

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092024\  
 Data File : VV037432.D  
 Acq On : 20 Sep 2024 15:01  
 Operator : SY/MD  
 Sample : P3990-06  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 20 23:36:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 20 23:32:27 2024  
 Response via : Initial Calibration

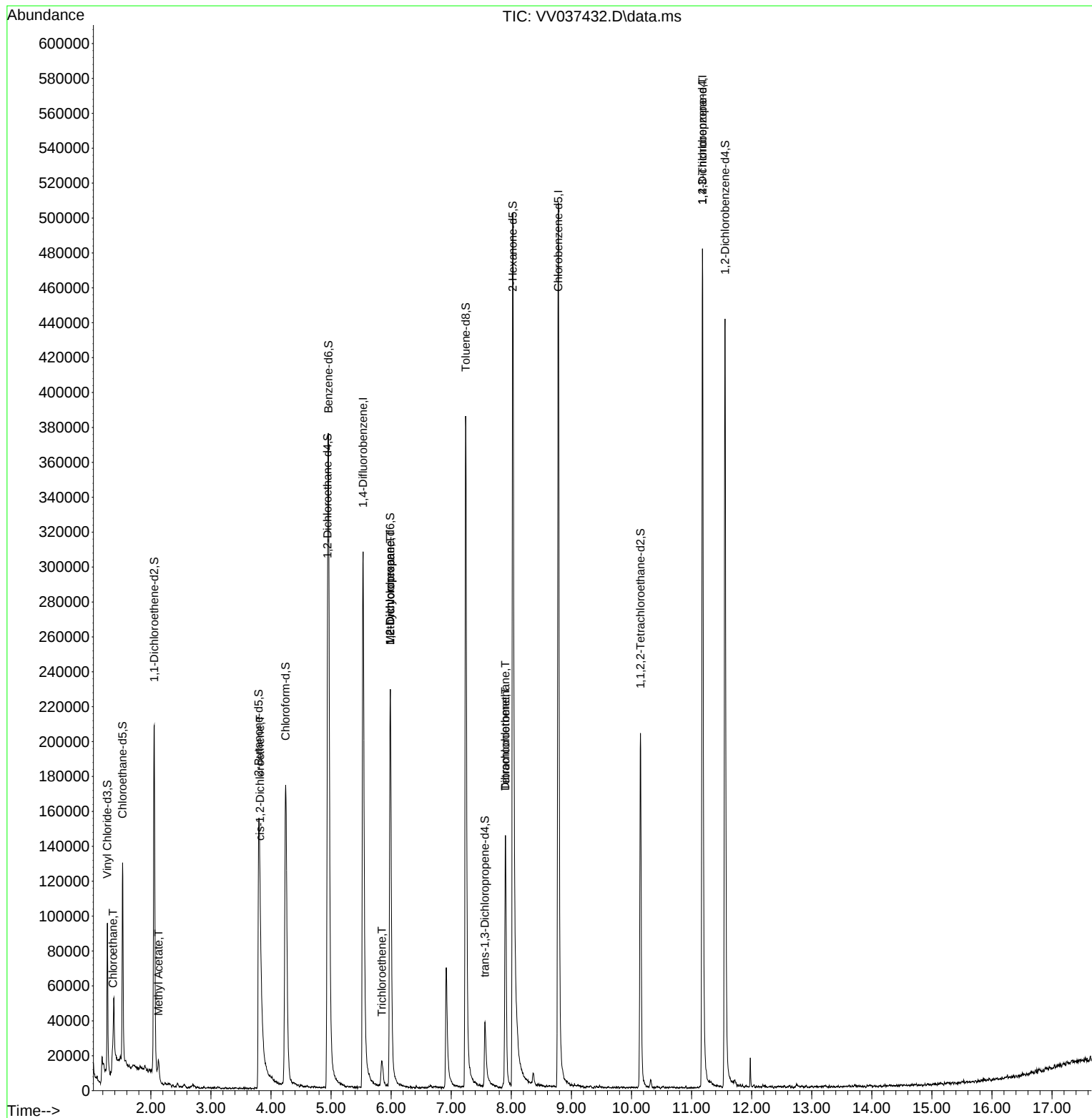
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 293274   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 303853   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 136268   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 54615    | 3.174    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 63.400%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 73286    | 4.085    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 32163    | 3.620    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.400%  |
| 20) 2-Butanone-d5             | 3.796  | 46    | 251635   | 48.937   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 97.880%  |
| 24) Chloroform-d              | 4.243  | 84    | 194847   | 4.664    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 93887    | 4.800    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.000%  |
| 32) Benzene-d6                | 4.957  | 84    | 349280   | 4.287    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 119859   | 4.731    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.600%  |
| 41) Toluene-d8                | 7.240  | 98    | 280166   | 3.817    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 27154    | 3.258    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 65.200%  |
| 46) 2-Hexanone-d5             | 8.024  | 63    | 199712   | 49.049   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 105275   | 5.098    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 117106   | 4.834    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 8) Chloroethane               | 1.372  | 64    | 51552    | 3.001    | ug/L # | 53       |
| 15) Methyl Acetate            | 2.127  | 43    | 11242    | 1.371    | ug/L # | 49       |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96    | 3461     | 0.148    | ug/L   | 85       |
| 34) Trichloroethene           | 5.847  | 95    | 6243     | 0.253    | ug/L   | 94       |
| 35) Methylcyclohexane         | 5.986  | 83    | 29096    | 0.776    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 5.986  | 63    | 13351    | 0.573    | ug/L # | 87       |
| 47) Tetrachloroethene         | 7.902  | 164   | 33631    | 1.905    | ug/L   | 98       |
| 49) Dibromochloromethane      | 7.902  | 129   | 32553    | 1.864    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.182 | 75    | 16094    | 1.298    | ug/L # | 61       |
| -----                         |        |       |          |          |        |          |

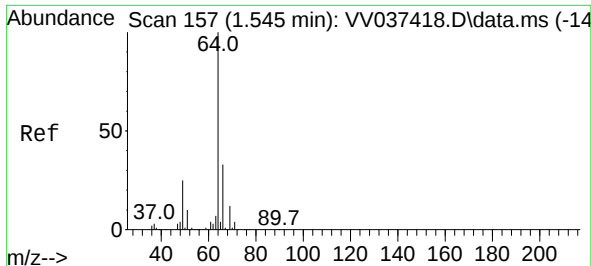
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_V  
ClientSampleId :

Quant Time: Sep 20 23:36:32 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Sep 20 23:32:27 2024  
Response via : Initial Calibration

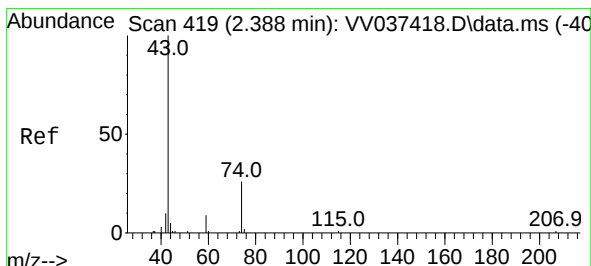
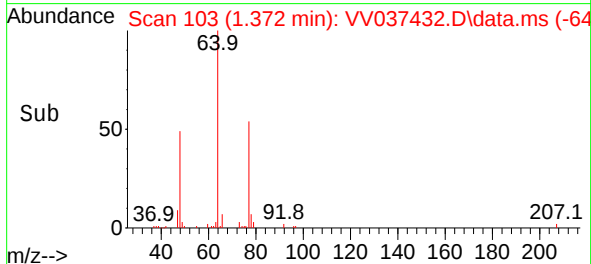
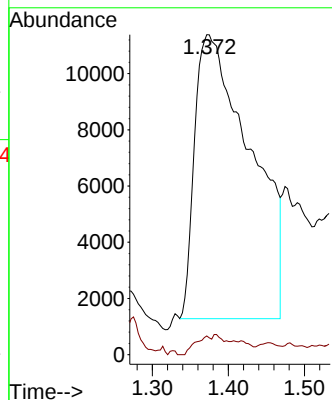
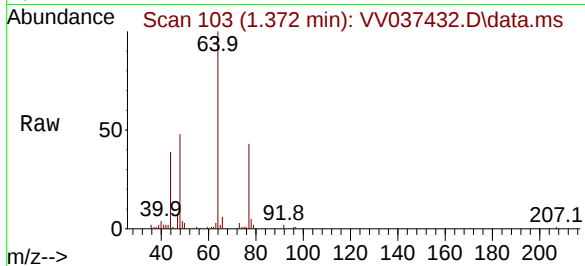




#8  
Chloroethane  
Concen: 3.001 ug/L  
RT: 1.372 min Scan# 103  
Delta R.T. -0.174 min  
Lab File: VV037432.D  
Acq: 20 Sep 2024 15:01

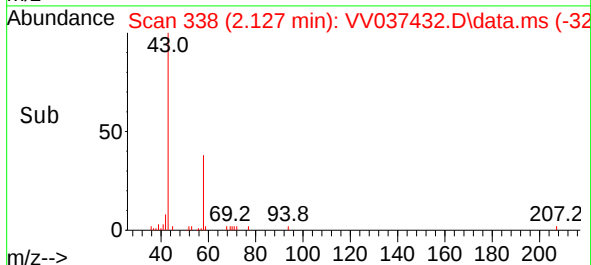
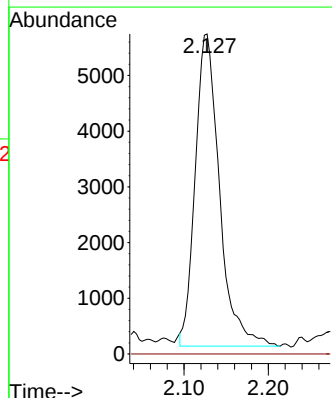
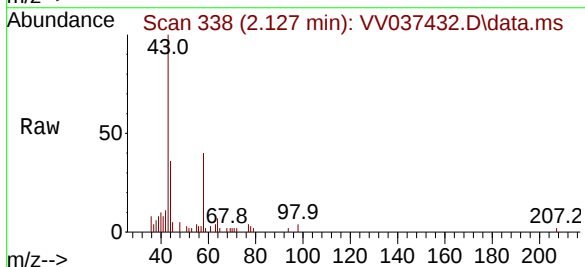
Instrument :  
MSVOA\_V  
ClientSampleId :

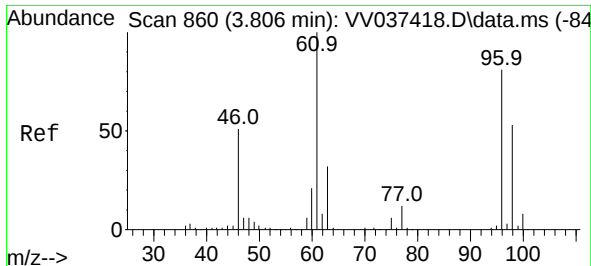
Tgt Ion: 64 Resp: 51552  
Ion Ratio Lower Upper  
64 100  
66 5.8 22.7 42.1#



#15  
Methyl Acetate  
Concen: 1.371 ug/L  
RT: 2.127 min Scan# 338  
Delta R.T. -0.260 min  
Lab File: VV037432.D  
Acq: 20 Sep 2024 15:01

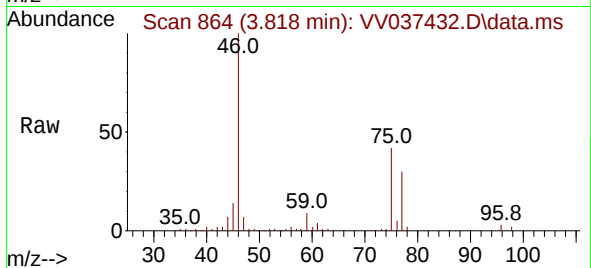
Tgt Ion: 43 Resp: 11242  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.0 31.4#



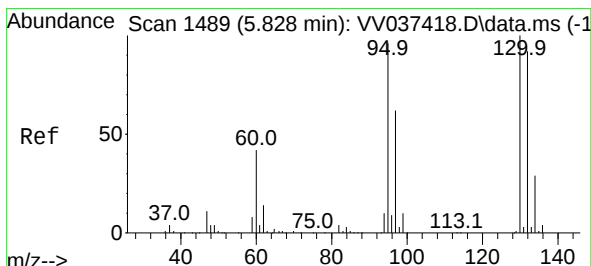
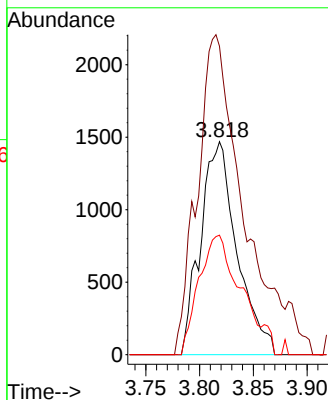
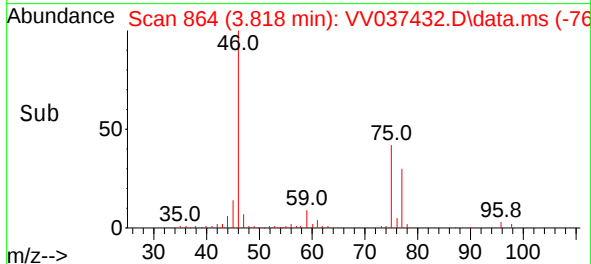


#22  
cis-1,2-Dichloroethene  
Concen: 0.148 ug/L  
RT: 3.818 min Scan# 860  
Delta R.T. 0.013 min  
Lab File: VV037432.D  
Acq: 20 Sep 2024 15:01

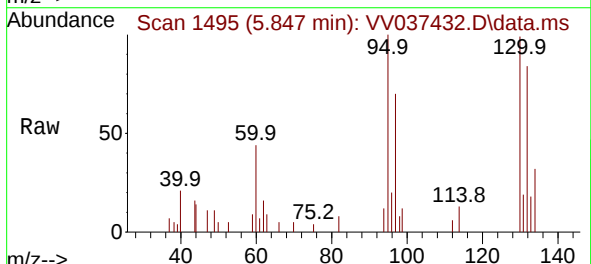
Instrument :  
MSVOA\_V  
ClientSampleId :



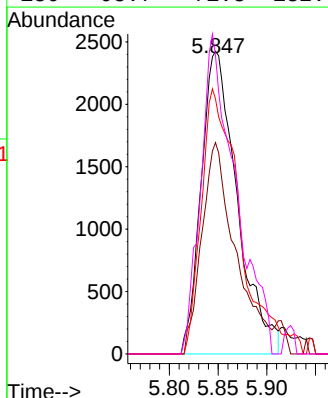
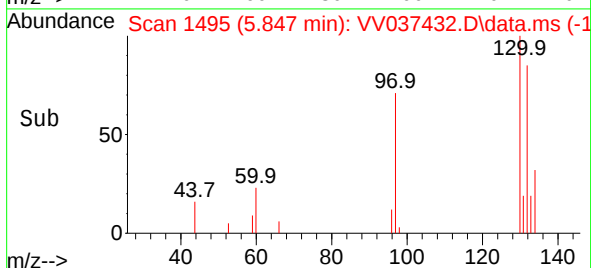
Tgt Ion: 96 Resp: 3461  
Ion Ratio Lower Upper  
96 100  
61 144.9 87.6 162.6  
98 56.2 44.9 83.5

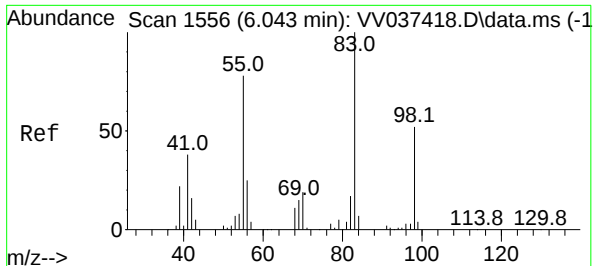


#34  
Trichloroethene  
Concen: 0.253 ug/L  
RT: 5.847 min Scan# 1495  
Delta R.T. 0.019 min  
Lab File: VV037432.D  
Acq: 20 Sep 2024 15:01



Tgt Ion: 95 Resp: 6243  
Ion Ratio Lower Upper  
95 100  
97 69.8 46.5 86.5  
132 84.3 65.5 121.7  
130 98.7 71.3 132.3





#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037432.D

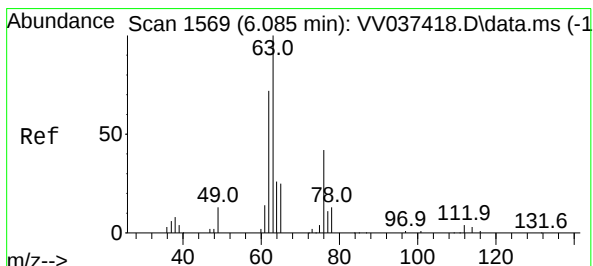
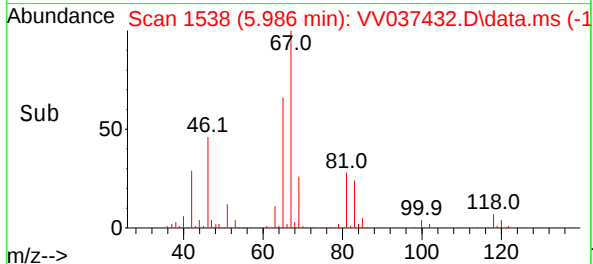
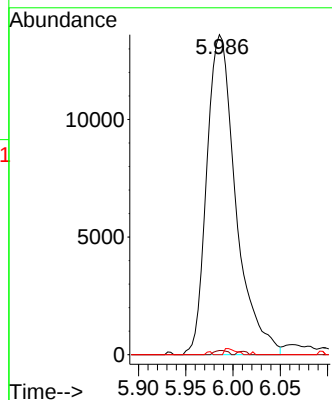
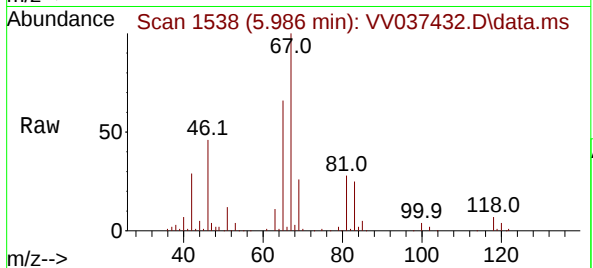
Acq: 20 Sep 2024 15:01

Instrument :

MSVOA\_V

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 29096 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 0.6   | 60.3  | 90.5# |
| 98        | 0.7   | 38.2  | 57.4# |



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

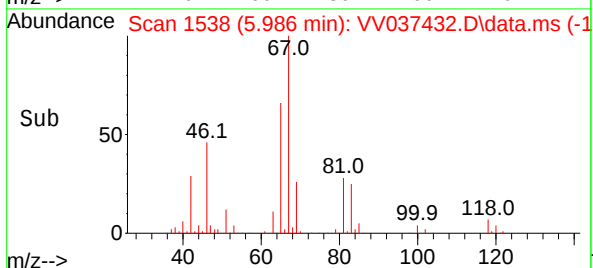
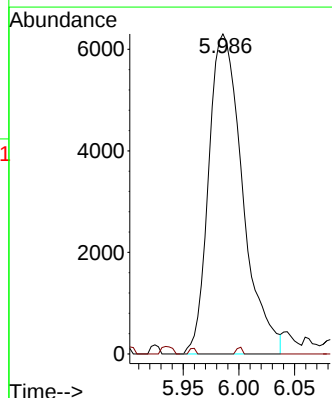
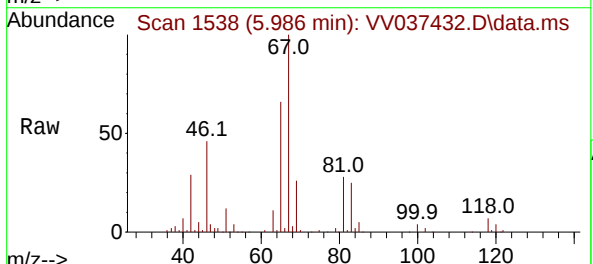
RT: 5.986 min Scan# 1538

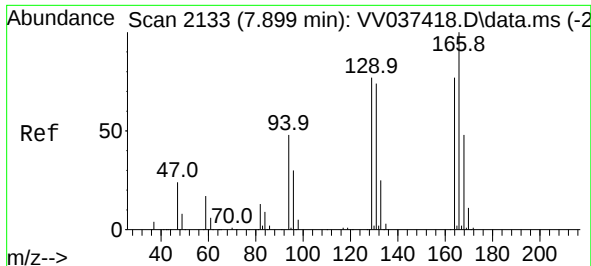
Delta R.T. -0.100 min

Lab File: VV037432.D

Acq: 20 Sep 2024 15:01

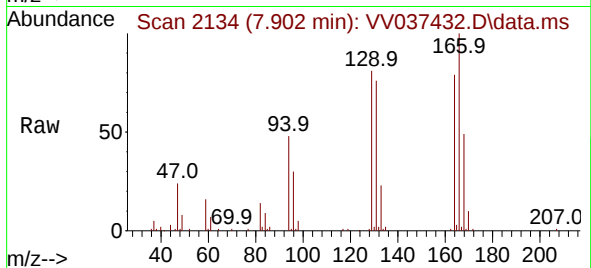
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 13351 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 112       | 0.3   | 3.7   | 5.5#  |



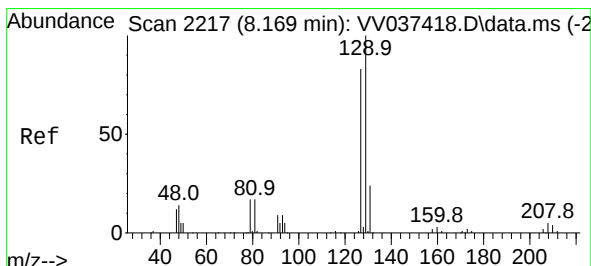
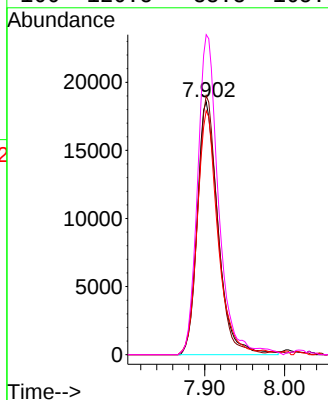
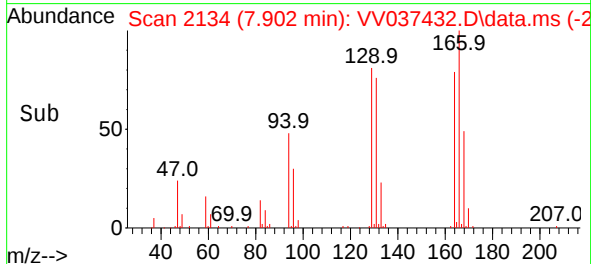


#47  
Tetrachloroethene  
Concen: 1.905 ug/L  
RT: 7.902 min Scan# 2134  
Delta R.T. 0.003 min  
Lab File: VV037432.D  
Acq: 20 Sep 2024 15:01

Instrument :  
MSVOA\_V  
ClientSampleId :

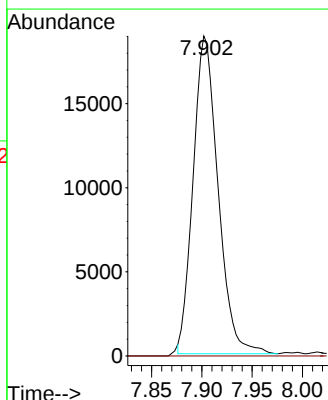
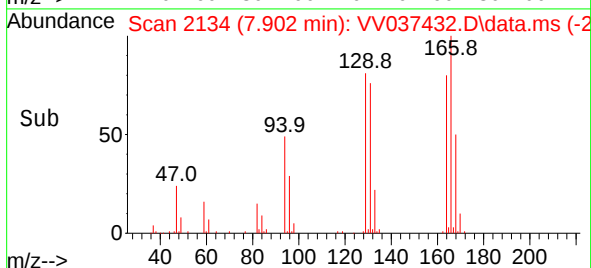
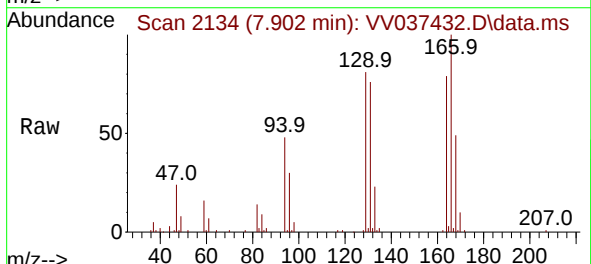


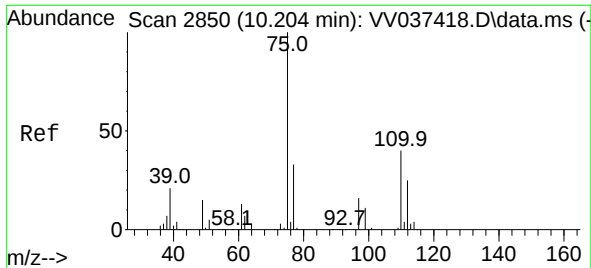
Tgt Ion:164 Resp: 33631  
Ion Ratio Lower Upper  
164 100  
129 102.5 69.2 128.4  
131 96.5 66.6 123.8  
166 126.5 88.8 165.0



#49  
Dibromochloromethane  
Concen: 1.864 ug/L  
RT: 7.902 min Scan# 2134  
Delta R.T. -0.267 min  
Lab File: VV037432.D  
Acq: 20 Sep 2024 15:01

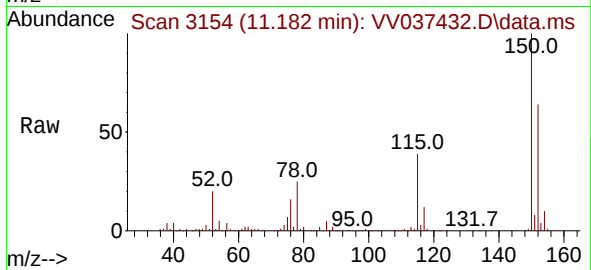
Tgt Ion:129 Resp: 32553  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.5 101.1#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.298 ug/L  
 RT: 11.182 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV037432.D  
 Acq: 20 Sep 2024 15:01

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 16094    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 38.2 25.6 38.4 |
| 110         | 1.4 31.0 46.4# |

