

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU063023\  
 Data File : VU054710.D  
 Acq On : 30 Jun 2023 10:01  
 Operator : MD/SY  
 Sample : VU0630WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK012

Quant Time: Jul 03 06:42:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR060723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jul 03 06:42:02 2023  
 Response via : Initial Calibration

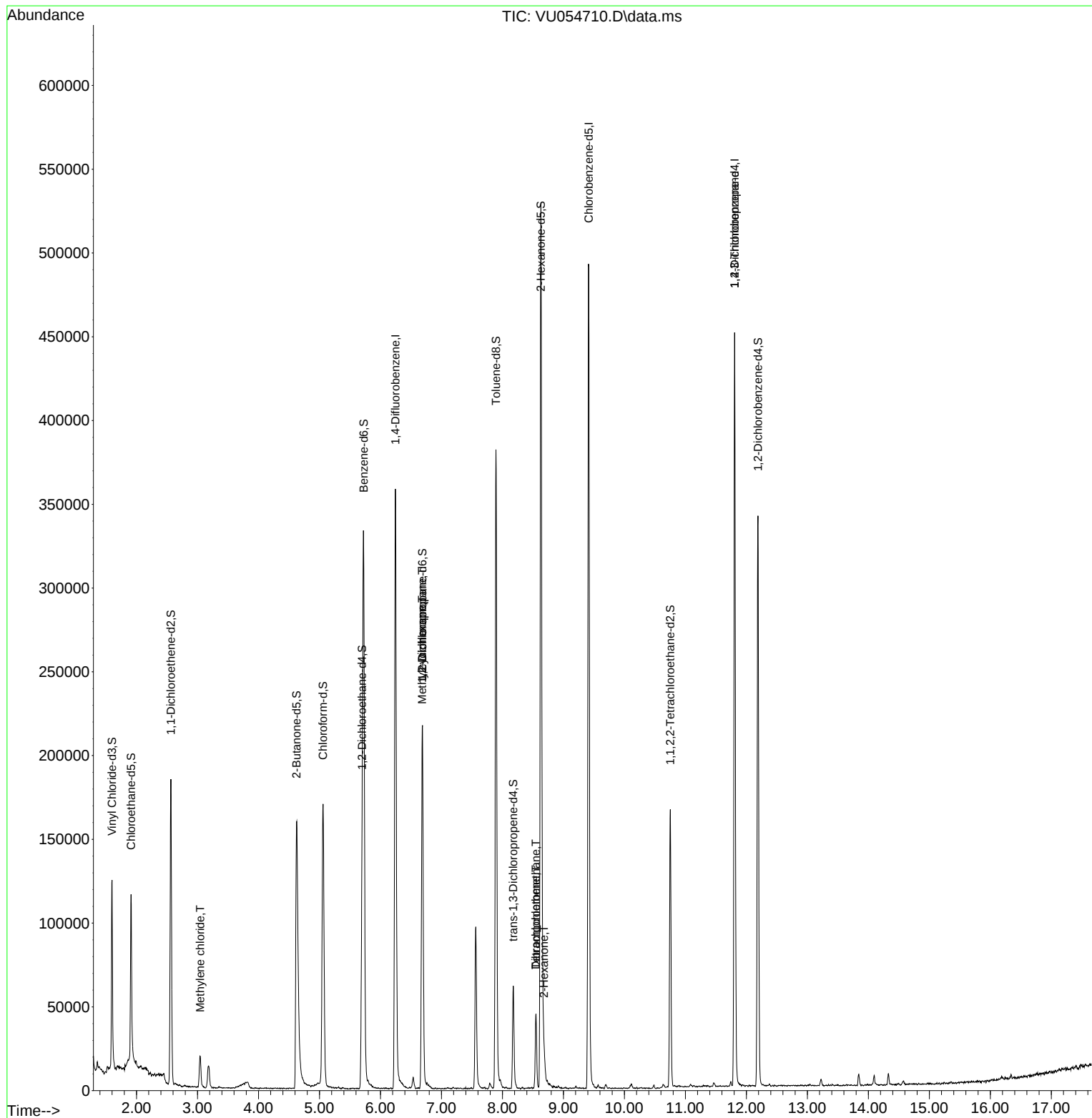
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 283748   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 274585   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 117131   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 87448    | 4.843  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 96.800%  |          |
| 7) Chloroethane-d5            | 1.911  | 69             | 75649    | 4.474  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 36285    | 4.499  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 90.000%  |          |
| 20) 2-Butanone-d5             | 4.624  | 46             | 264604   | 52.117 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 104.240% |          |
| 24) Chloroform-d              | 5.058  | 84             | 157563   | 4.174  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 85670    | 4.656  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.200%  |          |
| 32) Benzene-d6                | 5.724  | 84             | 305243   | 3.999  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67             | 109275   | 4.287  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 85.800%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 251932   | 3.719  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 35811    | 4.040  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.800%  |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 171867   | 46.214 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 92.420%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 86744    | 4.563  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 87474    | 4.428  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 88.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 16) Methylene chloride        | 3.046  | 84             | 8644     | 0.299  | ug/L     | 79       |
| 35) Methylcyclohexane         | 6.682  | 83             | 24756    | 0.628  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 11217    | 0.420  | ug/L #   | 89       |
| 47) Tetrachloroethene         | 8.550  | 164            | 9765     | 0.489  | ug/L     | 98       |
| 48) 2-Hexanone                | 8.682  | 43             | 7826     | 0.738  | ug/L #   | 94       |
| 49) Dibromochloromethane      | 8.550  | 129            | 9800     | 0.550  | ug/L #   | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 15123    | 1.278  | ug/L #   | 70       |

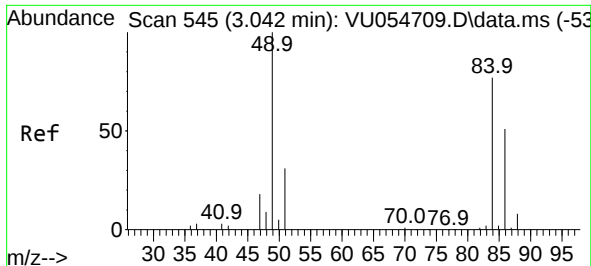
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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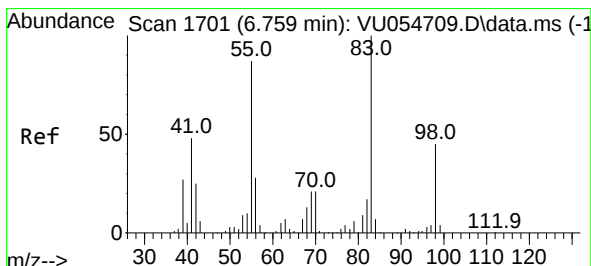
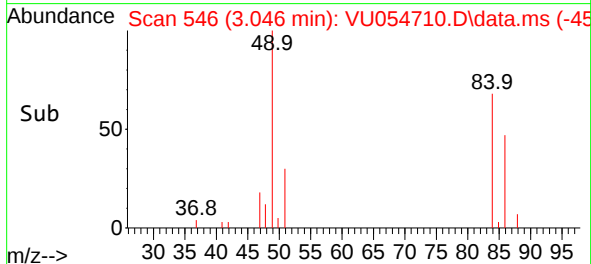
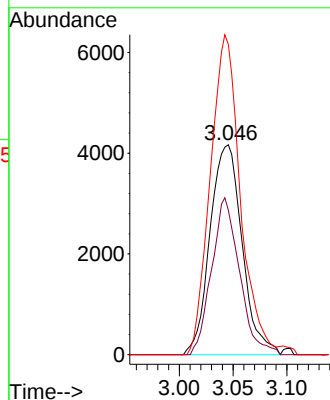
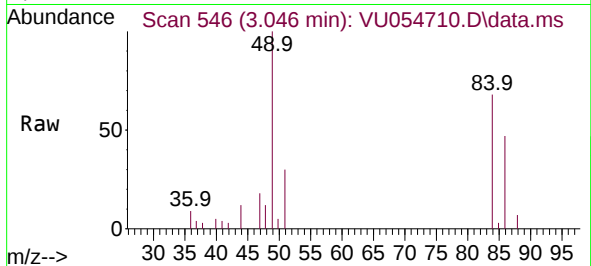




#16  
Methylene chloride  
Concen: 0.299 ug/L  
RT: 3.046 min Scan# 54  
Delta R.T. 0.003 min  
Lab File: VU054710.D  
Acq: 30 Jun 2023 10:01

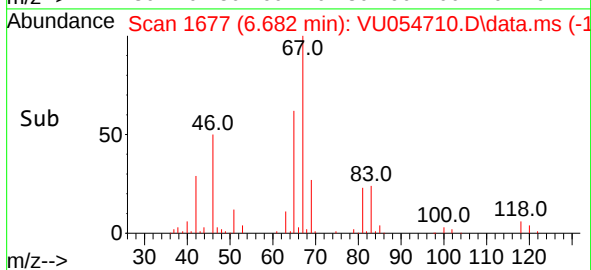
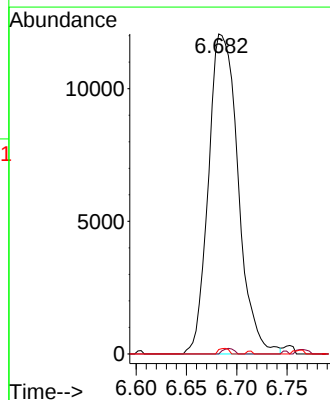
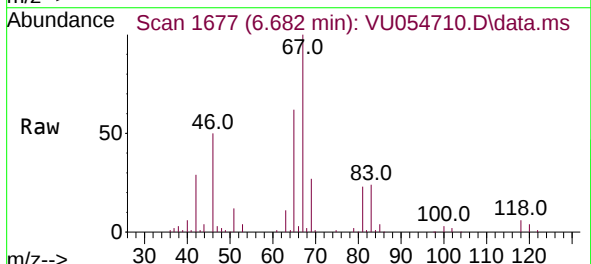
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK012

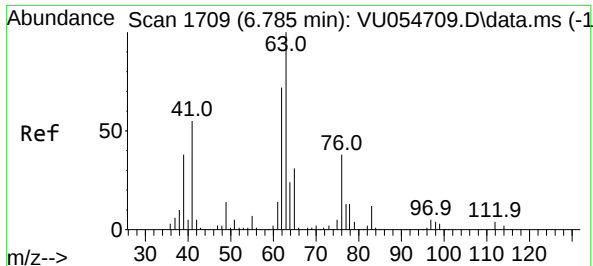
Tgt Ion: 84 Resp: 8644  
Ion Ratio Lower Upper  
84 100  
86 68.8 43.9 81.5  
49 154.7 86.1 159.9



#35  
Methylcyclohexane  
Concen: 0.628 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.077 min  
Lab File: VU054710.D  
Acq: 30 Jun 2023 10:01

Tgt Ion: 83 Resp: 24756  
Ion Ratio Lower Upper  
83 100  
55 0.6 67.1 100.7#  
98 0.6 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.420 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054710.D

Acq: 30 Jun 2023 10:01

Instrument :

MSVOA\_U

ClientSampleId :

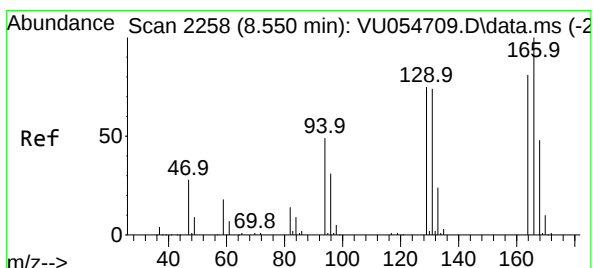
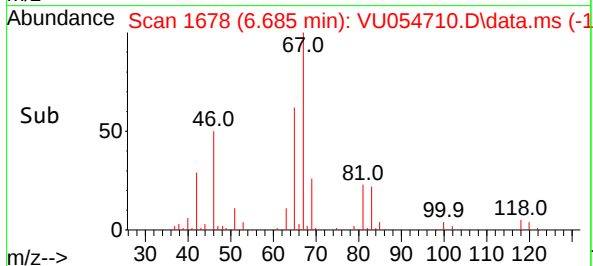
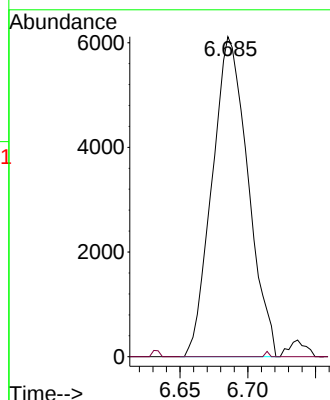
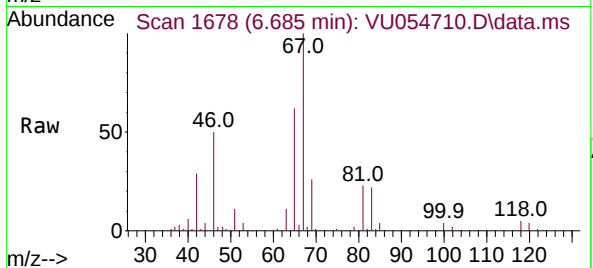
VBLK012

Tgt Ion: 63 Resp: 11217

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.489 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054710.D

Acq: 30 Jun 2023 10:01

Tgt Ion: 164 Resp: 9765

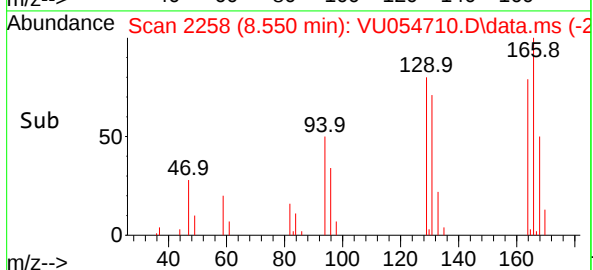
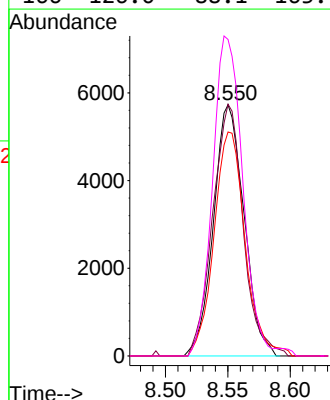
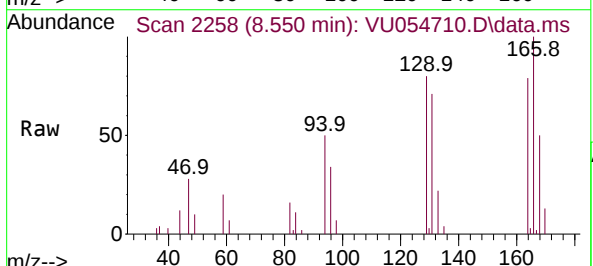
Ion Ratio Lower Upper

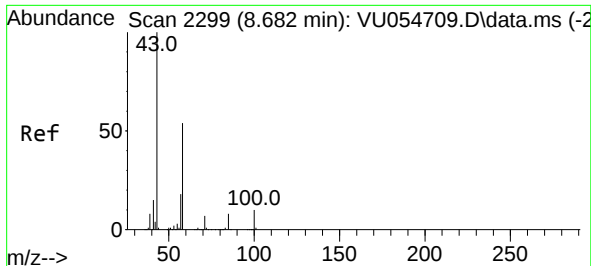
164 100

129 100.2 67.7 125.7

131 89.2 64.6 120.0

166 126.0 88.1 163.7

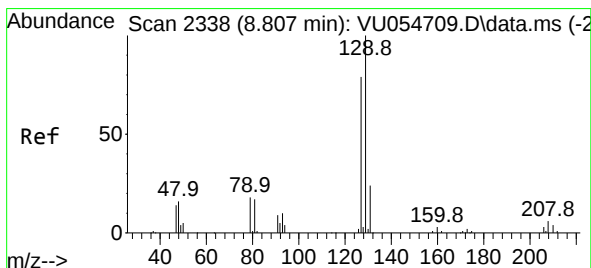
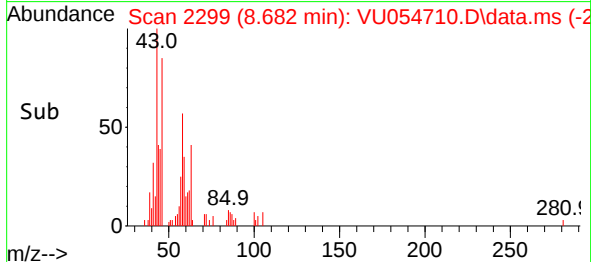
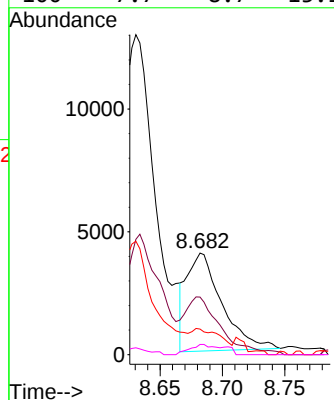
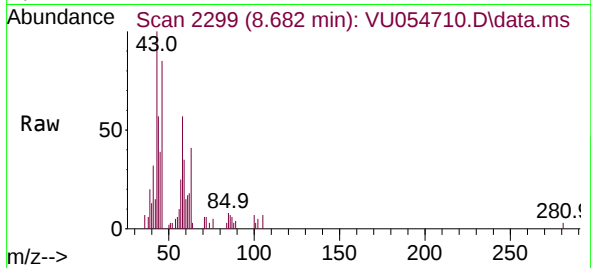




#48  
2-Hexanone  
Concen: 0.738 ug/L  
RT: 8.682 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU054710.D  
Acq: 30 Jun 2023 10:01

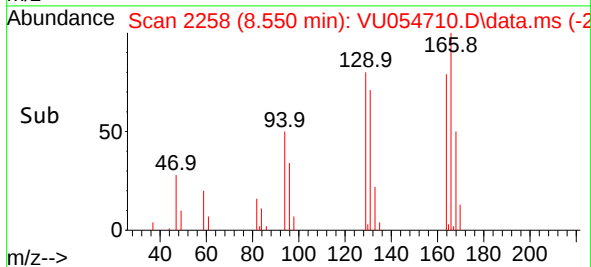
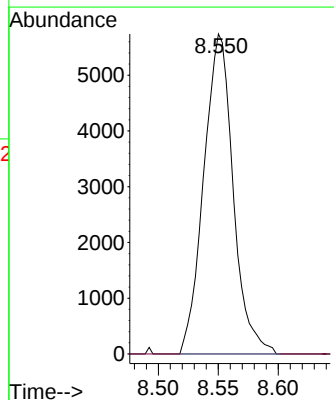
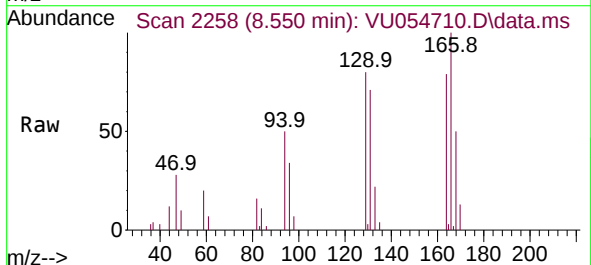
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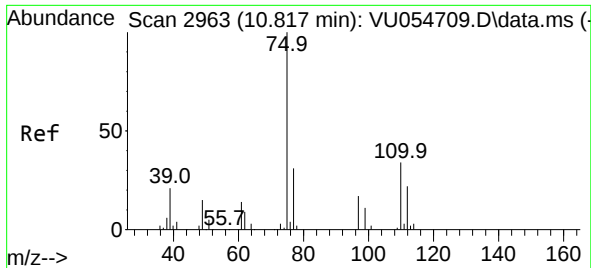
Tgt Ion: 43 Resp: 7826  
Ion Ratio Lower Upper  
43 100  
58 61.7 45.2 67.8  
57 19.4 15.8 23.6  
100 7.7 8.7 13.1#



#49  
Dibromochloromethane  
Concen: 0.550 ug/L  
RT: 8.550 min Scan# 2258  
Delta R.T. -0.257 min  
Lab File: VU054710.D  
Acq: 30 Jun 2023 10:01

Tgt Ion: 129 Resp: 9800  
Ion Ratio Lower Upper  
129 100  
127 0.0 53.2 98.8#





#61

1,2,3-Trichloropropane

Concen: 1.278 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU054710.D

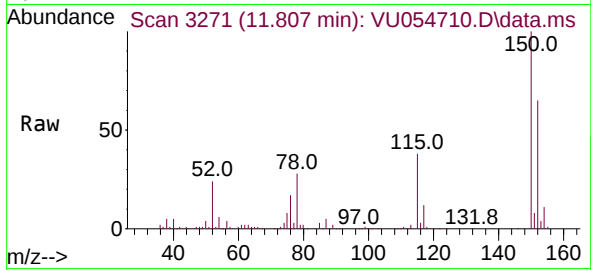
Acq: 30 Jun 2023 10:01

Instrument :

MSVOA\_U

ClientSampleId :

VBLK012



Tgt Ion: 75 Resp: 15123

Ion Ratio Lower Upper

75 100

110 2.4 28.0 42.0#

77 32.6 25.4 38.2

