

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110623\  
 Data File : VU056082.D  
 Acq On : 06 Nov 2023 13:35  
 Operator : MD/SY  
 Sample : VU1106WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 07 04:09:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 07 04:07:55 2023  
 Response via : Initial Calibration

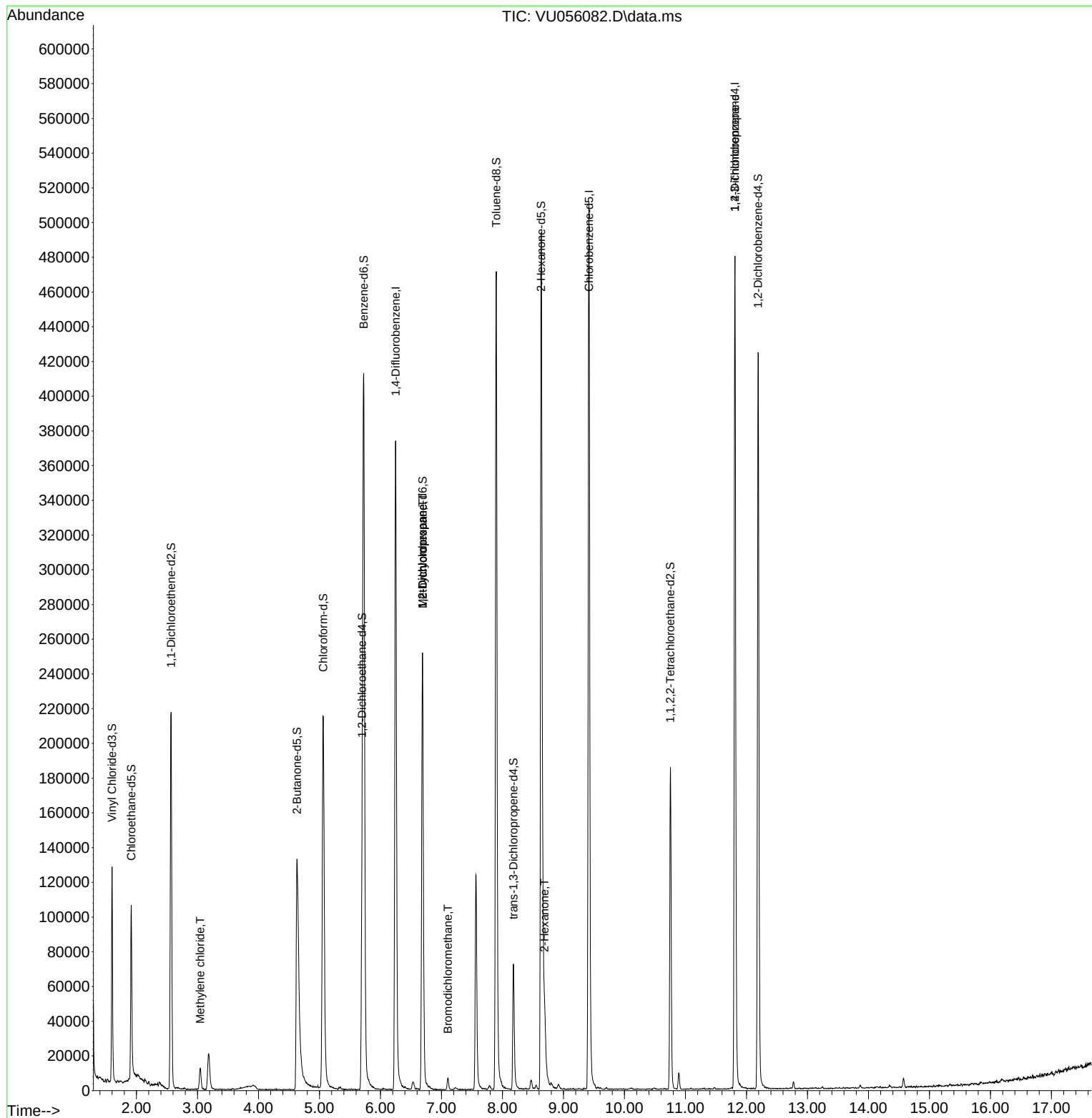
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 320502   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117   | 319358   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 139087   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65    | 92215    | 3.637    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.800%  |
| 7) Chloroethane-d5            | 1.914  | 69    | 76686    | 3.880    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 77.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65    | 41977    | 3.900    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 78.000%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 229905   | 50.830   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.660% |
| 24) Chloroform-d              | 5.059  | 84    | 211682   | 4.506    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 99893    | 4.364    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.200%  |
| 32) Benzene-d6                | 5.724  | 84    | 413275   | 4.344    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67    | 130127   | 4.614    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.200%  |
| 41) Toluene-d8                | 7.898  | 98    | 346274   | 4.013    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.200%  |
| 43) trans-1,3-Dichloroprop... | 8.181  | 79    | 44658    | 4.049    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.000%  |
| 46) 2-Hexanone-d5             | 8.634  | 63    | 180159   | 64.346   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 128.700% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 95827    | 4.666    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 120536   | 4.645    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 92.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 3.046  | 84    | 6496     | 0.369    | ug/L   | 87       |
| 35) Methylcyclohexane         | 6.689  | 83    | 30486    | 1.146    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.689  | 63    | 13702    | 0.732    | ug/L # | 89       |
| 38) Bromodichloromethane      | 7.107  | 83    | 4567     | 0.194    | ug/L   | 80       |
| 48) 2-Hexanone                | 8.689  | 43    | 19940    | 2.811    | ug/L # | 92       |
| 61) 1,2,3-Trichloropropane    | 11.811 | 75    | 15477    | 1.621    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

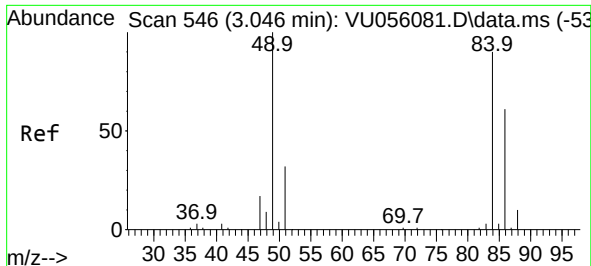
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA\_U  
ClientSampleId :

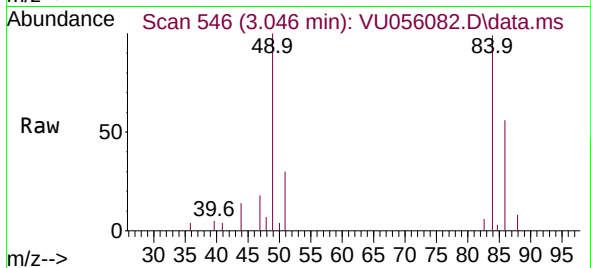
Quant Time: Nov 07 04:09:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102423WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Nov 07 04:07:55 2023  
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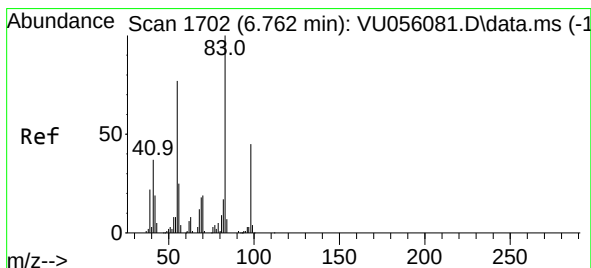
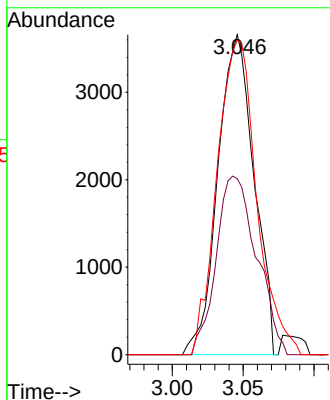
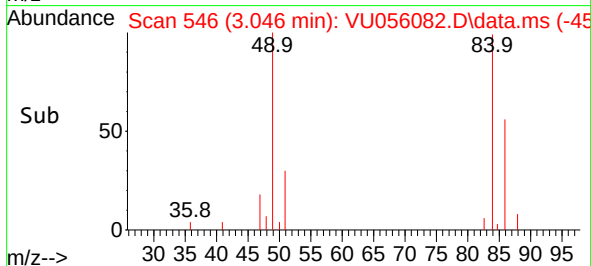


#16  
Methylene chloride  
Concen: 0.369 ug/L  
RT: 3.046 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: VU056082.D  
Acq: 06 Nov 2023 13:35

Instrument :  
MSVOA\_U  
ClientSampleId :

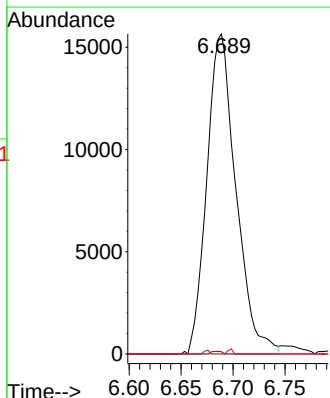
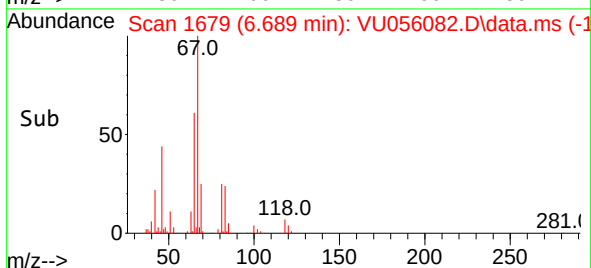
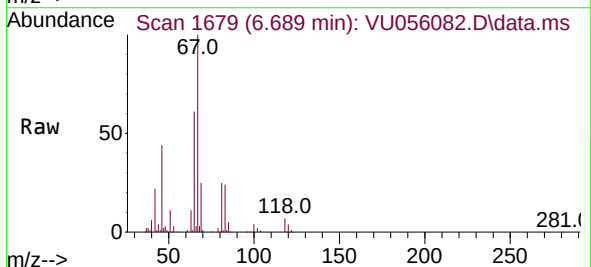


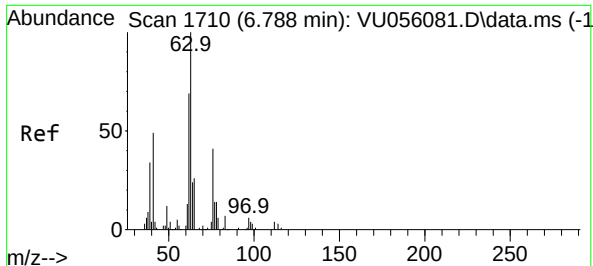
Tgt Ion: 84 Resp: 6496  
Ion Ratio Lower Upper  
84 100  
86 55.0 45.2 84.0  
49 98.3 78.8 146.3



#35  
Methylcyclohexane  
Concen: 1.146 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.074 min  
Lab File: VU056082.D  
Acq: 06 Nov 2023 13:35

Tgt Ion: 83 Resp: 30486  
Ion Ratio Lower Upper  
83 100  
55 0.3 62.4 93.6#  
98 0.3 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU056082.D

Acq: 06 Nov 2023 13:35

Instrument :

MSVOA\_U

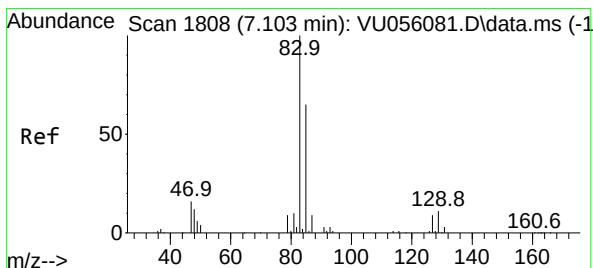
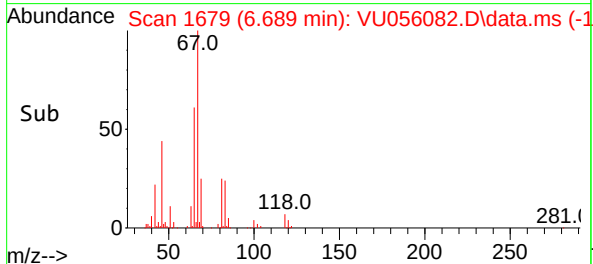
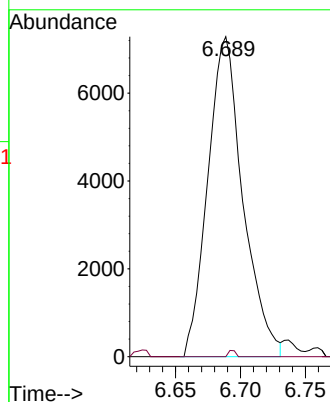
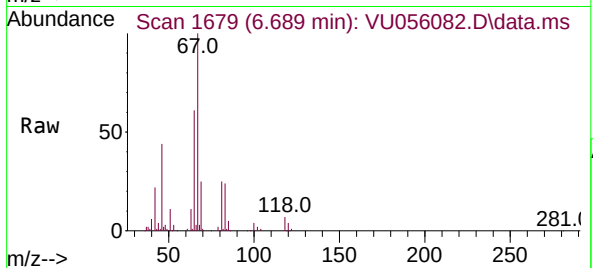
ClientSampleId :

Tgt Ion: 63 Resp: 13702

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



#38

Bromodichloromethane

Concen: 0.194 ug/L

RT: 7.107 min Scan# 1809

Delta R.T. 0.003 min

Lab File: VU056082.D

Acq: 06 Nov 2023 13:35

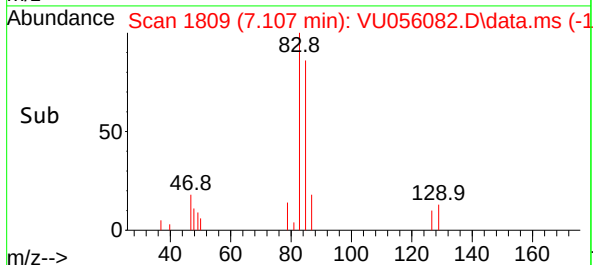
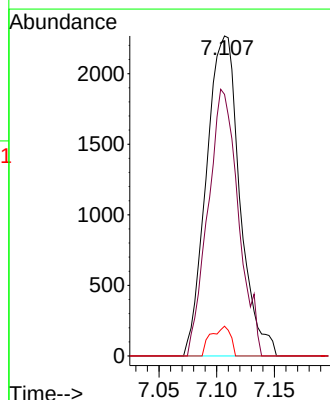
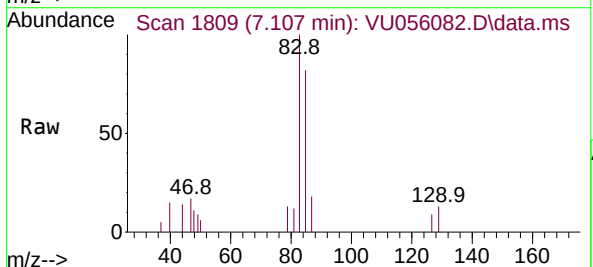
Tgt Ion: 83 Resp: 4567

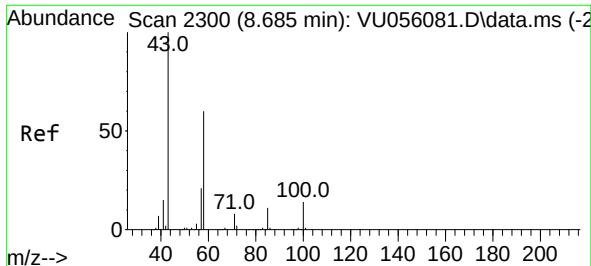
Ion Ratio Lower Upper

83 100

85 81.7 44.9 83.3

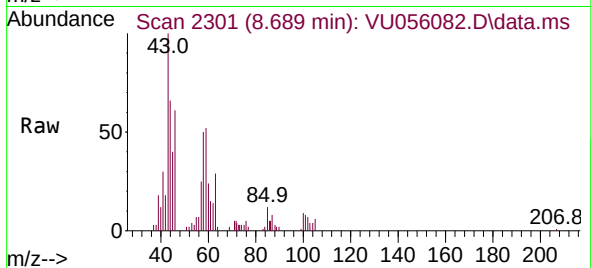
127 9.3 6.6 9.8



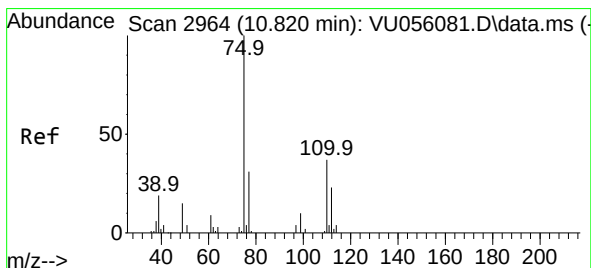
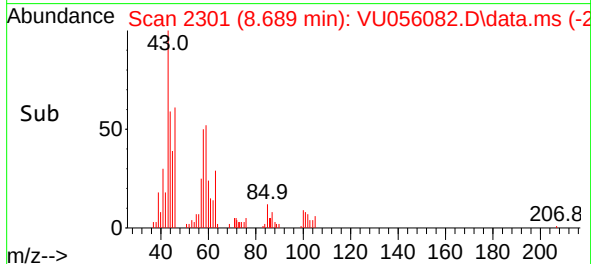
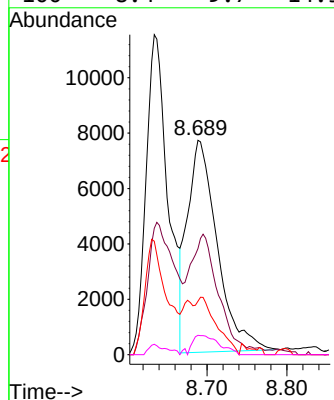


#48  
2-Hexanone  
Concen: 2.811 ug/L  
RT: 8.689 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU056082.D  
Acq: 06 Nov 2023 13:35

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 43 Resp: 19940  
Ion Ratio Lower Upper  
43 100  
58 56.5 49.5 74.3  
57 17.4 16.9 25.3  
100 8.4 9.7 14.5#



#61  
1,2,3-Trichloropropane  
Concen: 1.621 ug/L  
RT: 11.811 min Scan# 3272  
Delta R.T. 0.991 min  
Lab File: VU056082.D  
Acq: 06 Nov 2023 13:35

Tgt Ion: 75 Resp: 15477  
Ion Ratio Lower Upper  
75 100  
110 2.7 29.0 43.6#  
77 35.4 24.5 36.7

