

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092024\  
 Data File : VV037454.D  
 Acq On : 21 Sep 2024 00:55  
 Operator : SY/MD  
 Sample : P4107-05  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 21 04:54:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 21 01:15:22 2024  
 Response via : Initial Calibration

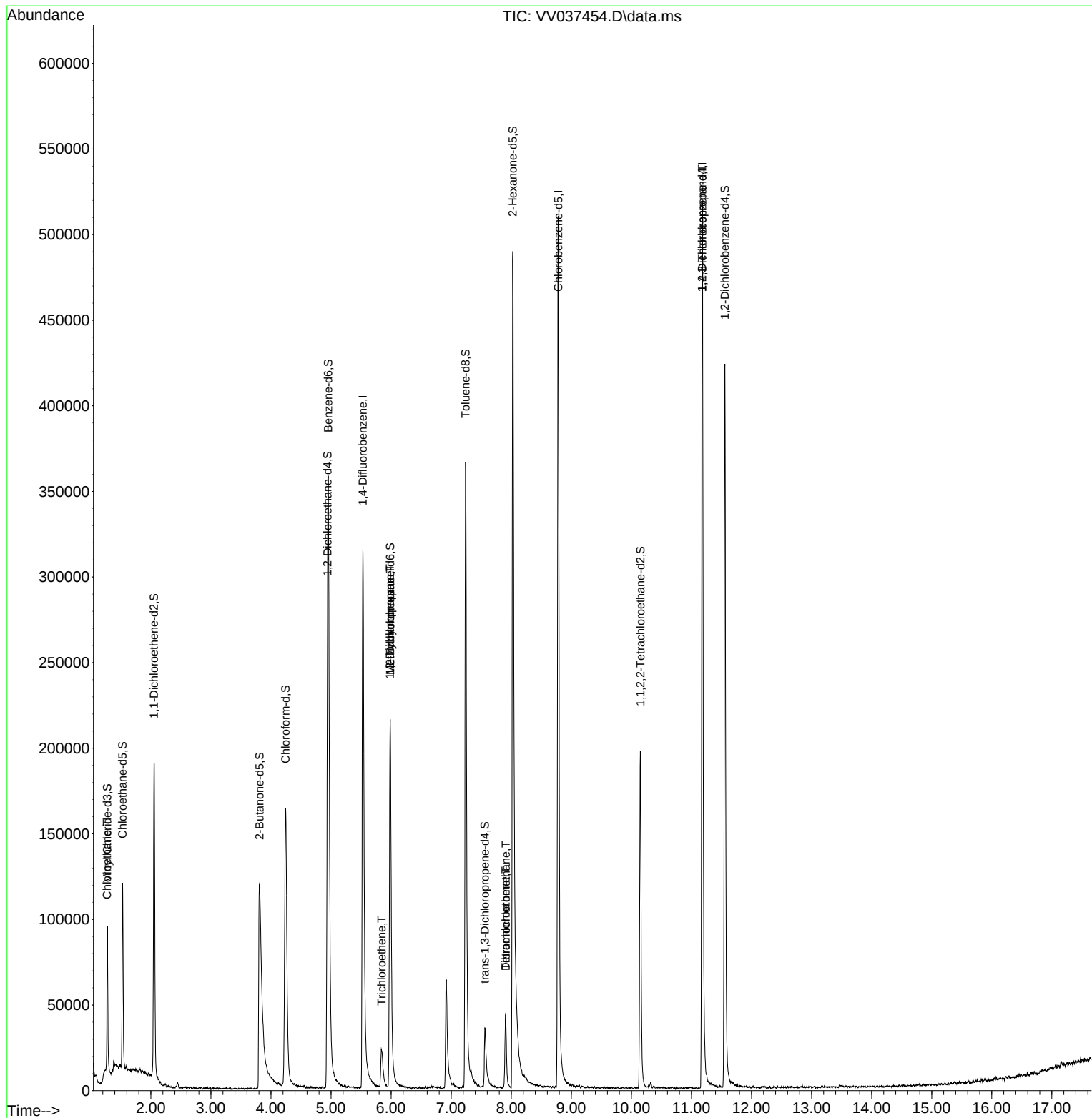
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114            | 298859   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117            | 309923   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152            | 142014   | 5.000  | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65             | 55245    | 3.151  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 63.000% |          |
| 7) Chloroethane-d5            | 1.529  | 69             | 69572    | 3.806  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 76.200% |          |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65             | 30868    | 3.409  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 68.200% |          |
| 20) 2-Butanone-d5             | 3.809  | 46             | 258506   | 49.334 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 98.660% |          |
| 24) Chloroform-d              | 4.243  | 84             | 182838   | 4.295  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65             | 91820    | 4.607  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.200% |          |
| 32) Benzene-d6                | 4.953  | 84             | 333661   | 4.015  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.400% |          |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67             | 115044   | 4.452  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 89.000% |          |
| 41) Toluene-d8                | 7.240  | 98             | 268008   | 3.580  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 71.600% |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 26850    | 3.159  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 63.200% |          |
| 46) 2-Hexanone-d5             | 8.024  | 63             | 195493   | 47.073 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.140% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84             | 101890   | 4.838  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152            | 115966   | 4.593  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 91.800% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 8) Chloroethane               | 1.272  | 64             | 1763     | 0.101  | ug/L    | 89       |
| 34) Trichloroethene           | 5.841  | 95             | 10084    | 0.401  | ug/L    | 95       |
| 35) Methylcyclohexane         | 5.986  | 83             | 27937    | 0.730  | ug/L #  | 19       |
| 37) 1,2-Dichloropropane       | 5.982  | 63             | 12362    | 0.520  | ug/L #  | 88       |
| 47) Tetrachloroethene         | 7.905  | 164            | 10438    | 0.580  | ug/L    | 94       |
| 49) Dibromochloromethane      | 7.908  | 129            | 9591     | 0.538  | ug/L #  | 10       |
| 61) 1,2,3-Trichloropropane    | 11.182 | 75             | 18384    | 1.423  | ug/L #  | 66       |

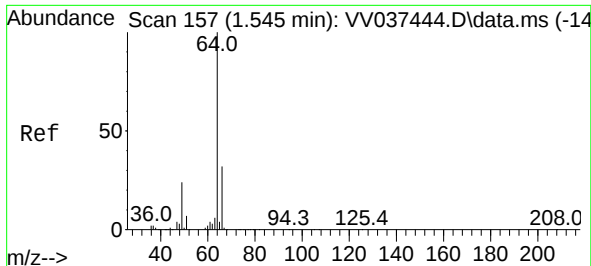
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Sep 21 04:54:11 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Sep 21 01:15:22 2024  
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.101 ug/L

RT: 1.272 min Scan# 71

Delta R.T. -0.273 min MSVOA\_V

Lab File: VV037454.D

Acq: 21 Sep 2024 00:55

Instrument :

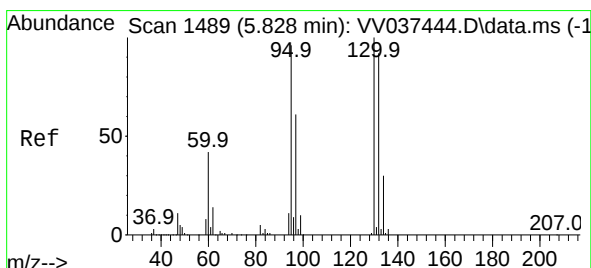
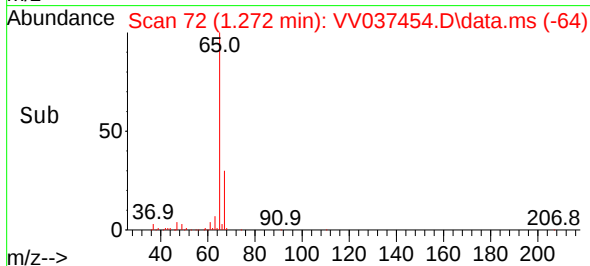
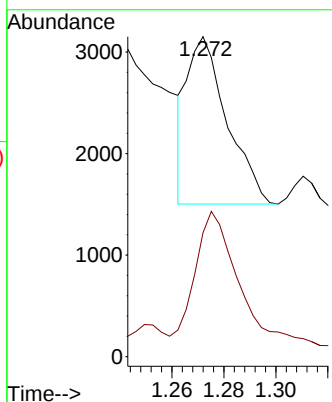
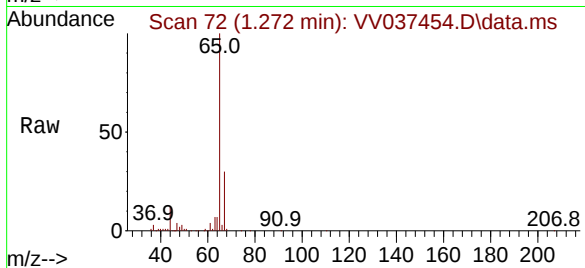
ClientSampleId :

Tgt Ion: 64 Resp: 1763

Ion Ratio Lower Upper

64 100

66 38.7 22.7 42.1



#34

Trichloroethene

Concen: 0.401 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.013 min

Lab File: VV037454.D

Acq: 21 Sep 2024 00:55

Tgt Ion: 95 Resp: 10084

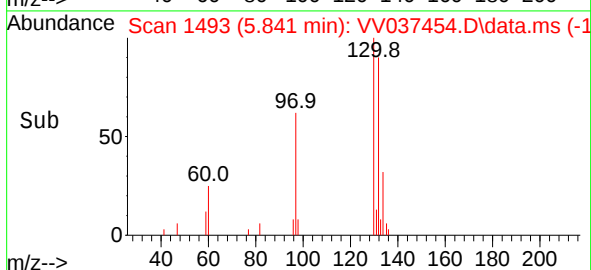
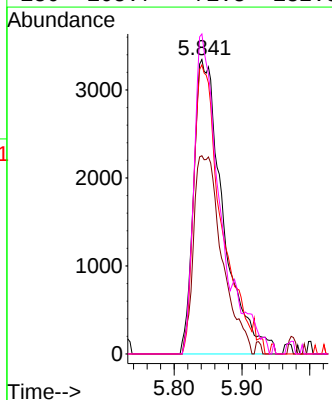
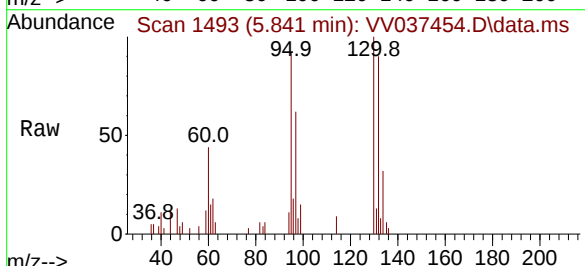
Ion Ratio Lower Upper

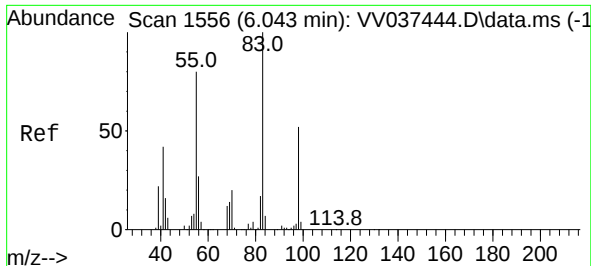
95 100

97 67.3 46.5 86.5

132 98.2 65.5 121.7

130 108.7 71.3 132.3





#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037454.D

Acq: 21 Sep 2024 00:55

Instrument :

MSVOA\_V

ClientSampleId :

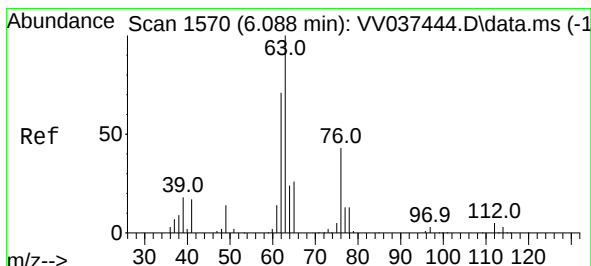
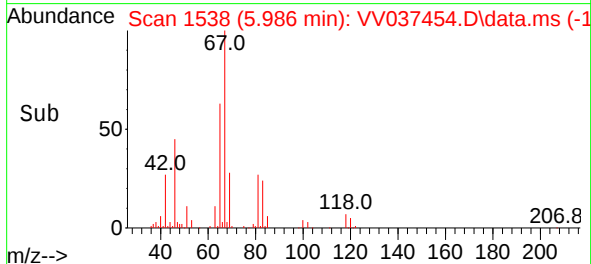
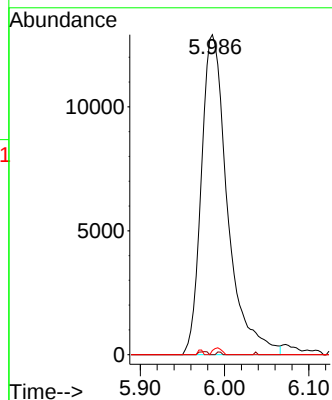
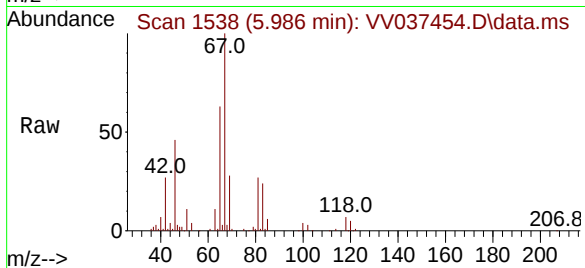
Tgt Ion: 83 Resp: 27937

Ion Ratio Lower Upper

83 100

55 0.1 60.3 90.5#

98 0.7 38.2 57.4#



#37

1,2-Dichloropropane

Concen: 0.520 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.106 min

Lab File: VV037454.D

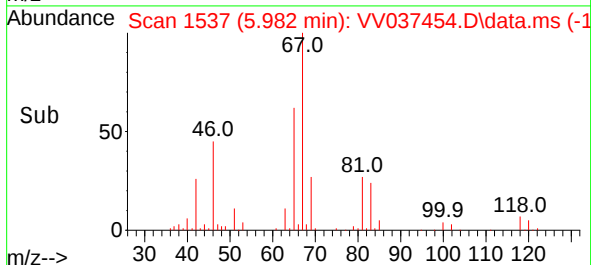
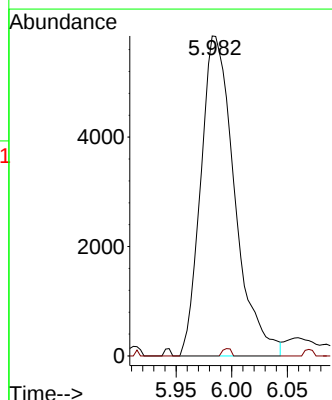
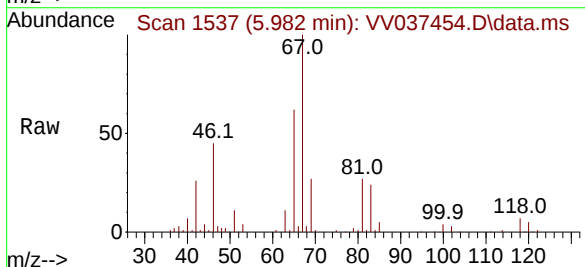
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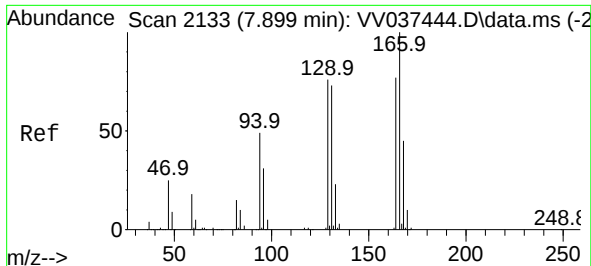
Tgt Ion: 63 Resp: 12362

Ion Ratio Lower Upper

63 100

112 0.6 3.7 5.5#

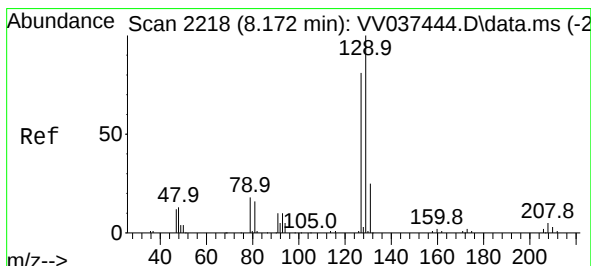
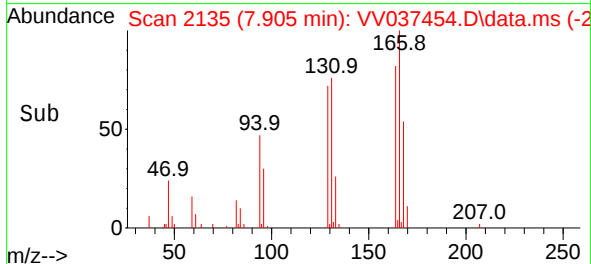
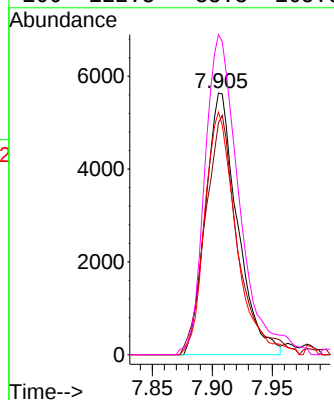
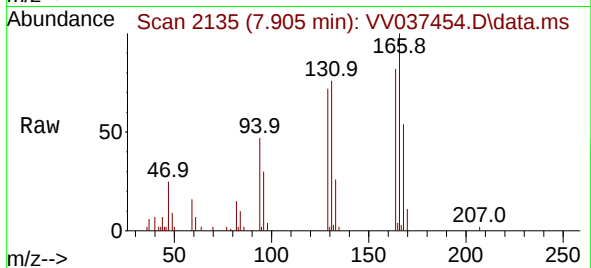




#47  
Tetrachloroethene  
Concen: 0.580 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. 0.007 min  
Lab File: VV037454.D  
Acq: 21 Sep 2024 00:55

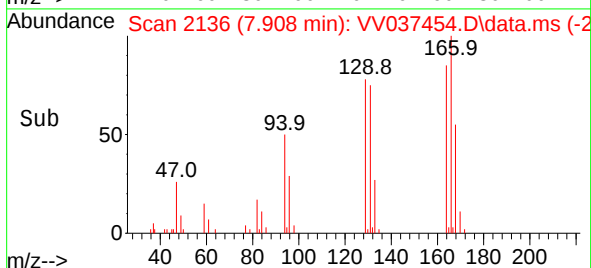
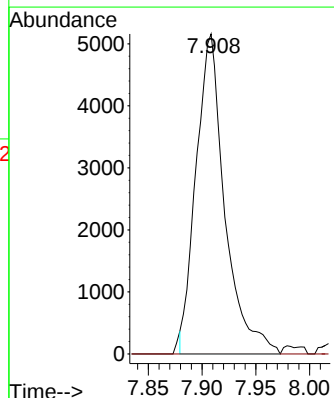
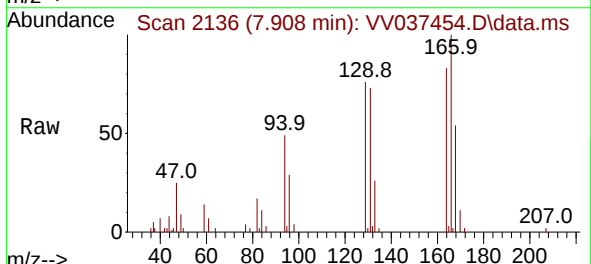
Instrument :  
MSVOA\_V  
ClientSampleId :

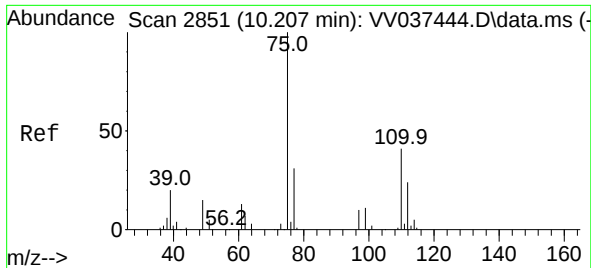
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 10438 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 129       | 88.6  | 69.2  | 128.4 |
| 131       | 92.7  | 66.6  | 123.8 |
| 166       | 122.3 | 88.8  | 165.0 |



#49  
Dibromochloromethane  
Concen: 0.538 ug/L  
RT: 7.908 min Scan# 2136  
Delta R.T. -0.264 min  
Lab File: VV037454.D  
Acq: 21 Sep 2024 00:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 129   | Resp: | 9591   |
| Ion Ratio | Lower | Upper |        |
| 129       | 100   |       |        |
| 127       | 0.0   | 54.5  | 101.1# |





#61

1,2,3-Trichloropropane

Concen: 1.423 ug/L

RT: 11.182 min Scan# 31

Delta R.T. 0.974 min

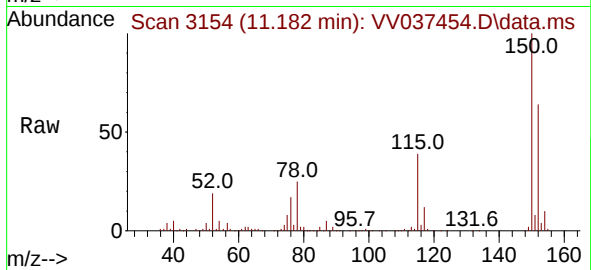
Lab File: VV037454.D

Acq: 21 Sep 2024 00:55

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 75 Resp: 18384

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

110 1.3 31.0 46.4#

