

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122723\  
 Data File : VU057296.D  
 Acq On : 27 Dec 2023 22:41  
 Operator : MD/SY  
 Sample : 05979-14DL 400X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 28 01:49:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 28 00:43:53 2023  
 Response via : Initial Calibration

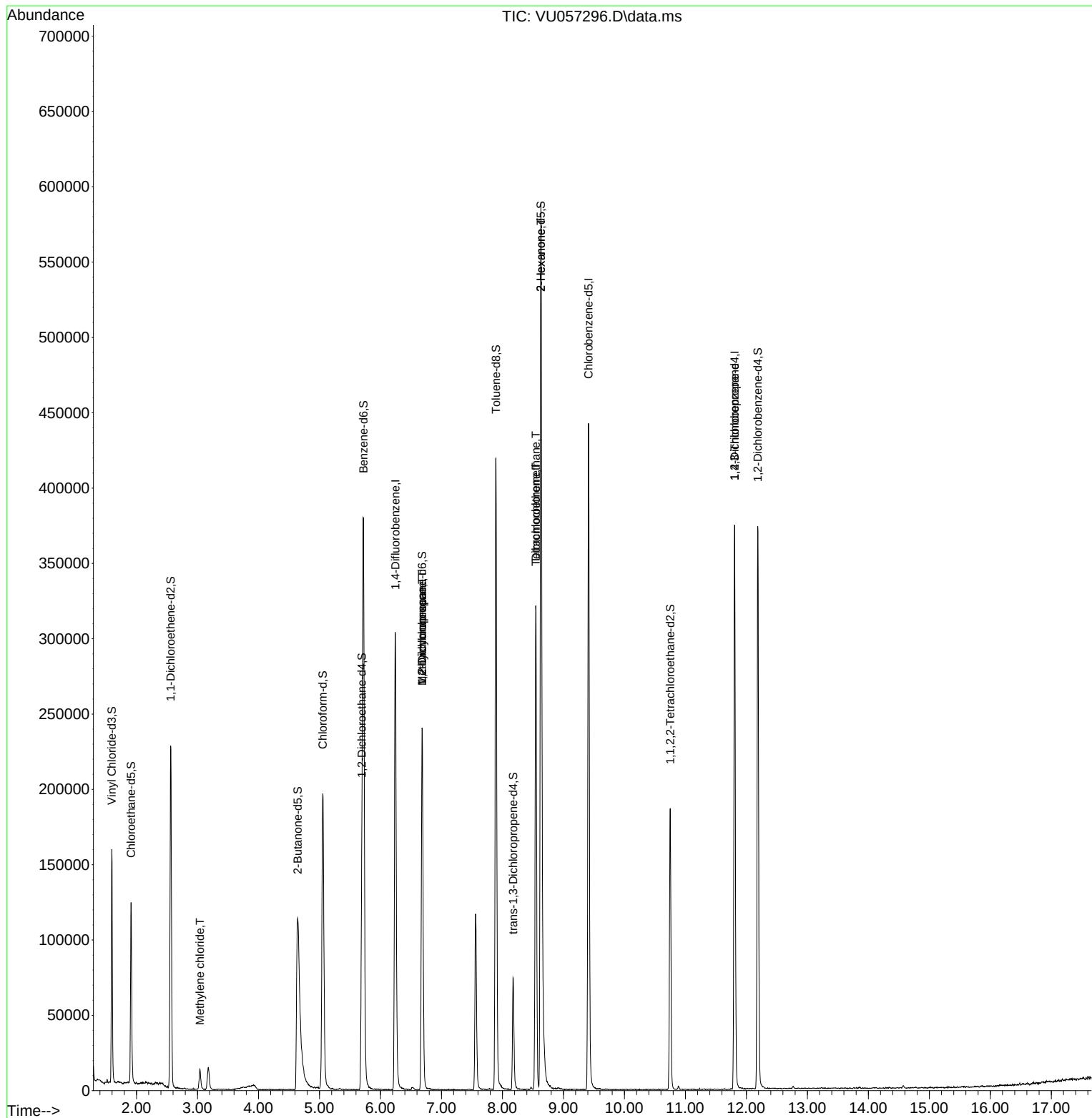
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.245     | 114            | 249568   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412     | 117            | 246067   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807    | 152            | 94546    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.595     | 65             | 110779   | 5.163      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 103.200% |        |          |
| 7) Chloroethane-d5            | 1.911     | 69             | 92834    | 5.387      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 107.800% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.560     | 65             | 43983    | 5.151      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 103.000% |        |          |
| 20) 2-Butanone-d5             | 4.644     | 46             | 275842   | 56.765     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 113.540% |        |          |
| 24) Chloroform-d              | 5.055     | 84             | 191546   | 5.020      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 100.400% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.695     | 65             | 103489   | 5.308      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 106.200% |        |          |
| 32) Benzene-d6                | 5.721     | 84             | 360764   | 5.143      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 102.800% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.682     | 67             | 119149   | 5.421      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 108.400% |        |          |
| 41) Toluene-d8                | 7.894     | 98             | 292270   | 4.830      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 96.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.177     | 79             | 44411    | 5.036      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 100.800% |        |          |
| 46) 2-Hexanone-d5             | 8.631     | 63             | 211390   | 52.921     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 105.840% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753    | 84             | 97781    | 5.297      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 106.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187    | 152            | 96770    | 5.621      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 112.400% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            |        | Qvalue   |
| 16) Methylene chloride        | 3.039     | 84             | 6657     | 0.316      | ug/L   | 87       |
| 35) Methylcyclohexane         | 6.685     | 83             | 27477    | 1.114      | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.685     | 63             | 12828    | 0.650      | ug/L # | 91       |
| 47) Tetrachloroethene         | 8.550     | 164            | 68359    | 5.121      | ug/L   | 98       |
| 48) 2-Hexanone                | 8.631     | 43             | 24938    | 3.366      | ug/L # | 76       |
| 49) Dibromochloromethane      | 8.547     | 129            | 71622    | 4.378      | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807    | 75             | 13043    | 1.321      | ug/L # | 67       |
| -----                         |           |                |          |            |        |          |

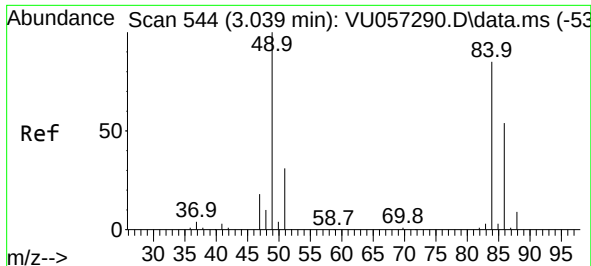
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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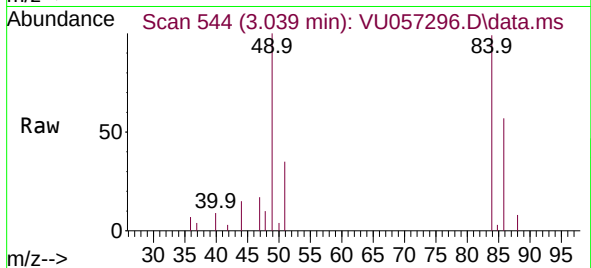
Quant Time: Dec 28 01:49:31 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 28 00:43:53 2023  
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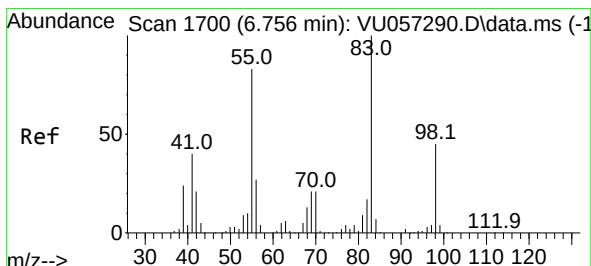
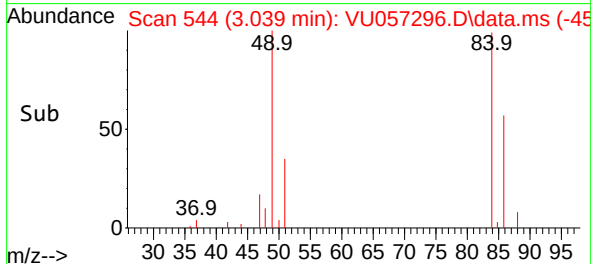
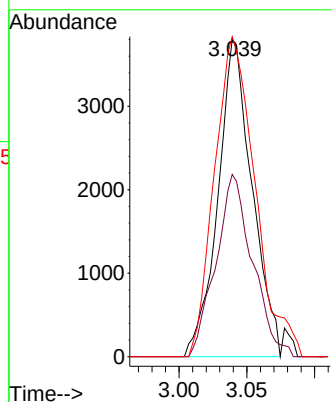


#16  
Methylene chloride  
Concen: 0.316 ug/L  
RT: 3.039 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: VU057296.D  
Acq: 27 Dec 2023 22:41

Instrument :  
MSVOA\_U  
ClientSampleId :

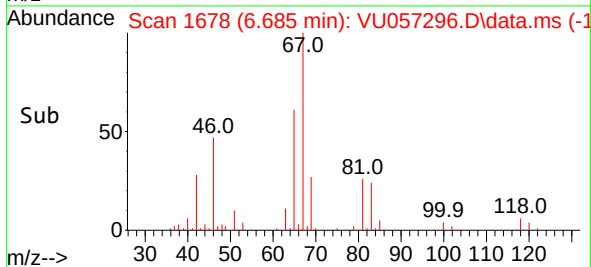
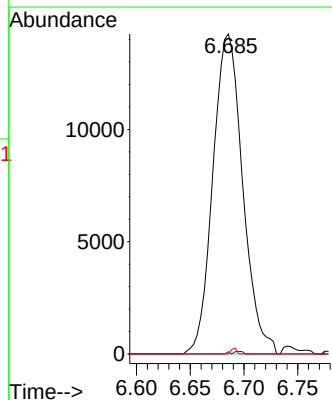
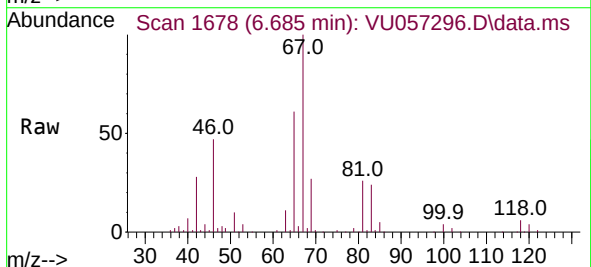


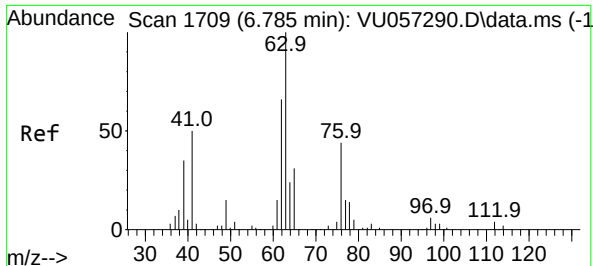
Tgt Ion: 84 Resp: 6657  
Ion Ratio Lower Upper  
84 100  
86 57.5 43.8 81.3  
49 100.9 83.2 154.4



#35  
Methylcyclohexane  
Concen: 1.114 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.071 min  
Lab File: VU057296.D  
Acq: 27 Dec 2023 22:41

Tgt Ion: 83 Resp: 27477  
Ion Ratio Lower Upper  
83 100  
55 0.3 65.4 98.2#  
98 0.3 35.3 52.9#

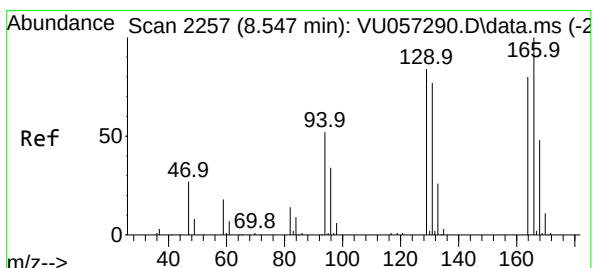
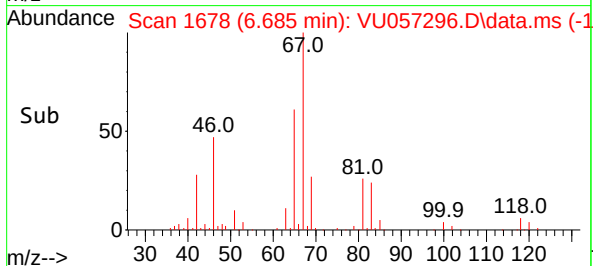
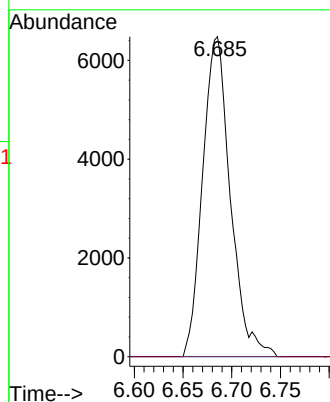
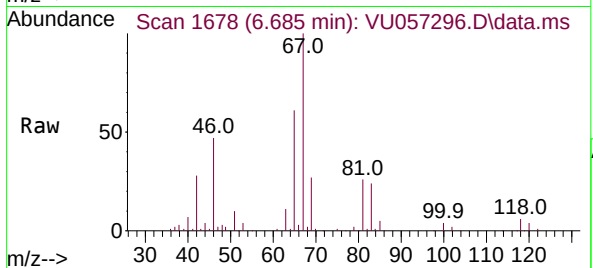




#37  
1,2-Dichloropropane  
Concen: 0.650 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU057296.D  
Acq: 27 Dec 2023 22:41

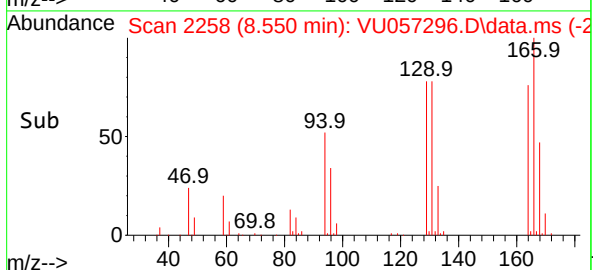
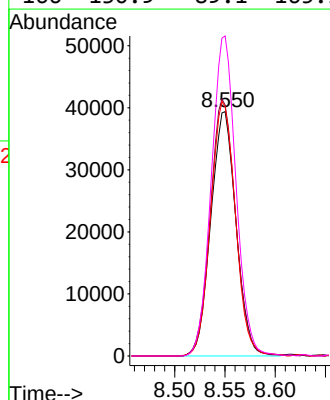
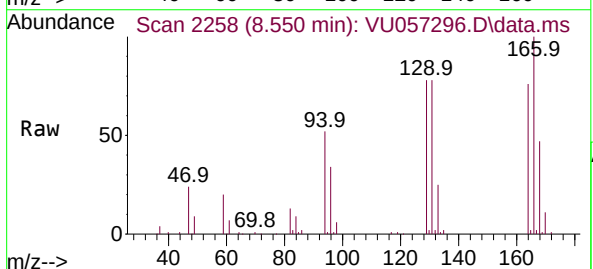
Instrument :  
MSVOA\_U  
ClientSampleId :

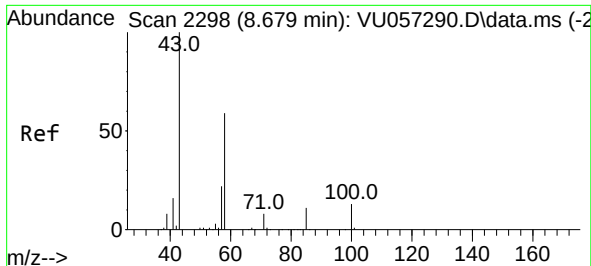
Tgt Ion: 63 Resp: 12828  
Ion Ratio Lower Upper  
63 100  
112 0.5 2.9 4.3#



#47  
Tetrachloroethene  
Concen: 5.121 ug/L  
RT: 8.550 min Scan# 2258  
Delta R.T. 0.003 min  
Lab File: VU057296.D  
Acq: 27 Dec 2023 22:41

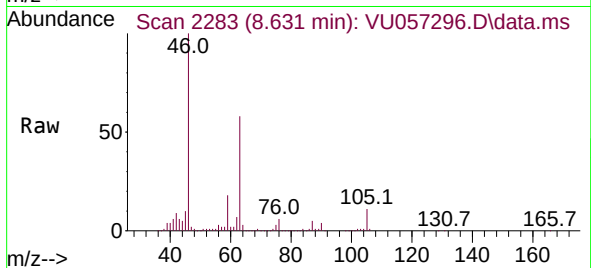
Tgt Ion:164 Resp: 68359  
Ion Ratio Lower Upper  
164 100  
129 102.7 71.3 132.5  
131 101.9 70.7 131.3  
166 130.9 89.1 165.5



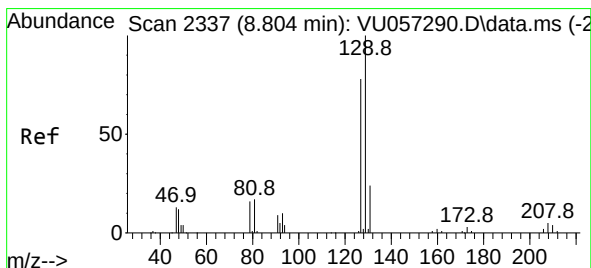
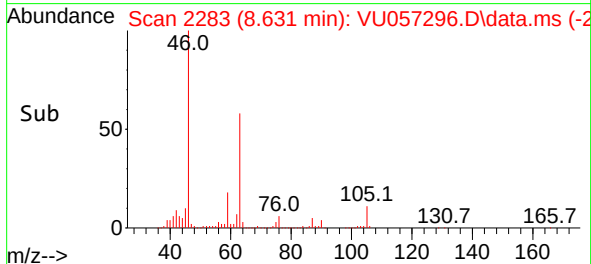
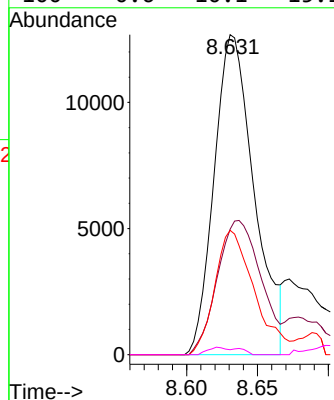


#48  
2-Hexanone  
Concen: 3.366 ug/L  
RT: 8.631 min Scan# 21  
Delta R.T. -0.048 min  
Lab File: VU057296.D  
Acq: 27 Dec 2023 22:41

Instrument :  
MSVOA\_U  
ClientSampleId :

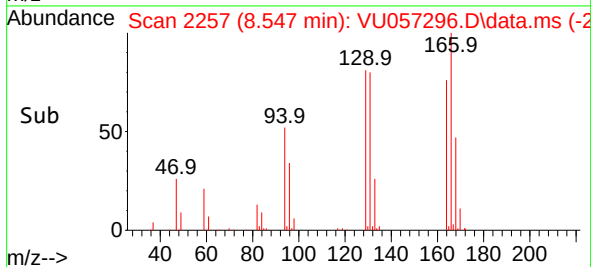
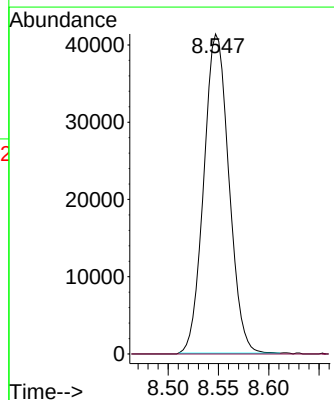
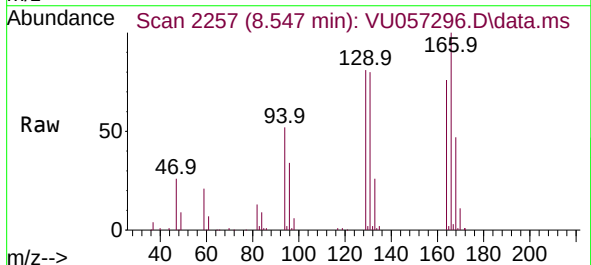


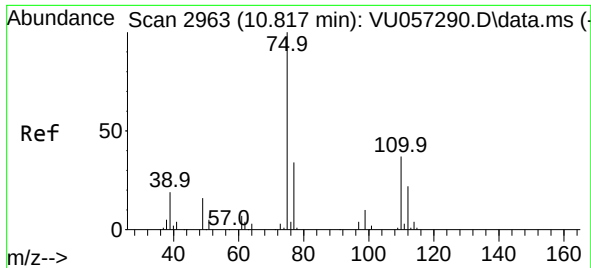
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 24938 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 45.8     | 48.4 72.6#  |
| 57 38.3     | 17.4 26.2#  |
| 100 0.6     | 10.1 15.1#  |



#49  
Dibromochloromethane  
Concen: 4.378 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.257 min  
Lab File: VU057296.D  
Acq: 27 Dec 2023 22:41

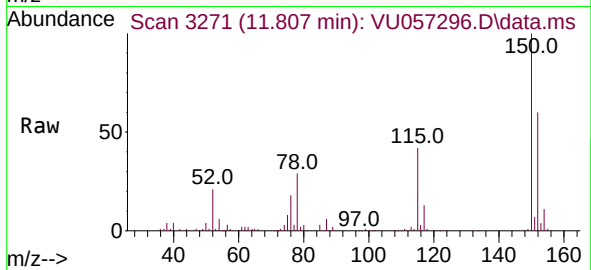
|             |       |       |        |
|-------------|-------|-------|--------|
| Tgt Ion:129 | Resp: | 71622 |        |
| Ion         | Ratio | Lower | Upper  |
| 129         | 100   |       |        |
| 127         | 0.0   | 54.2  | 100.6# |





#61  
 1,2,3-Trichloropropane  
 Concen: 1.321 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU057296.D  
 Acq: 27 Dec 2023 22:41

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 13043  
 Ion Ratio Lower Upper  
 75 100  
 110 1.4 29.0 43.6#  
 77 30.4 25.4 38.2

