

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100623\  
 Data File : VV032296.D  
 Acq On : 06 Oct 2023 13:01  
 Operator : SY/MD  
 Sample : 04744-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 07 05:05:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 07 05:00:49 2023  
 Response via : Initial Calibration

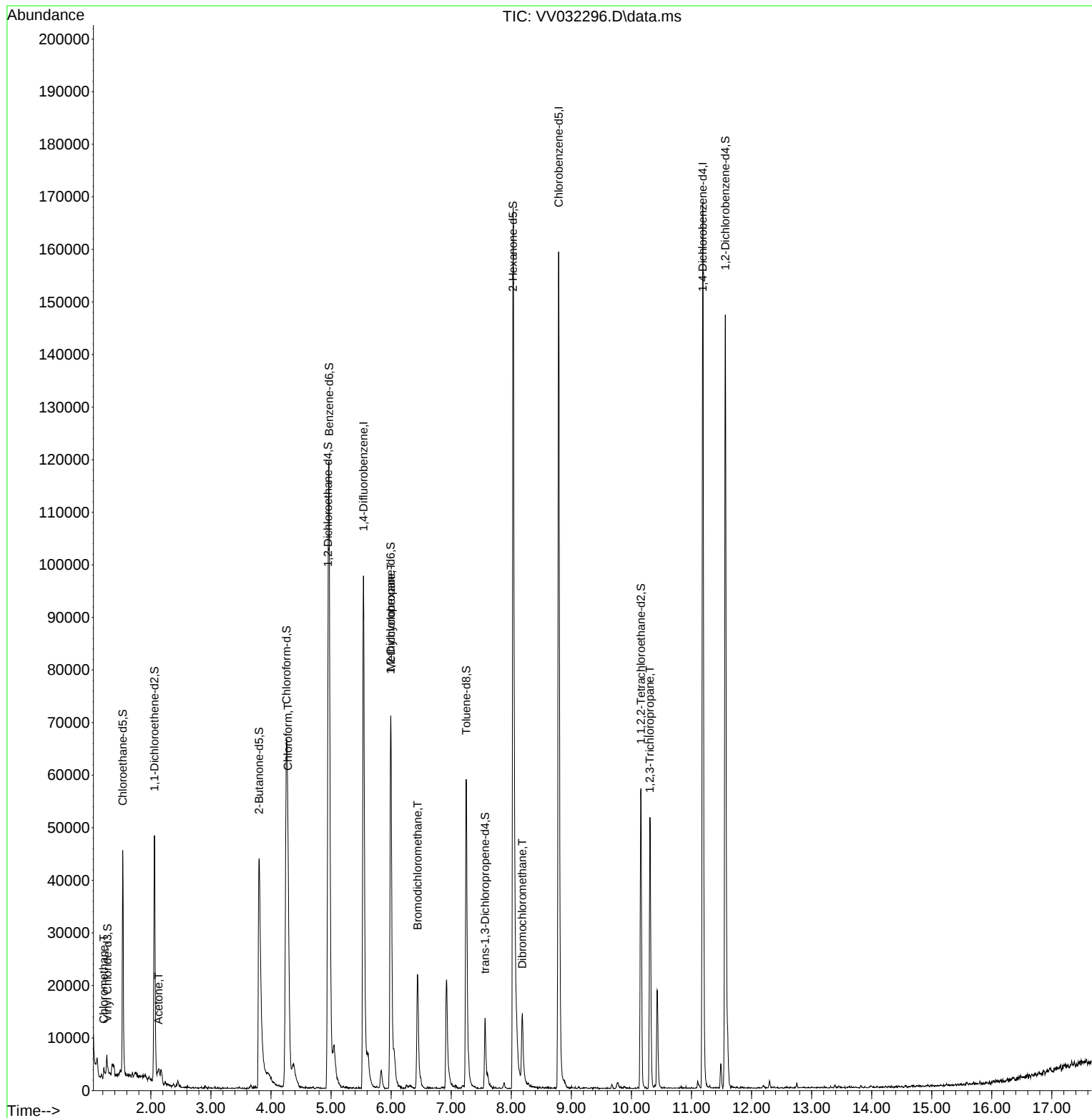
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114   | 85811    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 91947    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 43653    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 219      | 0.031    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 0.600%#  |
| 7) Chloroethane-d5            | 1.532  | 69    | 26409    | 4.662    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 8078     | 2.745    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 54.800%# |
| 20) 2-Butanone-d5             | 3.802  | 46    | 79067    | 44.786   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.580%  |
| 24) Chloroform-d              | 4.256  | 84    | 57545    | 4.674    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65    | 27788    | 4.765    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.400%  |
| 32) Benzene-d6                | 4.966  | 84    | 108720   | 4.018    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 36116    | 4.029    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 80.600%  |
| 41) Toluene-d8                | 7.249  | 98    | 43236    | 1.748    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 35.000%# |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79    | 8805     | 2.772    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 55.400%  |
| 46) 2-Hexanone-d5             | 8.031  | 63    | 62867    | 42.065   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 84.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 29331    | 4.678    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 37990    | 4.690    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.217  | 50    | 749      | 0.078    | ug/L   | 92       |
| 13) Acetone                   | 2.127  | 43    | 2405     | 1.767    | ug/L   | 96       |
| 25) Chloroform                | 4.281  | 83    | 38698    | 2.909    | ug/L   | 100      |
| 35) Methylcyclohexane         | 5.995  | 83    | 8712     | 0.637    | ug/L # | 16       |
| 38) Bromodichloromethane      | 6.439  | 83    | 17312    | 1.683    | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.185  | 129   | 7286     | 1.146    | ug/L   | 88       |
| 61) 1,2,3-Trichloropropane    | 10.307 | 75    | 659      | 0.142    | ug/L # | 55       |
| -----                         |        |       |          |          |        |          |

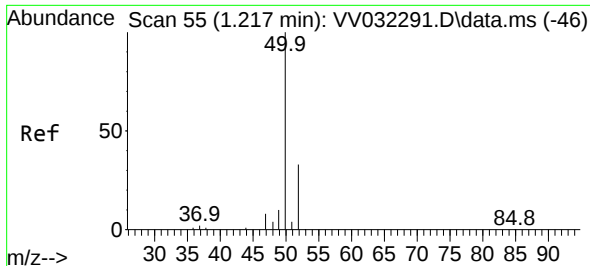
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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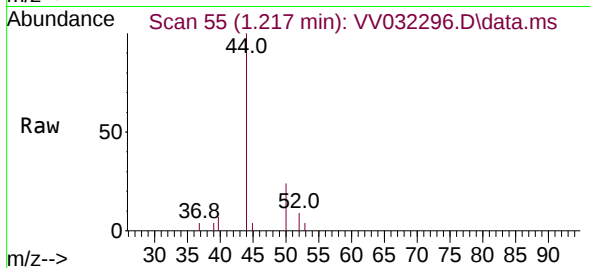
Quant Time: Oct 07 05:05:36 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Oct 07 05:00:49 2023  
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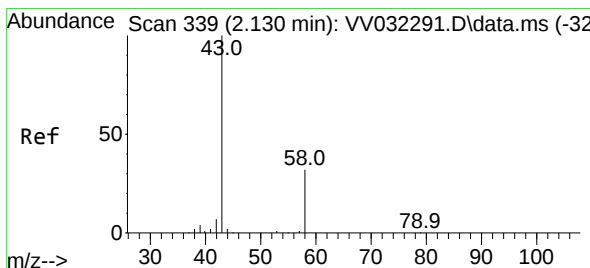
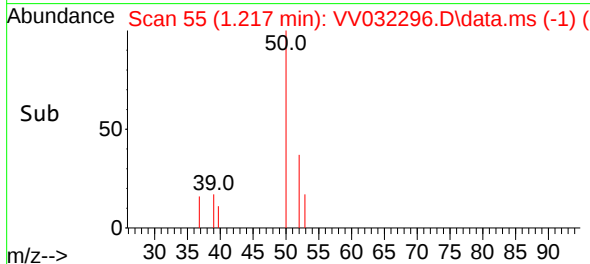
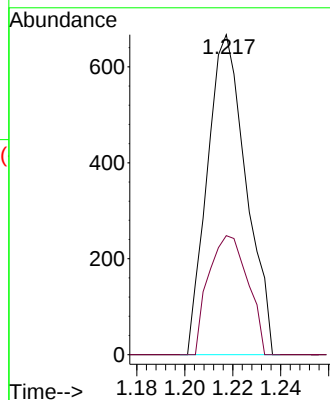


#3  
Chloromethane  
Concen: 0.078 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV032296.D  
Acq: 06 Oct 2023 13:01

Instrument :  
MSVOA\_V  
ClientSampleId :

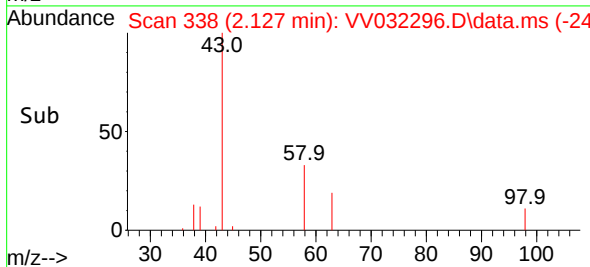
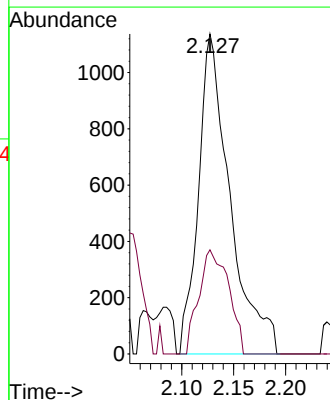
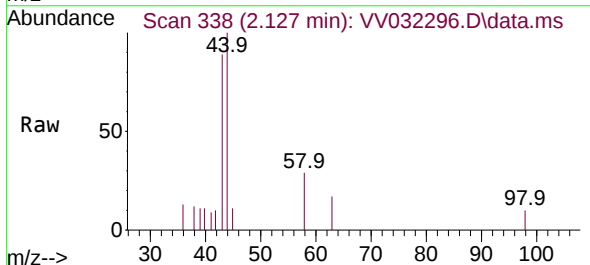


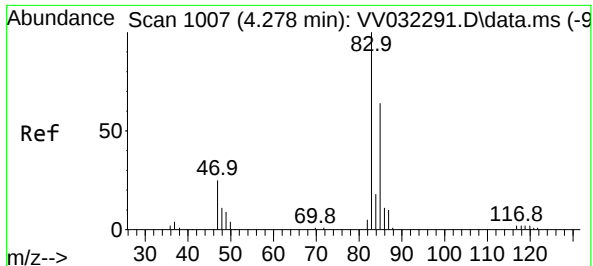
Tgt Ion: 50 Resp: 749  
Ion Ratio Lower Upper  
50 100  
52 37.2 23.0 42.6



#13  
Acetone  
Concen: 1.767 ug/L  
RT: 2.127 min Scan# 338  
Delta R.T. -0.003 min  
Lab File: VV032296.D  
Acq: 06 Oct 2023 13:01

Tgt Ion: 43 Resp: 2405  
Ion Ratio Lower Upper  
43 100  
58 30.7 0.0 66.0





#25

Chloroform

Concen: 2.909 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032296.D

Acq: 06 Oct 2023 13:01

Instrument :

MSVOA\_V

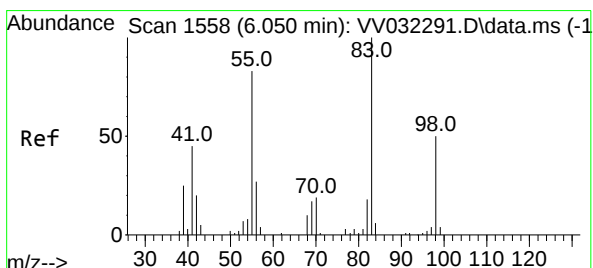
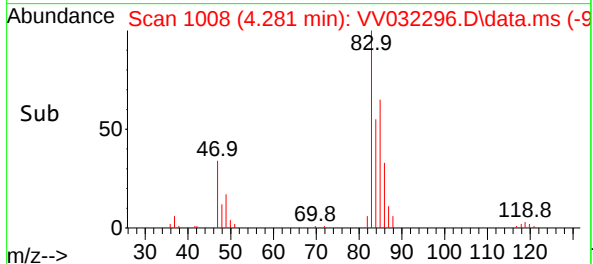
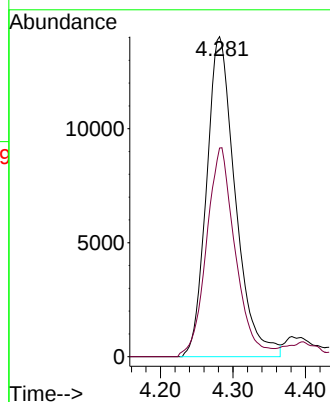
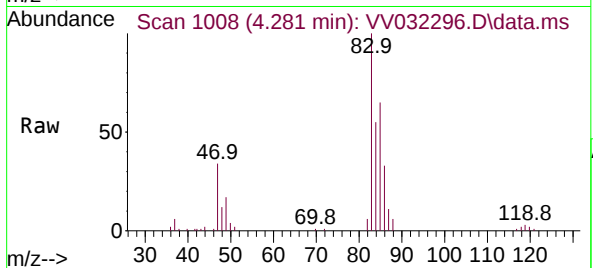
ClientSampleId :

Tgt Ion: 83 Resp: 38698

Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.4



#35

Methylcyclohexane

Concen: 0.637 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.055 min

Lab File: VV032296.D

Acq: 06 Oct 2023 13:01

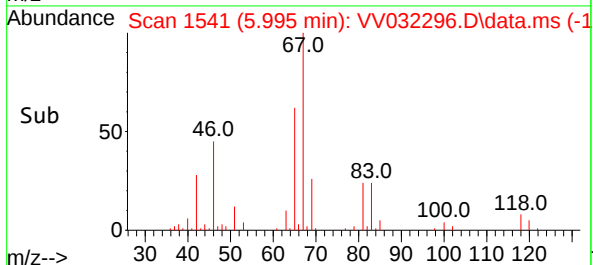
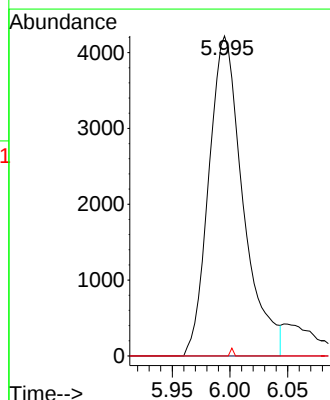
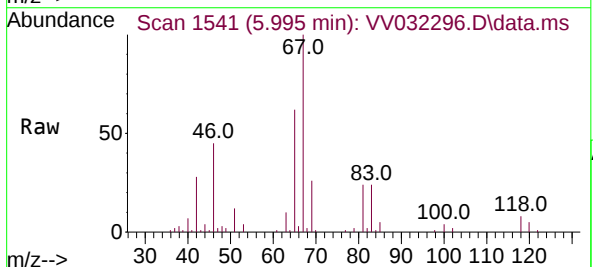
Tgt Ion: 83 Resp: 8712

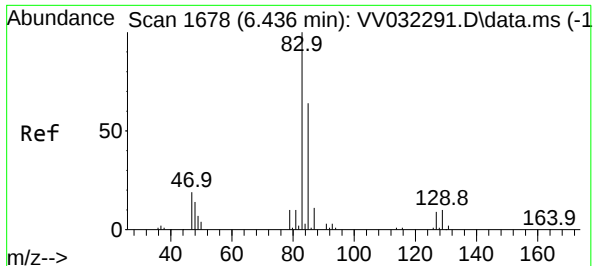
Ion Ratio Lower Upper

83 100

55 0.0 64.2 96.2#

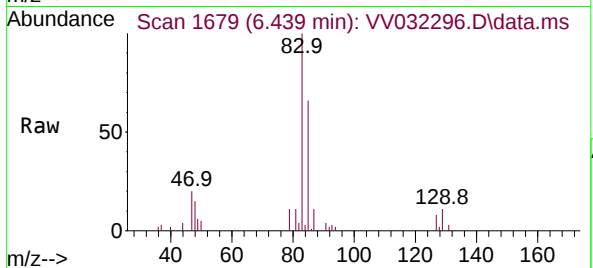
98 0.2 39.6 59.4#



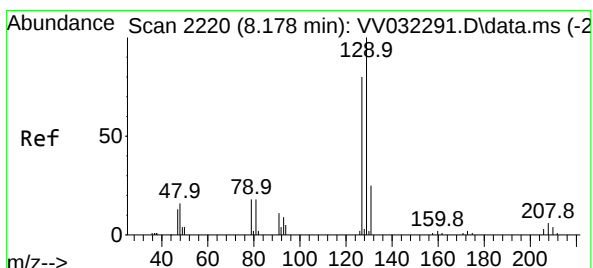
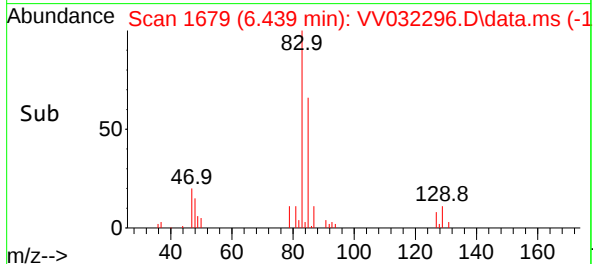
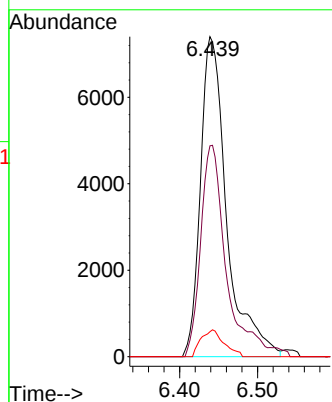


#38  
Bromodichloromethane  
Concen: 1.683 ug/L  
RT: 6.439 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VV032296.D  
Acq: 06 Oct 2023 13:01

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MSVOA\_V  
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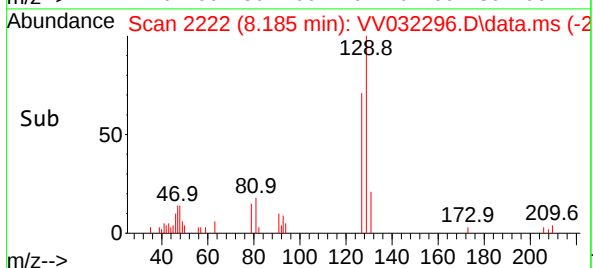
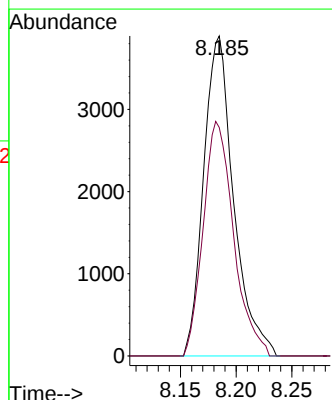
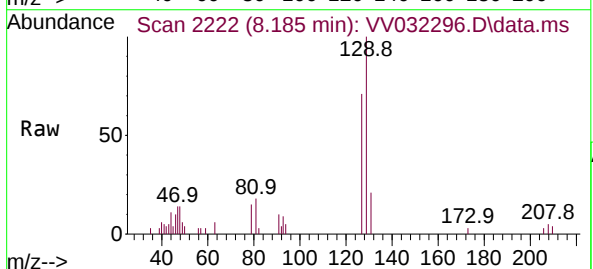


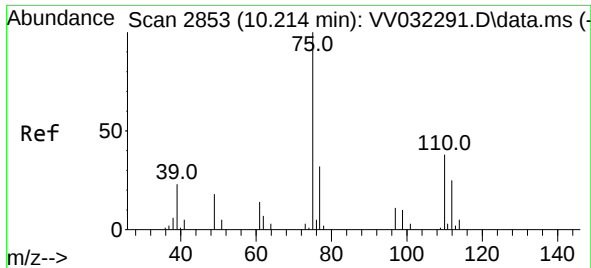
Tgt Ion: 83 Resp: 17312  
Ion Ratio Lower Upper  
83 100  
85 65.9 44.9 83.3  
127 7.8 6.9 10.3



#49  
Dibromochloromethane  
Concen: 1.146 ug/L  
RT: 8.185 min Scan# 2222  
Delta R.T. 0.006 min  
Lab File: VV032296.D  
Acq: 06 Oct 2023 13:01

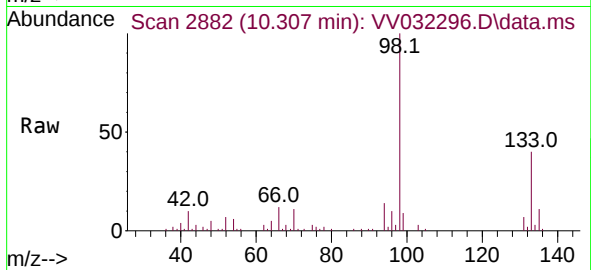
Tgt Ion: 129 Resp: 7286  
Ion Ratio Lower Upper  
129 100  
127 71.4 57.2 106.2





#61  
 1,2,3-Trichloropropane  
 Concen: 0.142 ug/L  
 RT: 10.307 min Scan# 21  
 Delta R.T. 0.093 min  
 Lab File: VV032296.D  
 Acq: 06 Oct 2023 13:01

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 659  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 46.4  | 26.2  | 39.2# |
| 110 | 0.0   | 30.6  | 46.0# |

