

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092021\  
 Data File : VV022222.D  
 Acq On : 20 Sep 2021 11:06  
 Operator : SY/MD  
 Sample : M3787-02DL 5X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 21 04:42:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 21 04:41:26 2021  
 Response via : Initial Calibration

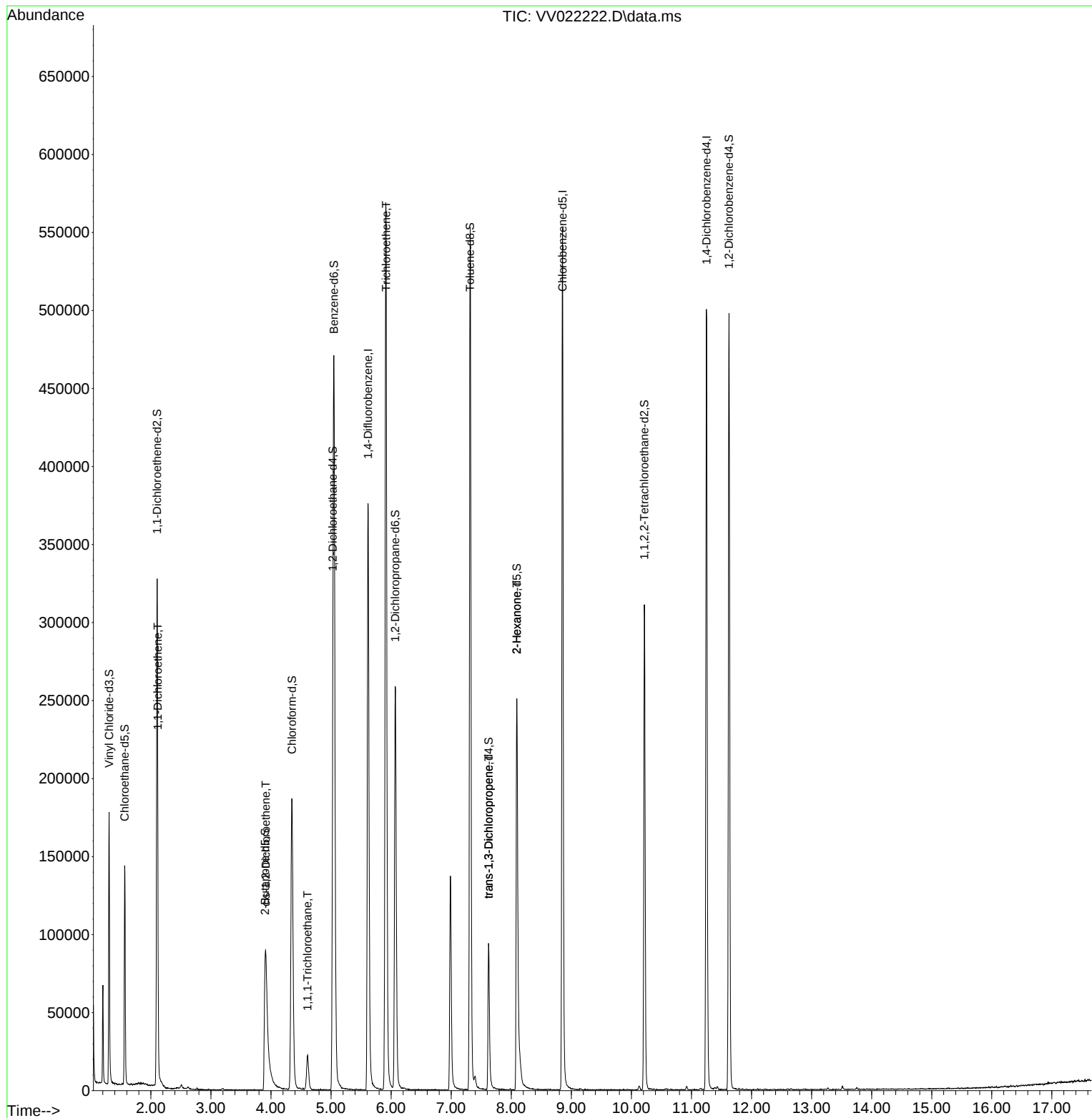
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114   | 332429   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 313657   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 135953   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 113573   | 49.334   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 98.660%  |
| 7) Chloroethane-d5            | 1.565   | 69    | 88692    | 49.334   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 98.660%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 163132   | 42.847   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.700%  |
| 21) 2-Butanone-d5             | 3.902   | 46    | 153547   | 97.254   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 97.250%  |
| 24) Chloroform-d              | 4.349   | 84    | 199101   | 47.431   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.031   | 65    | 123715   | 50.036   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.080% |
| 32) Benzene-d6                | 5.050   | 84    | 413552   | 48.611   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.220%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 130967   | 48.951   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 97.900%  |
| 41) Toluene-d8                | 7.317   | 98    | 369142   | 45.966   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.940%  |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 54855    | 43.077   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.160%  |
| 47) 2-Hexanone-d5             | 8.092   | 63    | 89363    | 87.050   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 87.050%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84    | 149119   | 43.519   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 87.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152   | 131429   | 49.175   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 98.340%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.114   | 96    | 11779    | 6.143    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.912   | 96    | 16648    | 6.452    | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 4.609   | 97    | 17107    | 4.589    | ug/L   | 97       |
| 34) Trichloroethene           | 5.915   | 95    | 193984   | 75.045   | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.622   | 75    | 2461     | 0.724    | ug/L   | 90       |
| 48) 2-Hexanone                | 8.092   | 43    | 11268    | 4.528    | ug/L # | 57       |
| -----                         |         |       |          |          |        |          |

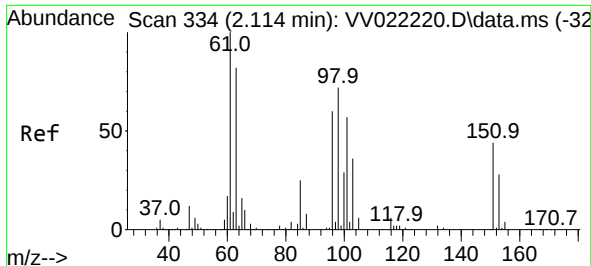
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092021\  
Data File : VV02222.D  
Acq On : 20 Sep 2021 11:06  
Operator : SY/MD  
Sample : M3787-02DL 5X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Sep 21 04:42:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Sep 21 04:41:26 2021  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.143 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV022222.D

Acq: 20 Sep 2021 11:06

Tgt Ion: 96 Resp: 11779

Ion Ratio Lower Upper

96 100

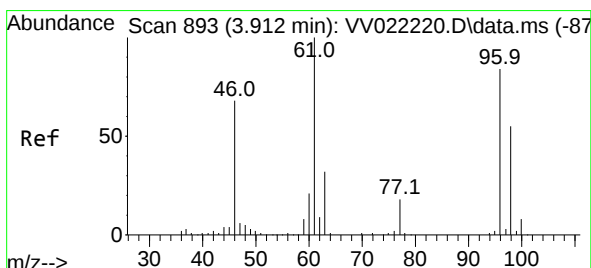
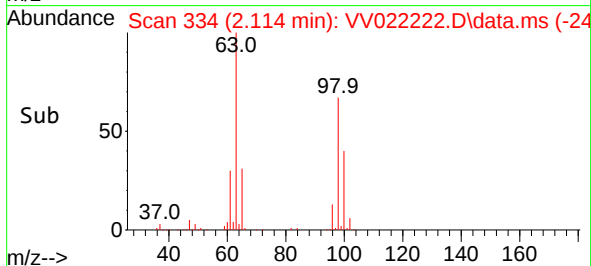
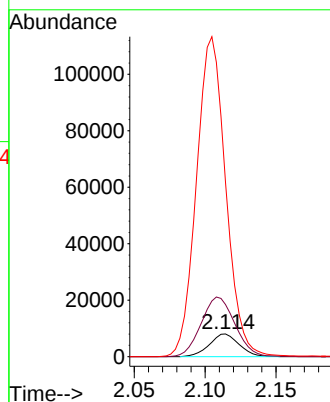
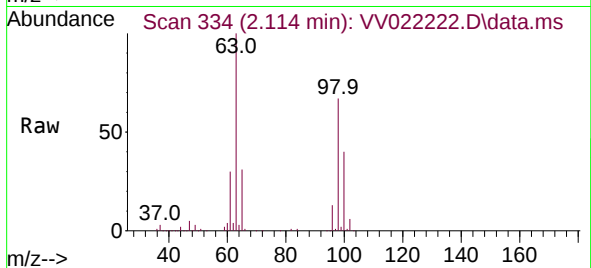
61 229.2 113.2 210.2#

63 767.8 102.3 189.9#

Instrument :

MSVOA\_V

ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 6.452 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.000 min

Lab File: VV022222.D

Acq: 20 Sep 2021 11:06

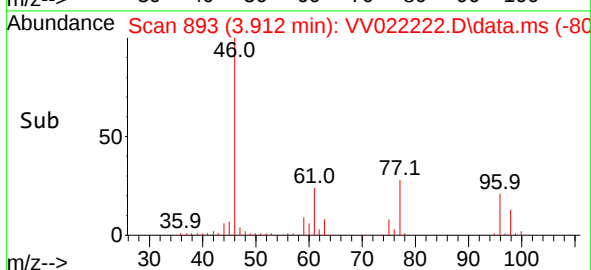
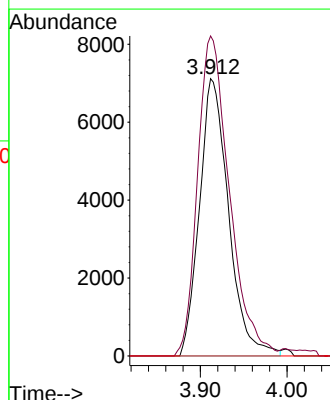
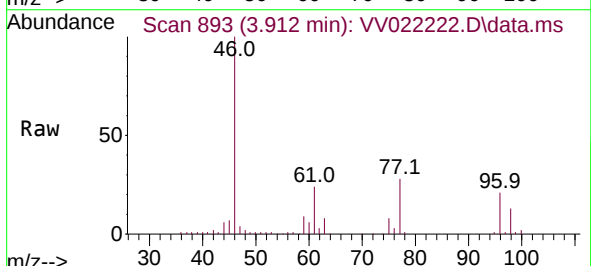
Tgt Ion: 96 Resp: 16648

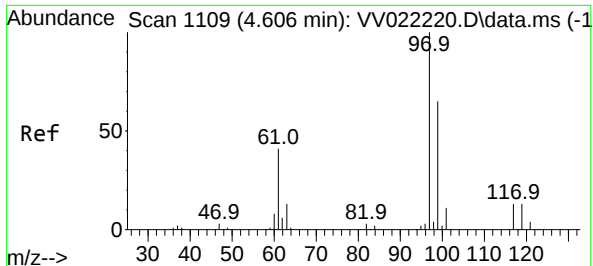
Ion Ratio Lower Upper

96 100

61 115.4 81.8 152.0

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 4.589 ug/L

RT: 4.609 min Scan# 1110

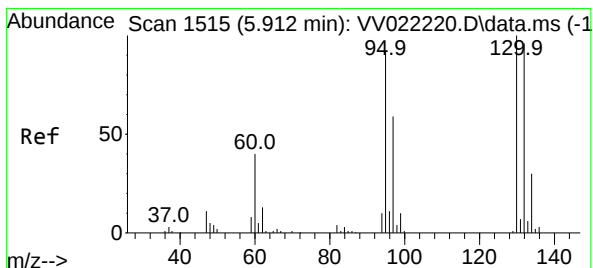
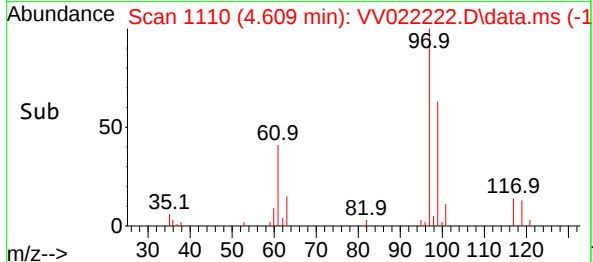
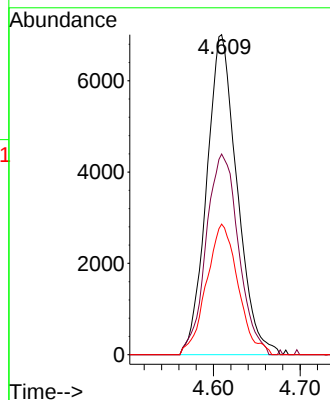
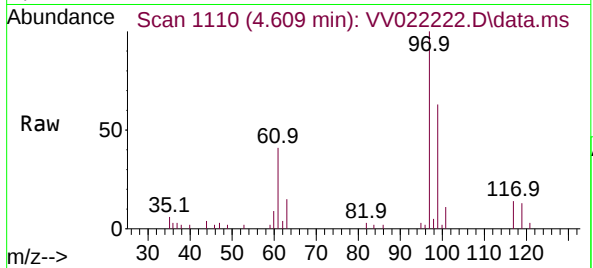
Delta R.T. 0.003 min

Lab File: VV022222.D

Acq: 20 Sep 2021 11:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 17107 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 66.8  | 52.0  | 78.0  |
| 61       | 41.7  | 31.8  | 47.8  |

Instrument :  
MSVOA\_V  
ClientSampleId :



#34

Trichloroethene

Concen: 75.045 ug/L

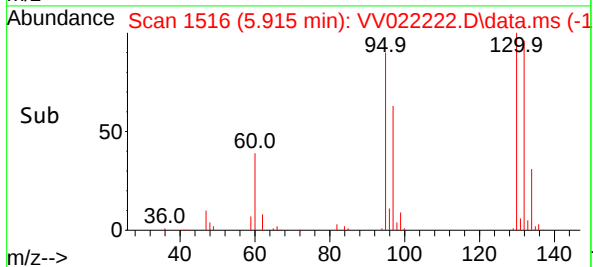
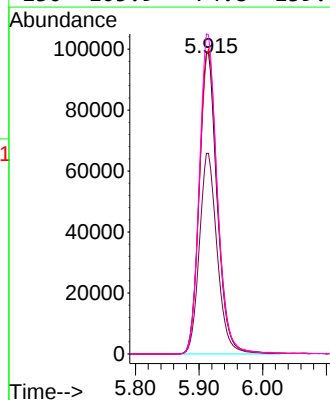
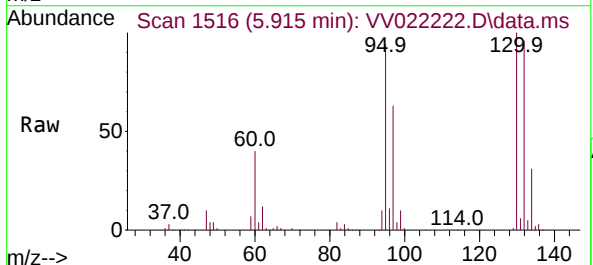
RT: 5.915 min Scan# 1516

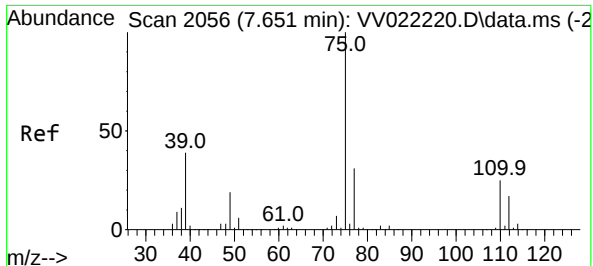
Delta R.T. 0.003 min

Lab File: VV022222.D

Acq: 20 Sep 2021 11:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 193984 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 66.6  | 44.1  | 81.9   |
| 132      | 101.1 | 70.7  | 131.3  |
| 130      | 105.9 | 74.8  | 139.0  |

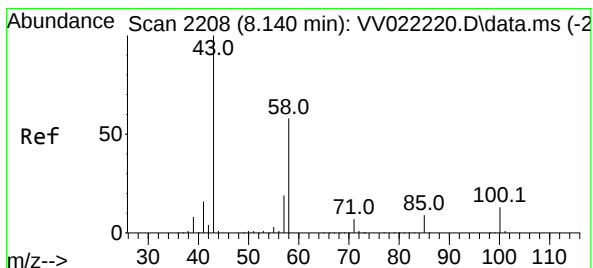
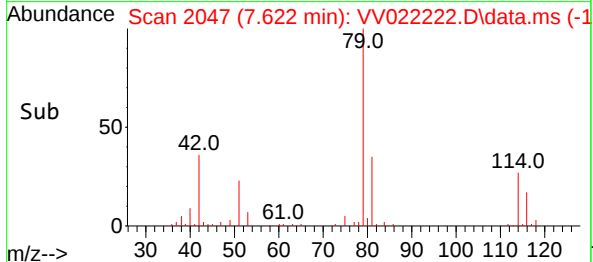
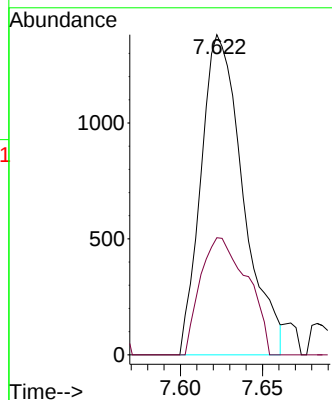
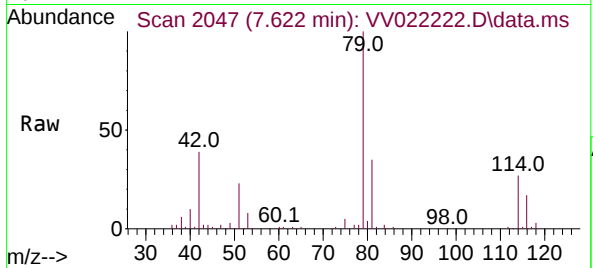




#44  
trans-1,3-Dichloropropene  
Concen: 0.724 ug/L  
RT: 7.622 min Scan# 2047  
Delta R.T. -0.029 min  
Lab File: VV022222.D  
Acq: 20 Sep 2021 11:06

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 75 Resp: 2461  
Ion Ratio Lower Upper  
75 100  
77 36.6 21.8 40.6



#48  
2-Hexanone  
Concen: 4.528 ug/L  
RT: 8.092 min Scan# 2193  
Delta R.T. -0.048 min  
Lab File: VV022222.D  
Acq: 20 Sep 2021 11:06

Tgt Ion: 43 Resp: 11268  
Ion Ratio Lower Upper  
43 100  
58 18.3 47.5 71.3#  
57 25.9 15.9 23.9#  
100 0.4 11.4 17.2#

