

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102723\  
 Data File : VV032708.D  
 Acq On : 28 Oct 2023 01:25  
 Operator : SY/MD  
 Sample : 05055-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A49P1

Quant Time: Oct 28 05:10:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 28 02:08:41 2023  
 Response via : Initial Calibration

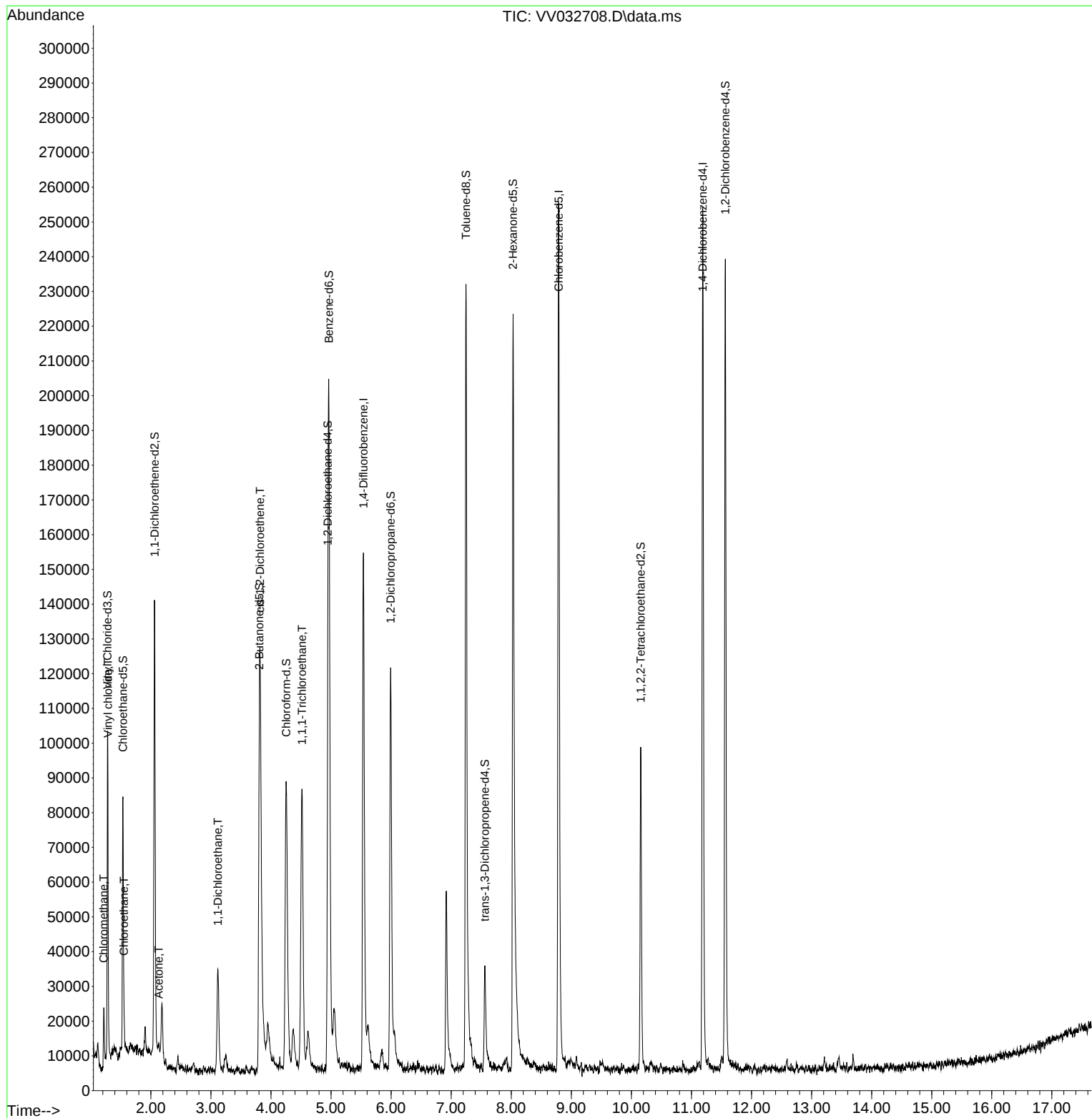
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 130212   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 148459   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 64444    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 51548    | 4.820  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 96.400%  |          |
| 7) Chloroethane-d5            | 1.535  | 69             | 47871    | 5.268  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 105.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 21417    | 4.462  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 89.200%  |          |
| 20) 2-Butanone-d5             | 3.805  | 46             | 97235    | 42.105 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 84.220%  |          |
| 24) Chloroform-d              | 4.252  | 84             | 91444    | 5.150  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 103.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 46809    | 5.339  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 106.800% |          |
| 32) Benzene-d6                | 4.963  | 84             | 181969   | 5.148  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 103.000% |          |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67             | 54777    | 5.352  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 107.000% |          |
| 41) Toluene-d8                | 7.246  | 98             | 164230   | 4.584  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 19391    | 4.293  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.800%  |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 75483    | 42.171 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 84.340%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84             | 43601    | 4.790  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 58744    | 5.582  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 111.600% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.217  | 50             | 11216    | 0.711  | ug/L     | 98       |
| 5) Vinyl chloride             | 1.285  | 62             | 11854    | 0.758  | ug/L     | 95       |
| 8) Chloroethane               | 1.552  | 64             | 3370     | 0.329  | ug/L     | 91       |
| 13) Acetone                   | 2.134  | 43             | 4790     | 2.101  | ug/L     | 86       |
| 19) 1,1-Dichloroethane        | 3.117  | 63             | 29987    | 1.470  | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96             | 45456    | 3.896  | ug/L     | 99       |
| 29) 1,1,1-Trichloroethane     | 4.516  | 97             | 68197    | 3.561  | ug/L     | 100      |
| -----                         |        |                |          |        |          |          |

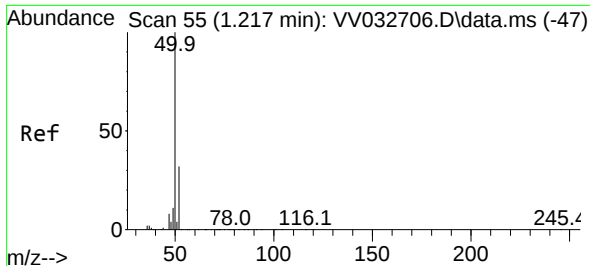
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 28 02:08:41 2023  
Response via : Initial Calibration

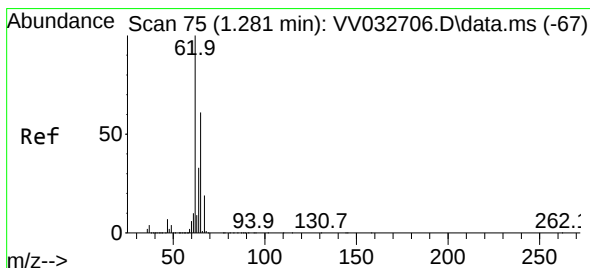
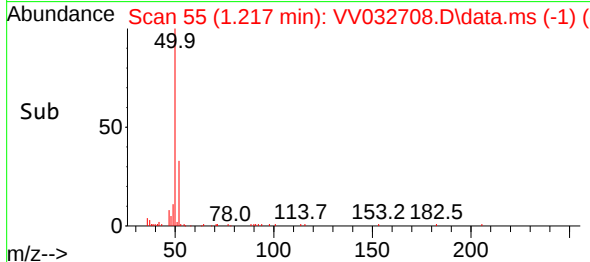
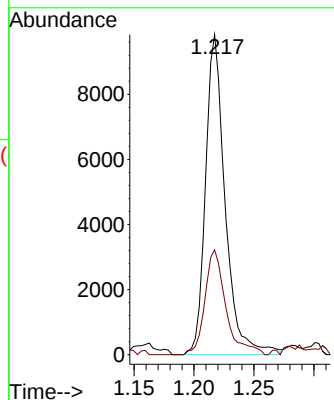
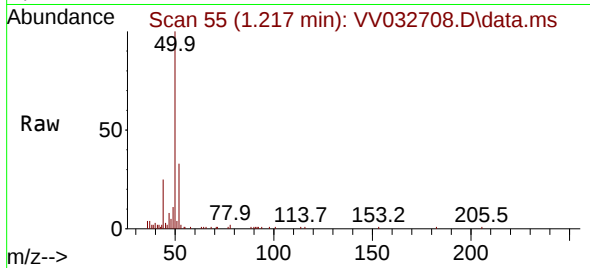




#3  
Chloromethane  
Concen: 0.711 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV032708.D  
Acq: 28 Oct 2023 01:25

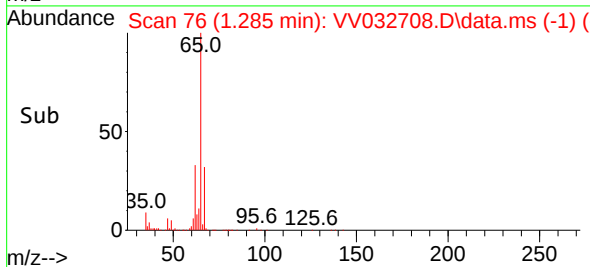
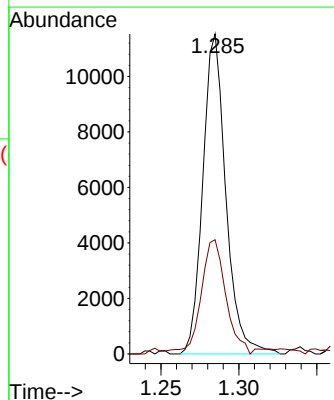
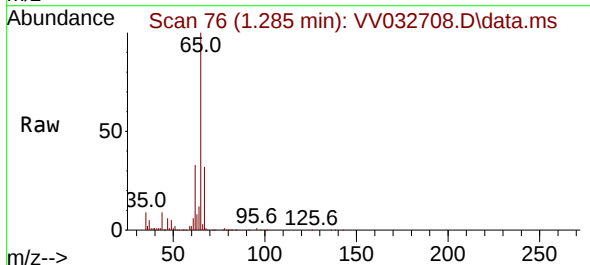
Instrument :  
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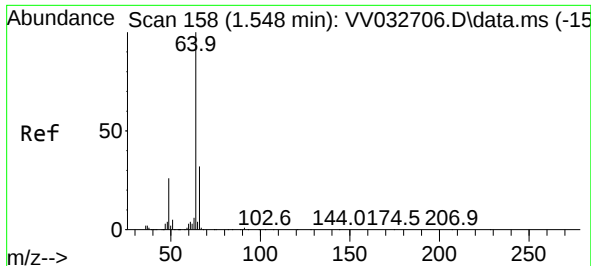
Tgt Ion: 50 Resp: 11216  
Ion Ratio Lower Upper  
50 100  
52 32.8 22.3 41.5



#5  
Vinyl chloride  
Concen: 0.758 ug/L  
RT: 1.285 min Scan# 76  
Delta R.T. 0.003 min  
Lab File: VV032708.D  
Acq: 28 Oct 2023 01:25

Tgt Ion: 62 Resp: 11854  
Ion Ratio Lower Upper  
62 100  
64 35.7 23.2 43.0

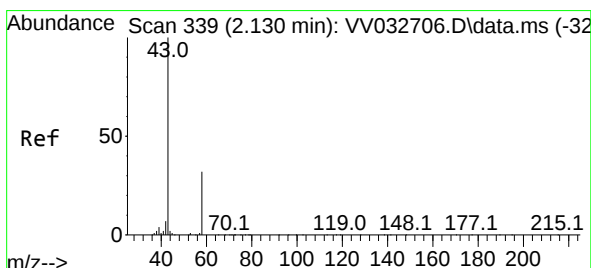
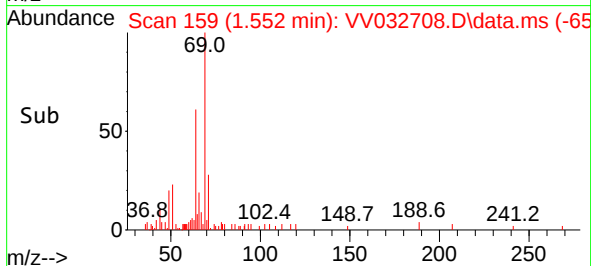
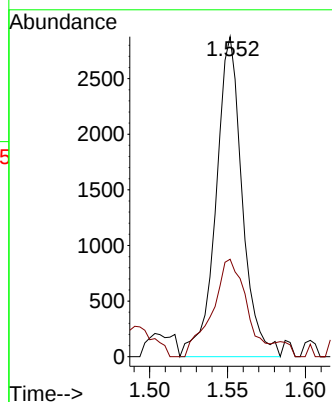
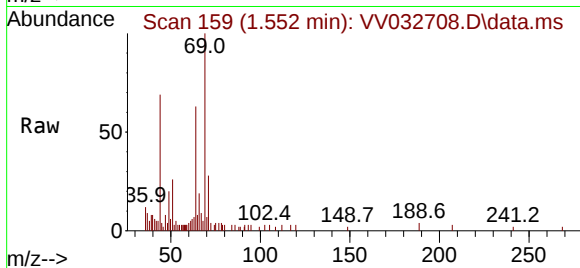




#8  
Chloroethane  
Concen: 0.329 ug/L  
RT: 1.552 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV032708.D  
Acq: 28 Oct 2023 01:25

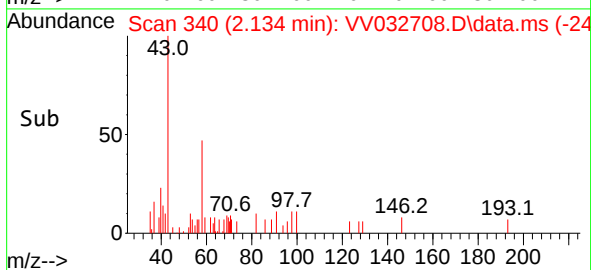
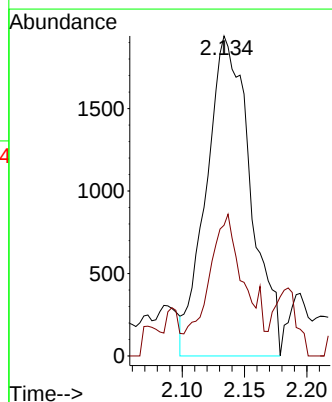
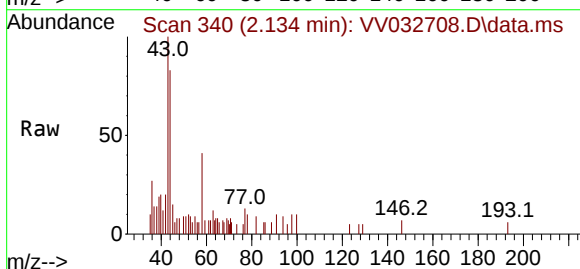
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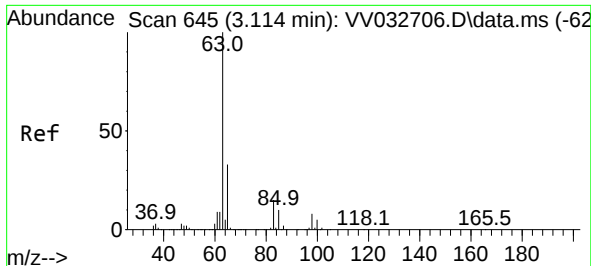
Tgt Ion: 64 Resp: 3370  
Ion Ratio Lower Upper  
64 100  
66 27.1 22.3 41.5



#13  
Acetone  
Concen: 2.101 ug/L  
RT: 2.134 min Scan# 340  
Delta R.T. 0.003 min  
Lab File: VV032708.D  
Acq: 28 Oct 2023 01:25

Tgt Ion: 43 Resp: 4790  
Ion Ratio Lower Upper  
43 100  
58 32.4 0.0 50.6





#19

1,1-Dichloroethane

Concen: 1.470 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV032708.D

Acq: 28 Oct 2023 01:25

Instrument :

MSVOA\_V

ClientSampleId :

A49P1

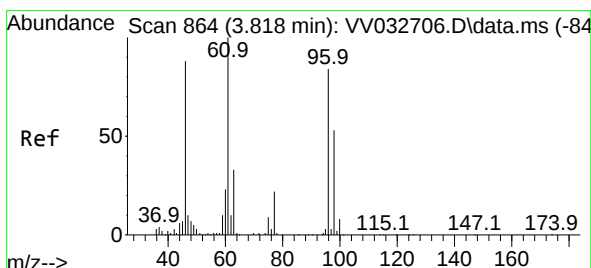
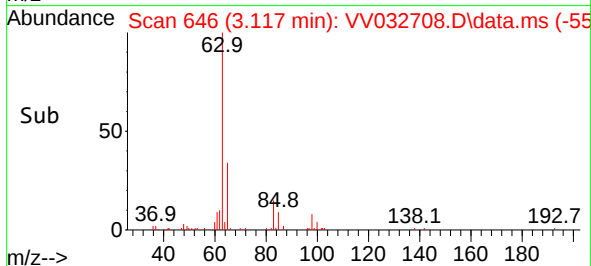
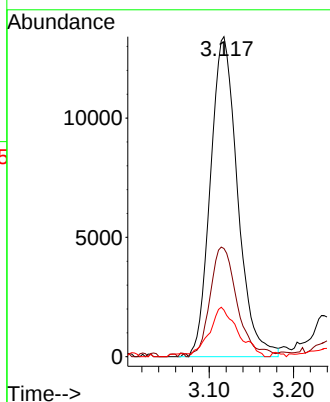
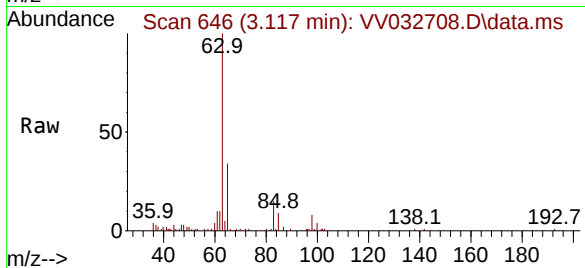
Tgt Ion: 63 Resp: 29987

Ion Ratio Lower Upper

63 100

65 33.8 21.5 39.9

83 14.6 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 3.896 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV032708.D

Acq: 28 Oct 2023 01:25

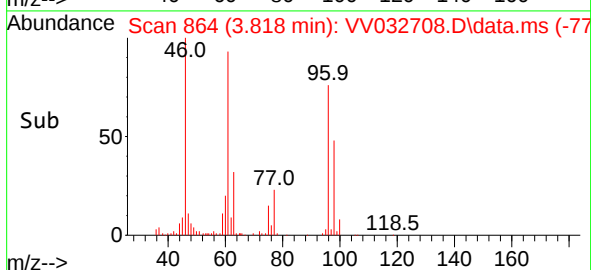
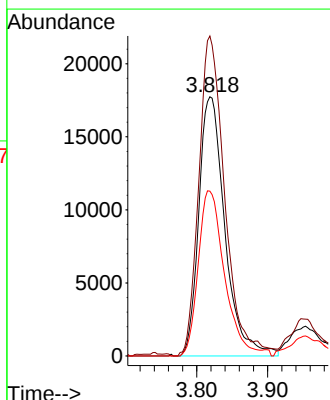
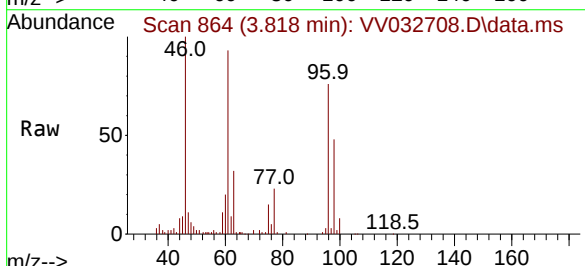
Tgt Ion: 96 Resp: 45456

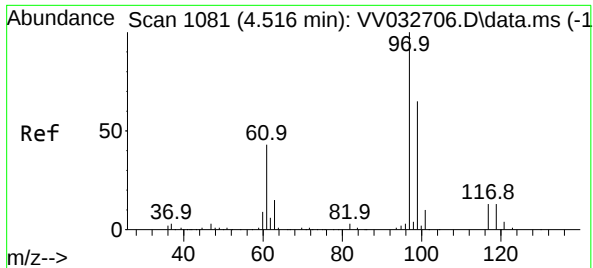
Ion Ratio Lower Upper

96 100

61 123.4 87.7 162.9

98 63.6 45.0 83.6





#29  
 1,1,1-Trichloroethane  
 Concen: 3.561 ug/L  
 RT: 4.516 min Scan# 10  
 Delta R.T. 0.000 min  
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Tgt Ion: 97 Resp: 68197

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.5  | 51.4  | 77.0  |
| 61  | 45.0  | 36.1  | 54.1  |

