

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV101023\  
 Data File : VV032373.D  
 Acq On : 10 Oct 2023 13:55  
 Operator : SY/MD  
 Sample : 04708-09DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 11 01:59:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 11 01:56:10 2023  
 Response via : Initial Calibration

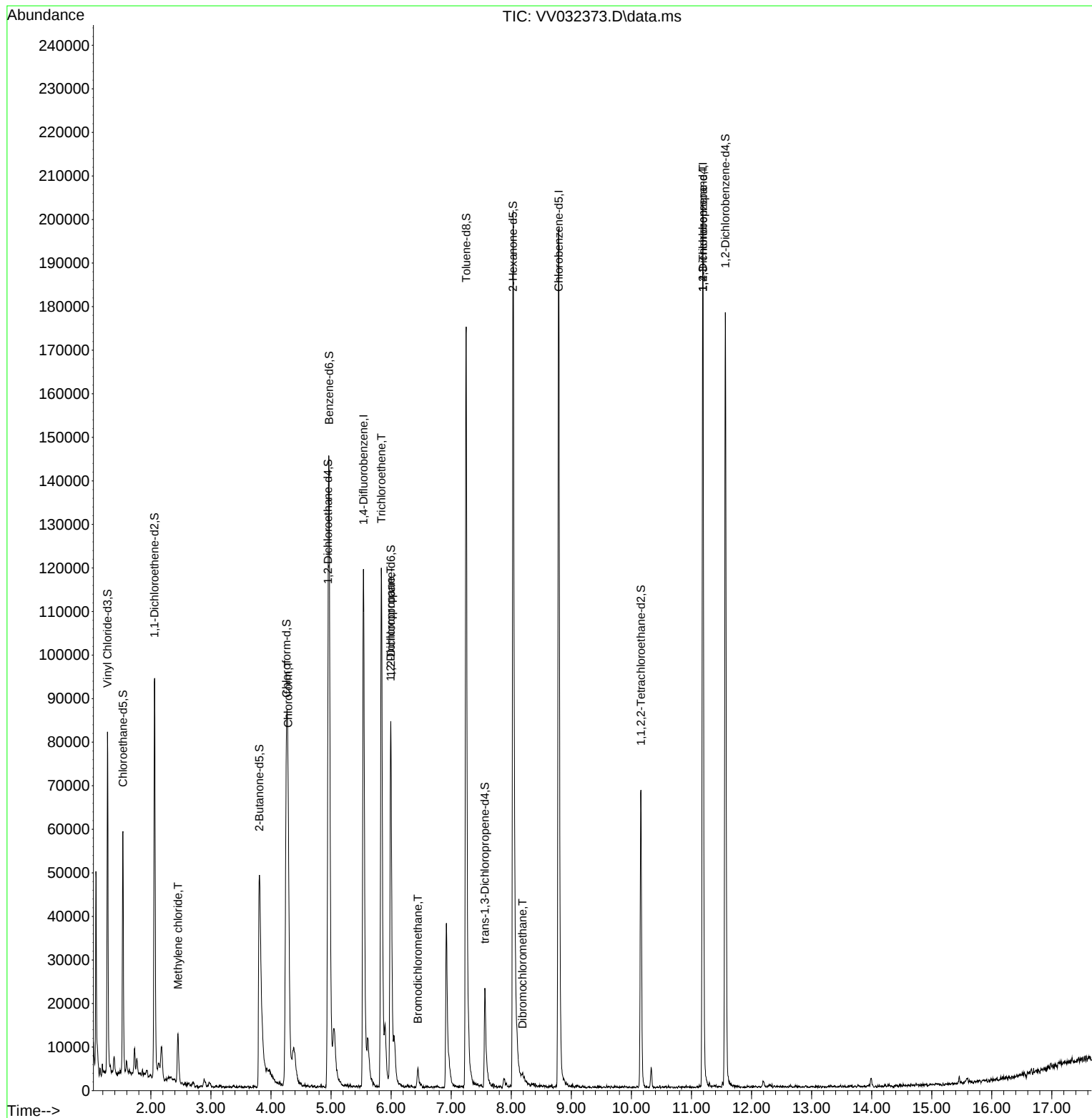
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114   | 104613   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 115278   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 53213    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 41741    | 4.906    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 98.200%  |
| 7) Chloroethane-d5            | 1.536  | 69    | 35053    | 5.076    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 101.600% |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 16089    | 4.484    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.600%  |
| 20) 2-Butanone-d5             | 3.806  | 46    | 88720    | 41.222   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 82.440%  |
| 24) Chloroform-d              | 4.256  | 84    | 70291    | 4.683    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65    | 32332    | 4.548    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.000%  |
| 32) Benzene-d6                | 4.966  | 84    | 132122   | 3.895    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.000%  |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67    | 41692    | 3.710    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 74.200%  |
| 41) Toluene-d8                | 7.249  | 98    | 126805   | 4.088    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.800%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 16263    | 4.084    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.600%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 77242    | 41.223   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 33963    | 4.321    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 45812    | 4.639    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.452  | 84    | 4757     | 0.476    | ug/L   | 95       |
| 25) Chloroform                | 4.285  | 83    | 61417    | 3.786    | ug/L   | 96       |
| 34) Trichloroethene           | 5.838  | 95    | 42725    | 3.856    | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 5.992  | 63    | 4635     | 0.427    | ug/L # | 87       |
| 38) Bromodichloromethane      | 6.445  | 83    | 3157     | 0.245    | ug/L # | 95       |
| 49) Dibromochloromethane      | 8.188  | 129   | 620      | 0.078    | ug/L   | 95       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75    | 6592     | 1.164    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

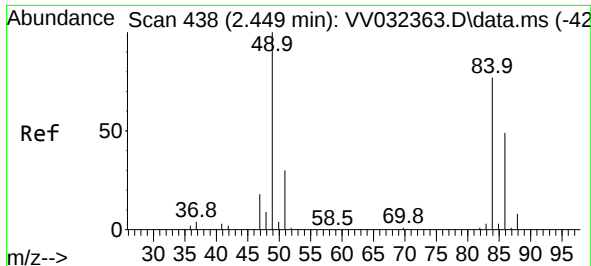
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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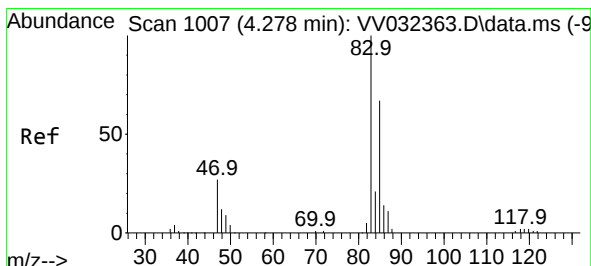
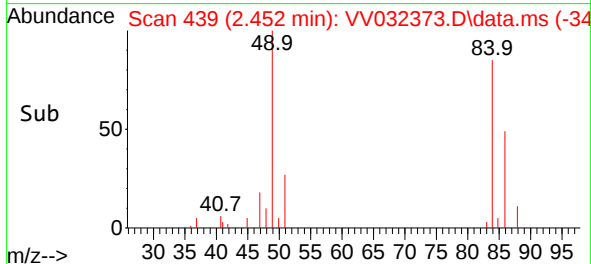
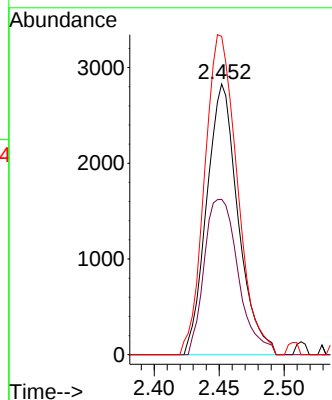
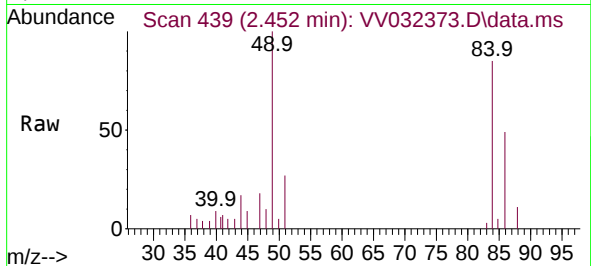




#16  
Methylene chloride  
Concen: 0.476 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV032373.D  
Acq: 10 Oct 2023 13:55

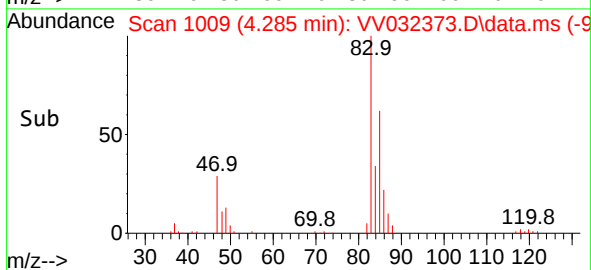
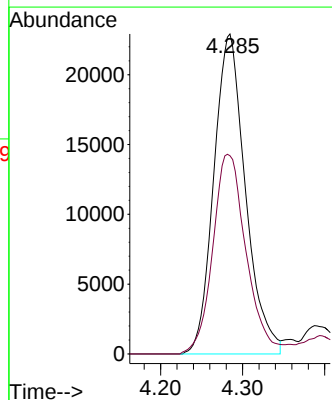
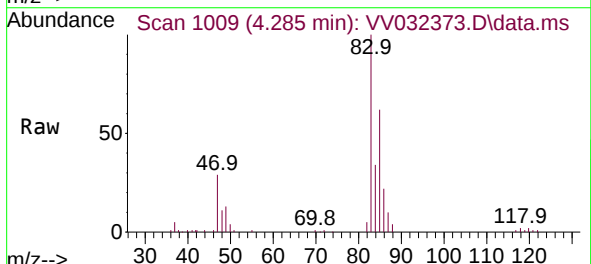
Instrument :  
MSVOA\_V  
ClientSampleId :

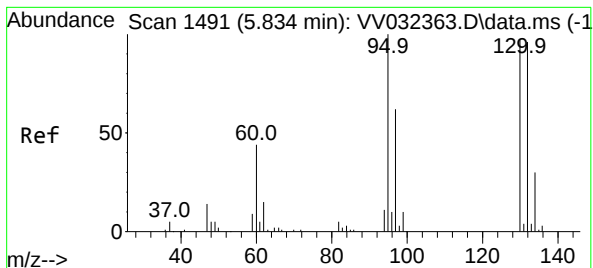
Tgt Ion: 84 Resp: 4757  
Ion Ratio Lower Upper  
84 100  
86 57.4 43.2 80.2  
49 117.6 86.3 160.3



#25  
Chloroform  
Concen: 3.786 ug/L  
RT: 4.285 min Scan# 1009  
Delta R.T. 0.006 min  
Lab File: VV032373.D  
Acq: 10 Oct 2023 13:55

Tgt Ion: 83 Resp: 61417  
Ion Ratio Lower Upper  
83 100  
85 61.9 45.4 84.4





#34

Trichloroethene

Concen: 3.856 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV032373.D

Acq: 10 Oct 2023 13:55

Instrument :

MSVOA\_V

ClientSampleId :

Tgt Ion: 95 Resp: 42725

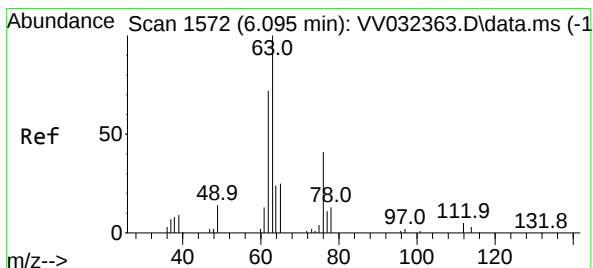
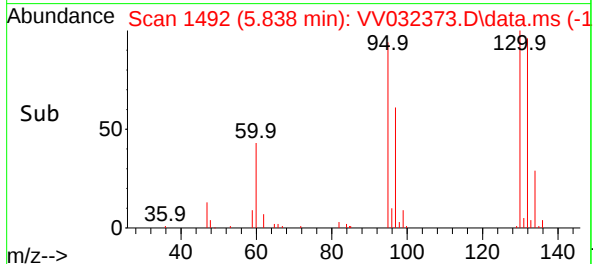
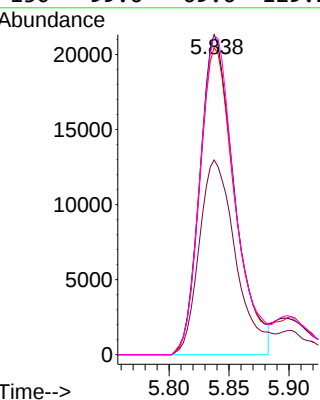
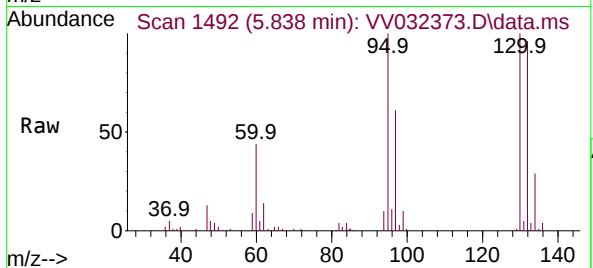
Ion Ratio Lower Upper

95 100

97 60.8 45.7 84.9

132 95.9 70.3 130.5

130 99.6 69.6 129.2



#37

1,2-Dichloropropane

Concen: 0.427 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.103 min

Lab File: VV032373.D

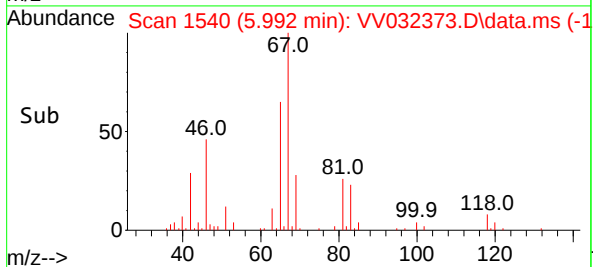
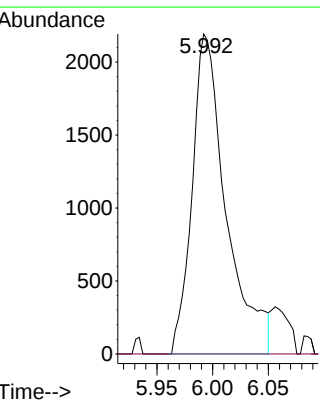
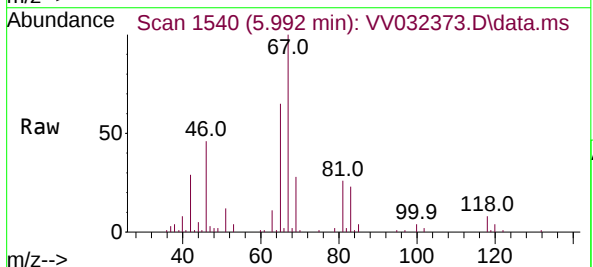
Acq: 10 Oct 2023 13:55

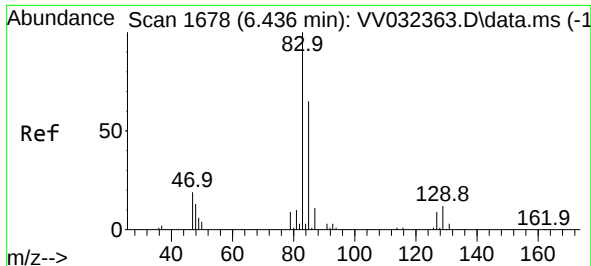
Tgt Ion: 63 Resp: 4635

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

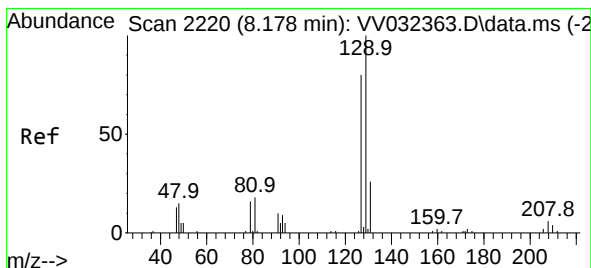
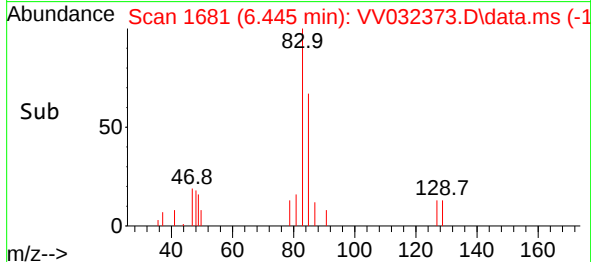
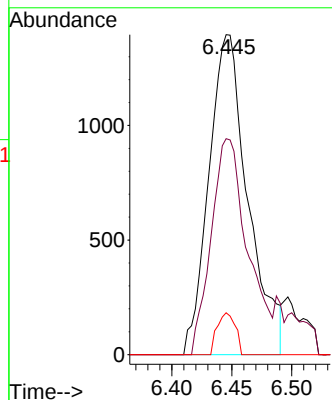
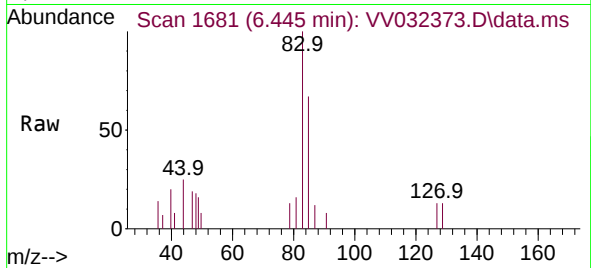




#38  
 Bromodichloromethane  
 Concen: 0.245 ug/L  
 RT: 6.445 min Scan# 1  
 Delta R.T. 0.010 min  
 Lab File: VV032373.D  
 Acq: 10 Oct 2023 13:55

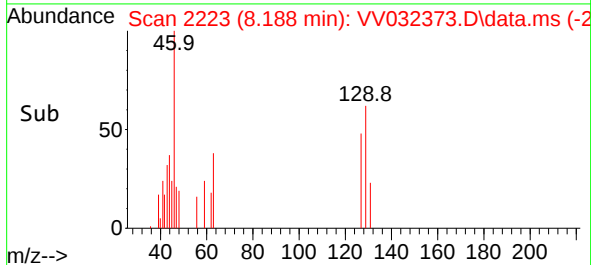
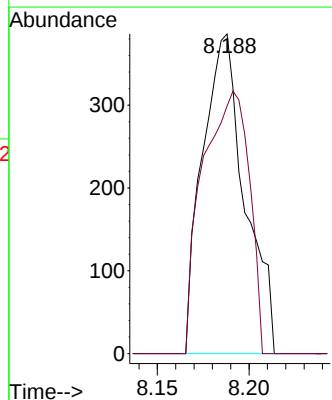
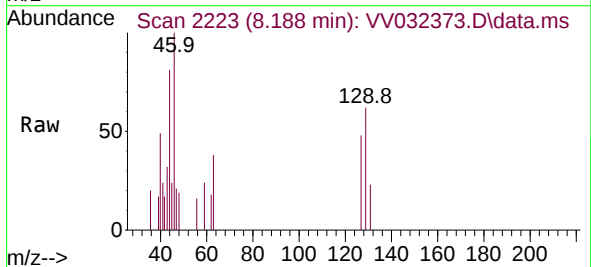
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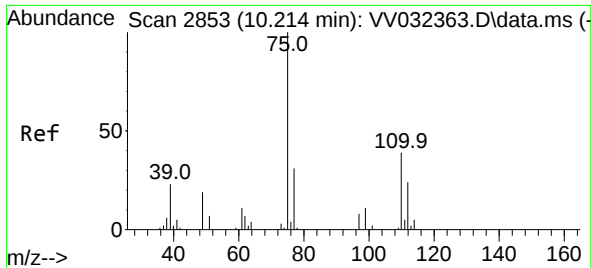
Tgt Ion: 83 Resp: 3157  
 Ion Ratio Lower Upper  
 83 100  
 85 67.5 44.9 83.3  
 127 13.1 6.9 10.3#



#49  
 Dibromochloromethane  
 Concen: 0.078 ug/L  
 RT: 8.188 min Scan# 2223  
 Delta R.T. 0.010 min  
 Lab File: VV032373.D  
 Acq: 10 Oct 2023 13:55

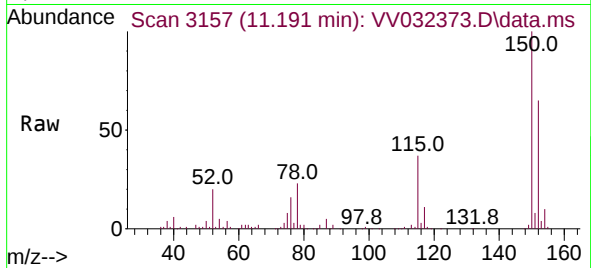
Tgt Ion: 129 Resp: 620  
 Ion Ratio Lower Upper  
 129 100  
 127 77.5 57.2 106.2





#61  
 1,2,3-Trichloropropane  
 Concen: 1.164 ug/L  
 RT: 11.191 min Scan# 31  
 Delta R.T. 0.978 min  
 Lab File: VV032373.D  
 Acq: 10 Oct 2023 13:55

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 6592  
 Ion Ratio Lower Upper  
 75 100  
 77 35.3 26.2 39.2  
 110 1.9 30.6 46.0#

