

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041524\  
 Data File : VV035208.D  
 Acq On : 15 Apr 2024 19:42  
 Operator : SY/MD  
 Sample : P2057-19DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 16 01:49:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR041524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 16 00:33:27 2024  
 Response via : Initial Calibration

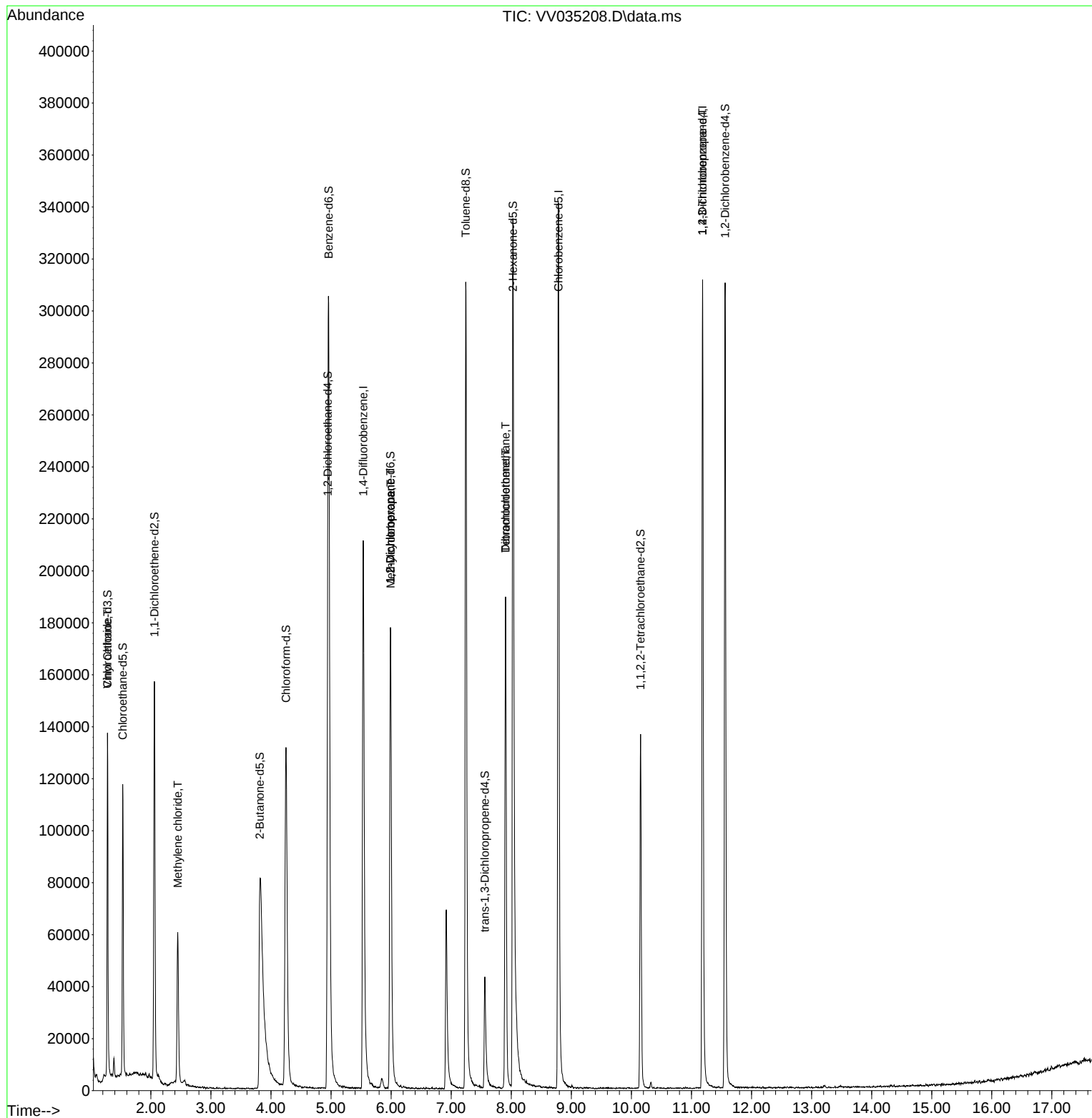
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 183767   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 189899   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 81576    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 85351    | 4.960    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 99.200%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 72308    | 5.409    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 108.200% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 26407    | 3.618    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.400%  |
| 20) 2-Butanone-d5             | 3.815  | 46    | 177288   | 60.914   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 121.820% |
| 24) Chloroform-d              | 4.249  | 84    | 145774   | 5.418    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.400% |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65    | 74473    | 5.816    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 116.400% |
| 32) Benzene-d6                | 4.960  | 84    | 282275   | 5.232    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.600% |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 93542    | 5.576    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 111.600% |
| 41) Toluene-d8                | 7.243  | 98    | 219258   | 4.525    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 28967    | 4.838    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 96.800%  |
| 46) 2-Hexanone-d5             | 8.027  | 63    | 126282   | 50.636   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.280% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 67489    | 5.222    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 80013    | 5.518    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 110.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.278  | 64    | 1214     | 0.099    | ug/L # | 1        |
| 16) Methylene chloride        | 2.449  | 84    | 24328    | 1.385    | ug/L   | 99       |
| 35) Methylcyclohexane         | 5.992  | 83    | 21212    | 0.897    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 5.989  | 63    | 9682     | 0.613    | ug/L # | 88       |
| 47) Tetrachloroethene         | 7.905  | 164   | 42843    | 3.440    | ug/L   | 97       |
| 49) Dibromochloromethane      | 7.905  | 129   | 38734    | 3.423    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75    | 10375    | 1.267    | ug/L # | 65       |

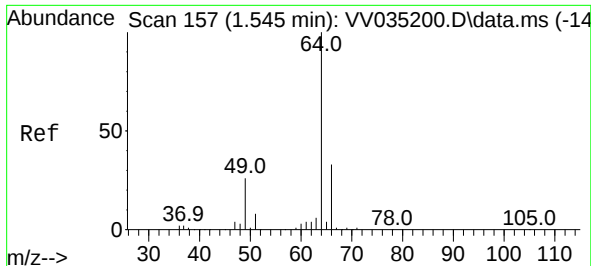
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 16 00:33:27 2024  
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.267 min

Lab File: VV035208.D

Acq: 15 Apr 2024 19:42

Instrument :

MSVOA\_V

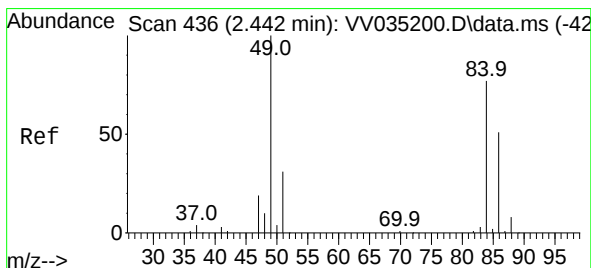
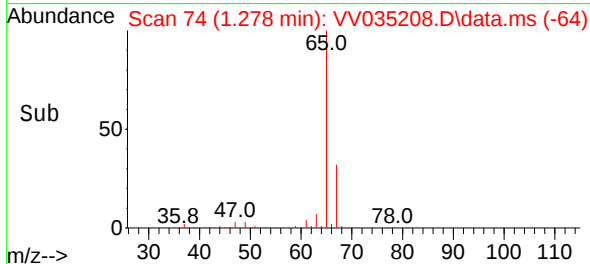
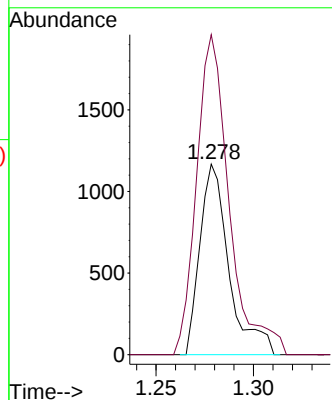
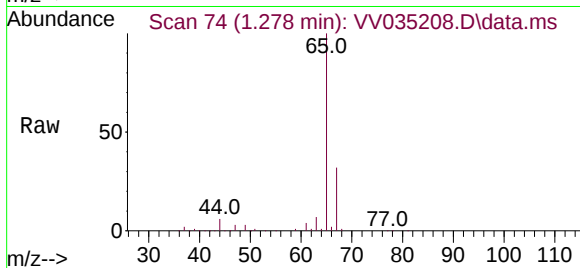
ClientSampleId :

Tgt Ion: 64 Resp: 1214

Ion Ratio Lower Upper

64 100

66 167.9 23.0 42.6#



#16

Methylene chloride

Concen: 1.385 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.006 min

Lab File: VV035208.D

Acq: 15 Apr 2024 19:42

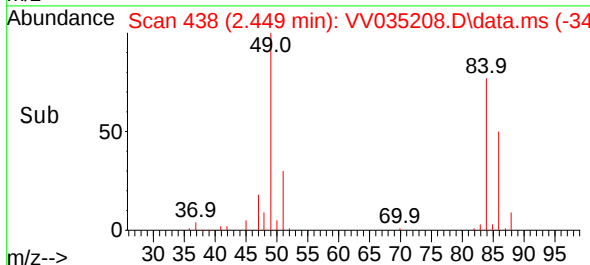
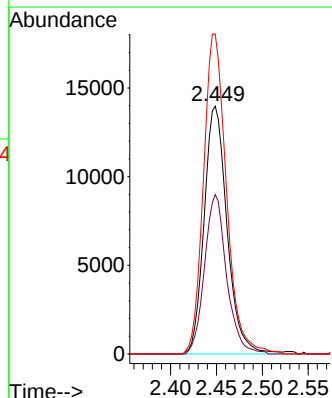
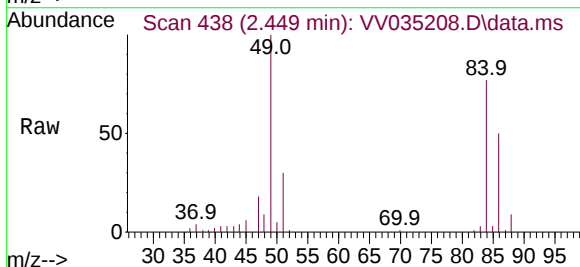
Tgt Ion: 84 Resp: 24328

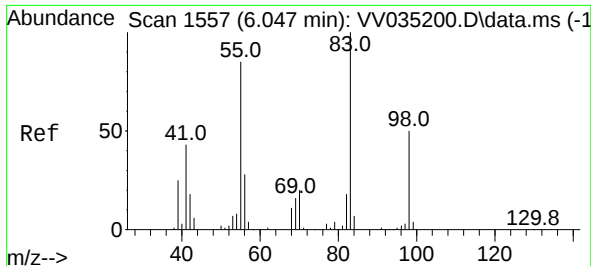
Ion Ratio Lower Upper

84 100

86 64.3 45.6 84.6

49 129.1 89.5 166.1





#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 5.992 min Scan# 1539

Delta R.T. -0.055 min

Lab File: VV035208.D

Acq: 15 Apr 2024 19:42

Instrument :

MSVOA\_V

ClientSampleId :

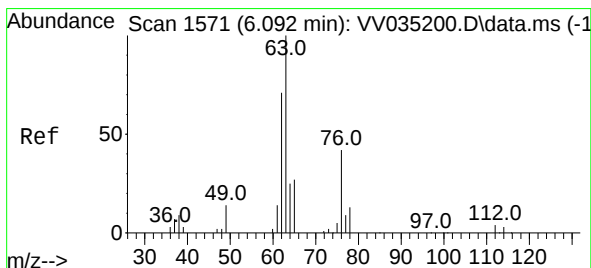
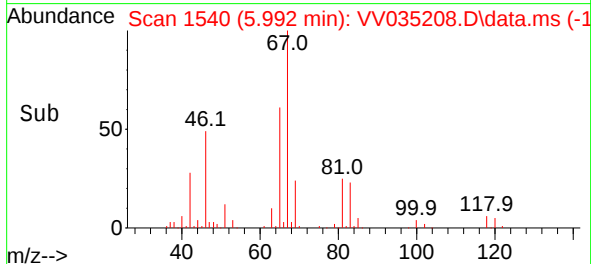
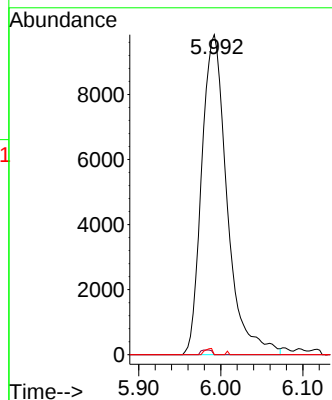
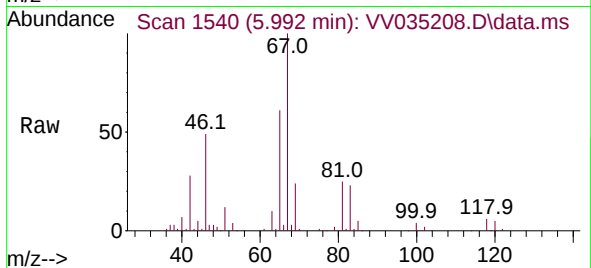
Tgt Ion: 83 Resp: 21212

Ion Ratio Lower Upper

83 100

55 0.6 63.8 95.6#

98 0.6 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV035208.D

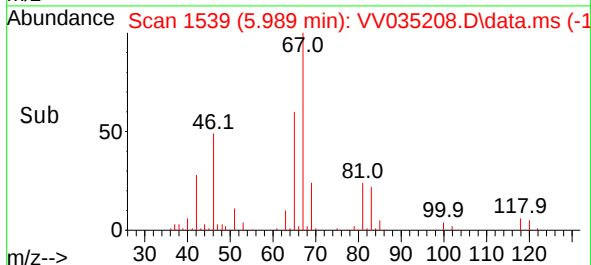
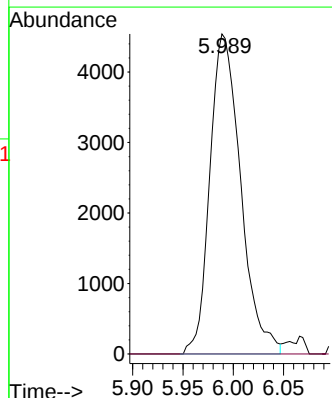
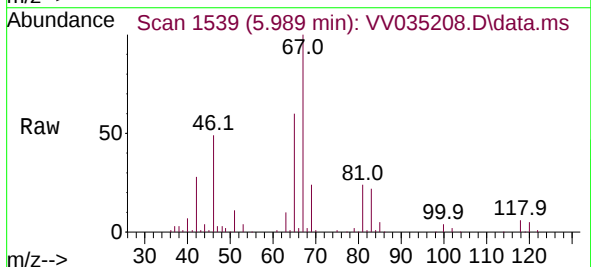
Acq: 15 Apr 2024 19:42

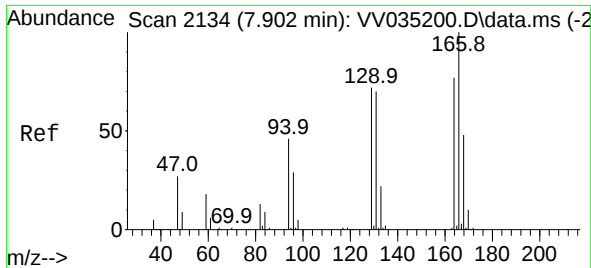
Tgt Ion: 63 Resp: 9682

Ion Ratio Lower Upper

63 100

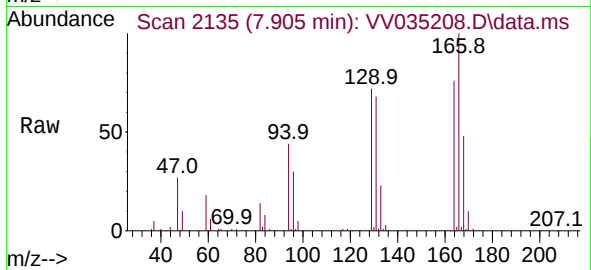
112 0.0 3.3 4.9#



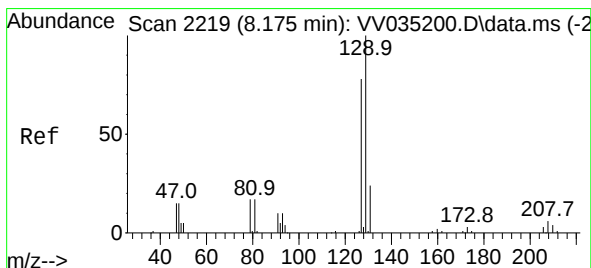
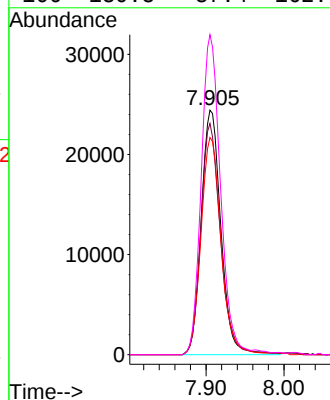
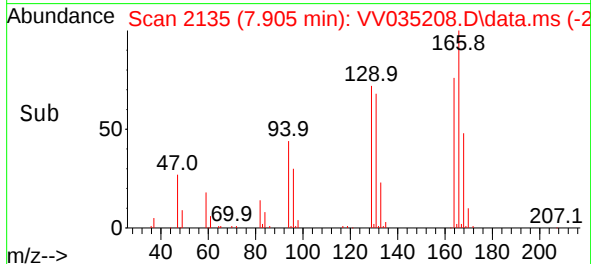


#47  
Tetrachloroethene  
Concen: 3.440 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. 0.003 min  
Lab File: VV035208.D  
Acq: 15 Apr 2024 19:42

Instrument :  
MSVOA\_V  
ClientSampleId :

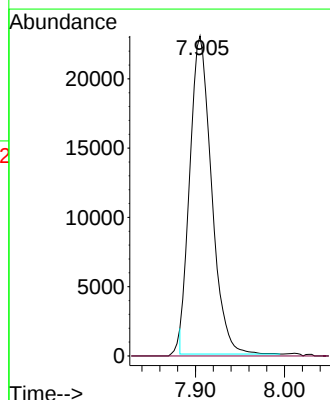
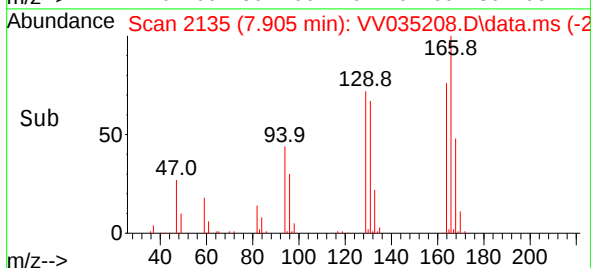
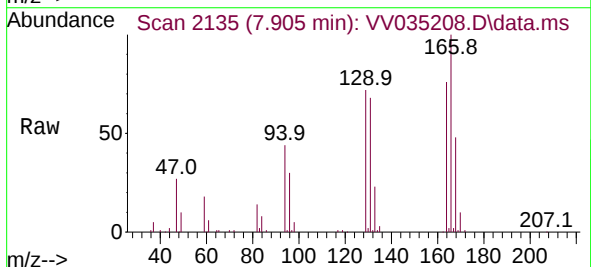


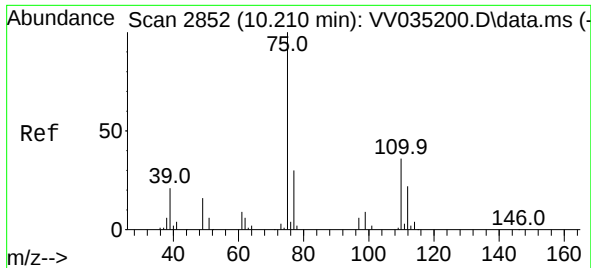
Tgt Ion:164 Resp: 42843  
Ion Ratio Lower Upper  
164 100  
129 94.5 65.3 121.3  
131 88.8 60.9 113.1  
166 130.8 87.4 162.4



#49  
Dibromochloromethane  
Concen: 3.423 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. -0.270 min  
Lab File: VV035208.D  
Acq: 15 Apr 2024 19:42

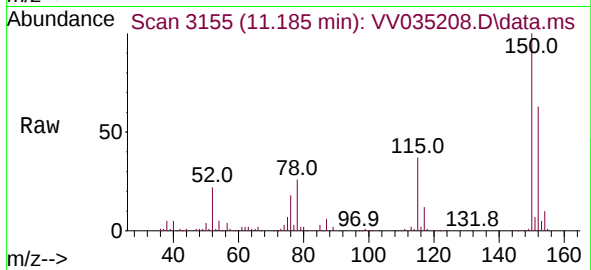
Tgt Ion:129 Resp: 38734  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.2 102.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.267 ug/L  
 RT: 11.185 min Scan# 3155  
 Delta R.T. 0.974 min  
 Lab File: VV035208.D  
 Acq: 15 Apr 2024 19:42

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 10375      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 34.9  | 25.3 37.9  |
| 110         | 1.6   | 29.6 44.4# |

