 1218     | 0.102      | ug/L # | 52       |
| 48) 2-Hexanone                | 8.146     | 43             | 5093     | 1.883      | ug/L # | 94       |
| 61) 1,2,3-Trichloropropane    | 11.252    | 75             | 6534     | 1.699      | ug/L # | 67       |
| -----                         |           |                |          |            |        |          |

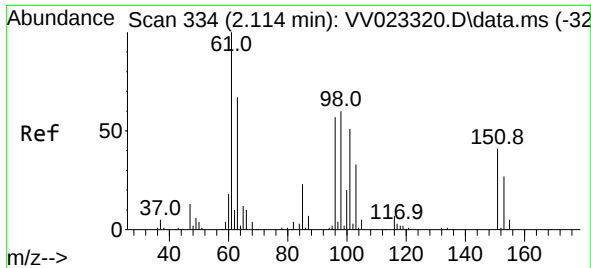
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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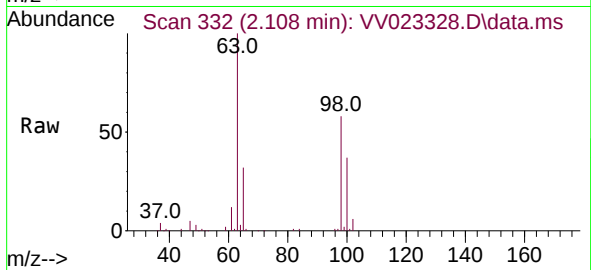
Quant Time: Nov 11 00:41:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 11 00:38:57 2021  
Response via : Initial Calibration



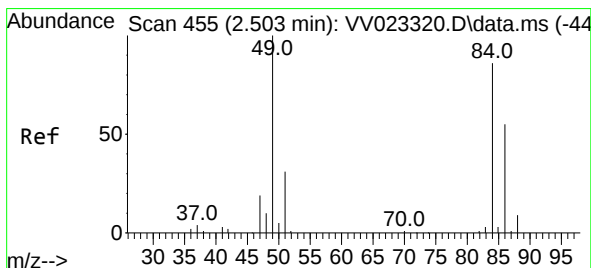
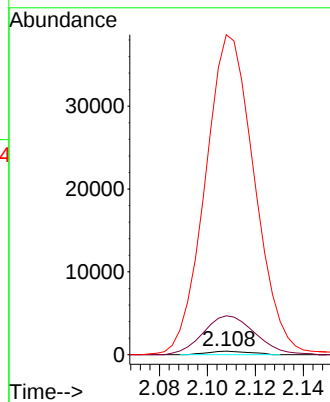
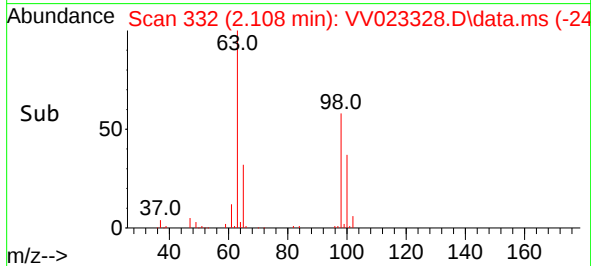


#12  
1,1-Dichloroethene  
Concen: 0.069 ug/L  
RT: 2.108 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VV023328.D  
Acq: 10 Nov 2021 13:22

Instrument :  
MSVOA\_V  
ClientSampleId :

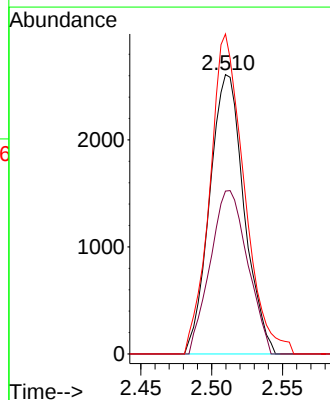
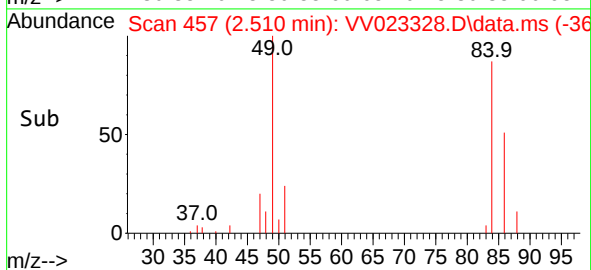
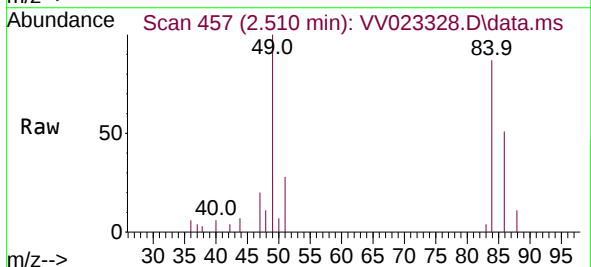


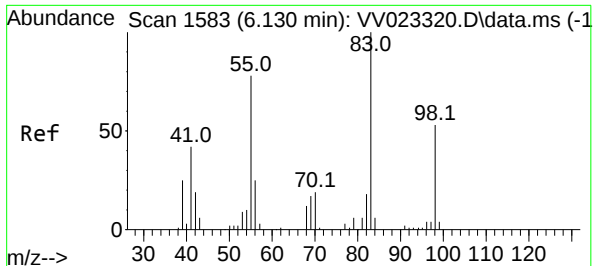
Tgt Ion: 96 Resp: 513  
Ion Ratio Lower Upper  
96 100  
61 1126.4 121.5 225.7#  
63 9266.2 99.6 185.0#



#16  
Methylene chloride  
Concen: 0.409 ug/L  
RT: 2.510 min Scan# 457  
Delta R.T. 0.006 min  
Lab File: VV023328.D  
Acq: 10 Nov 2021 13:22

Tgt Ion: 84 Resp: 4408  
Ion Ratio Lower Upper  
84 100  
86 58.3 42.3 78.5  
49 114.5 79.7 148.1





#35

Methylcyclohexane

Concen: 0.746 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023328.D

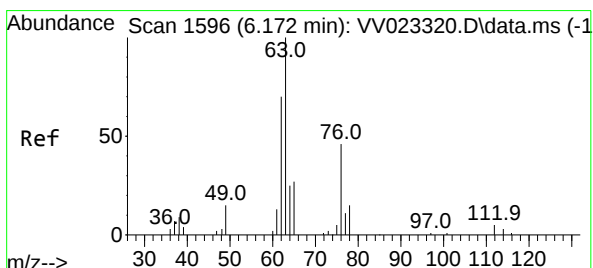
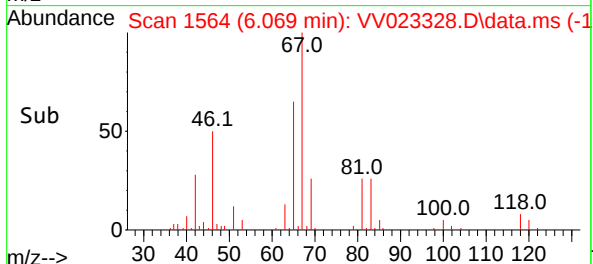
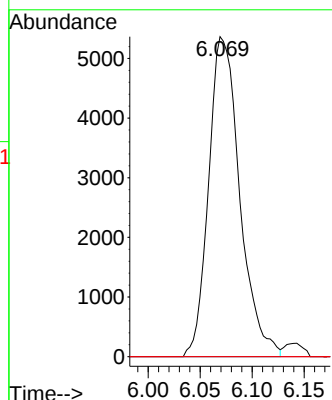
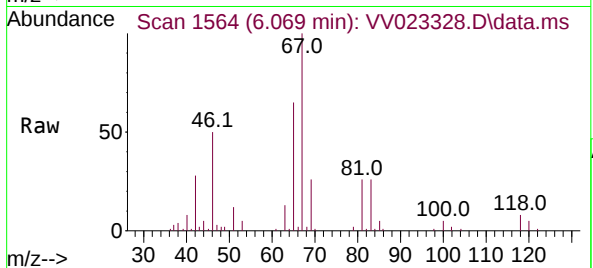
Acq: 10 Nov 2021 13:22

Instrument :

MSVOA\_V

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 11171 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.0   | 62.8  | 94.2# |
| 98       | 5.2   | 37.9  | 56.9# |



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

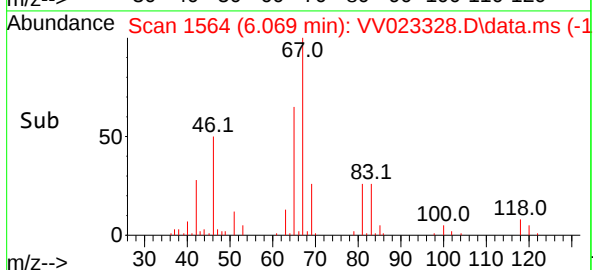
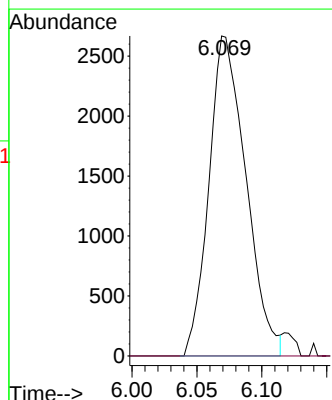
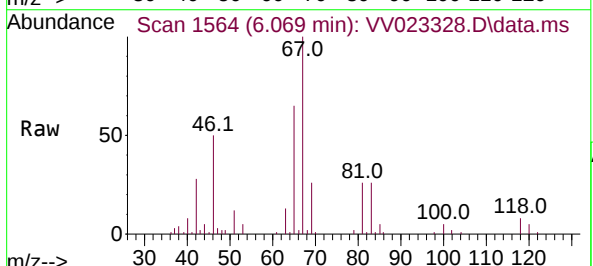
RT: 6.069 min Scan# 1564

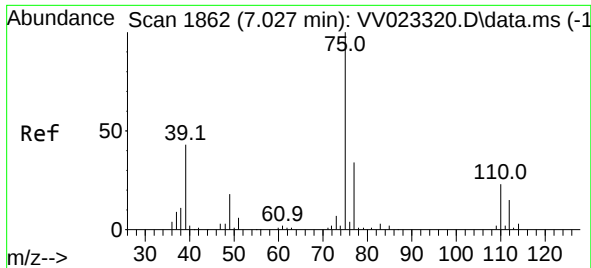
Delta R.T. -0.103 min

Lab File: VV023328.D

Acq: 10 Nov 2021 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 5291  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 112      | 0.0   | 4.6   | 6.8#  |





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023328.D

Acq: 10 Nov 2021 13:22

Instrument :

MSVOA\_V

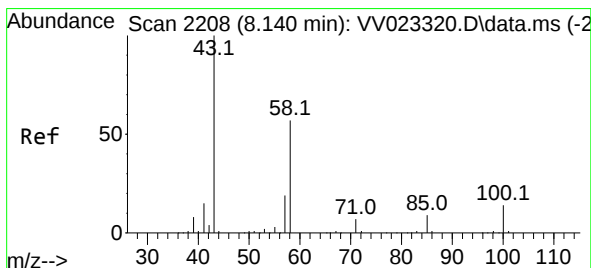
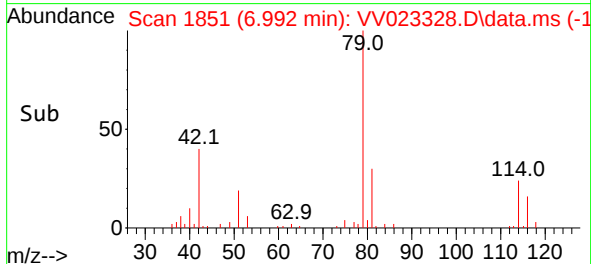
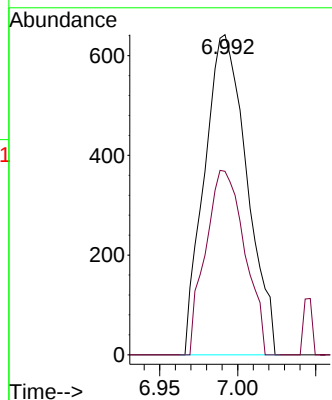
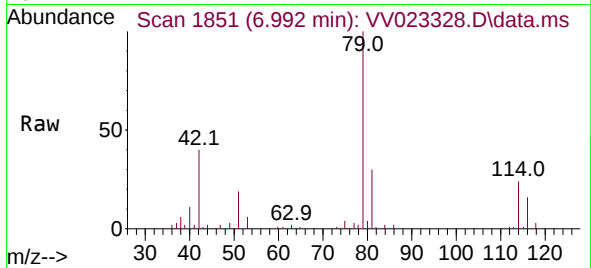
ClientSampleId :

Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

77 57.3 21.6 40.2#



#48

2-Hexanone

Concen: 1.883 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV023328.D

Acq: 10 Nov 2021 13:22

Tgt Ion: 43 Resp: 5093

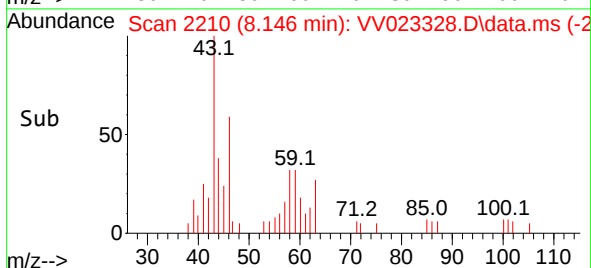
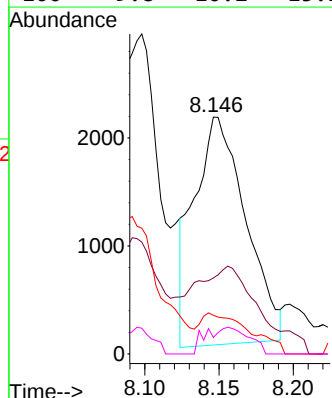
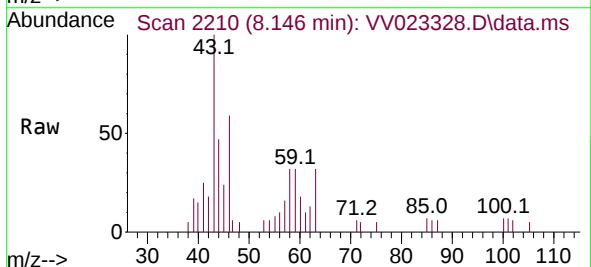
Ion Ratio Lower Upper

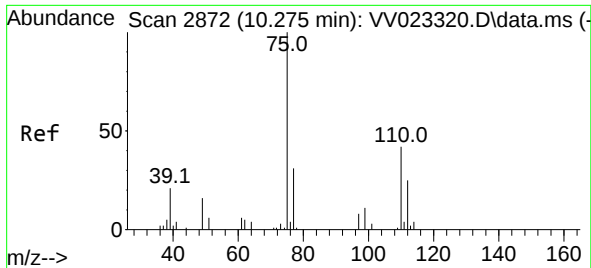
43 100

58 48.9 43.7 65.5

57 17.2 14.1 21.1

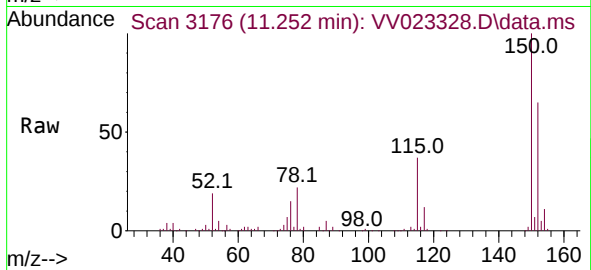
100 9.8 10.2 15.2#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.699 ug/L  
 RT: 11.252 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV023328.D  
 Acq: 10 Nov 2021 13:22

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 6534  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.3  | 26.6  | 39.8  |
| 110 | 2.2   | 31.8  | 47.6# |

