

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072522\  
 Data File : VU049866.D  
 Acq On : 25 Jul 2022 14:45  
 Operator : SY/MD  
 Sample : VV0725WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK096

Quant Time: Jul 26 05:34:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 26 05:33:39 2022  
 Response via : Initial Calibration

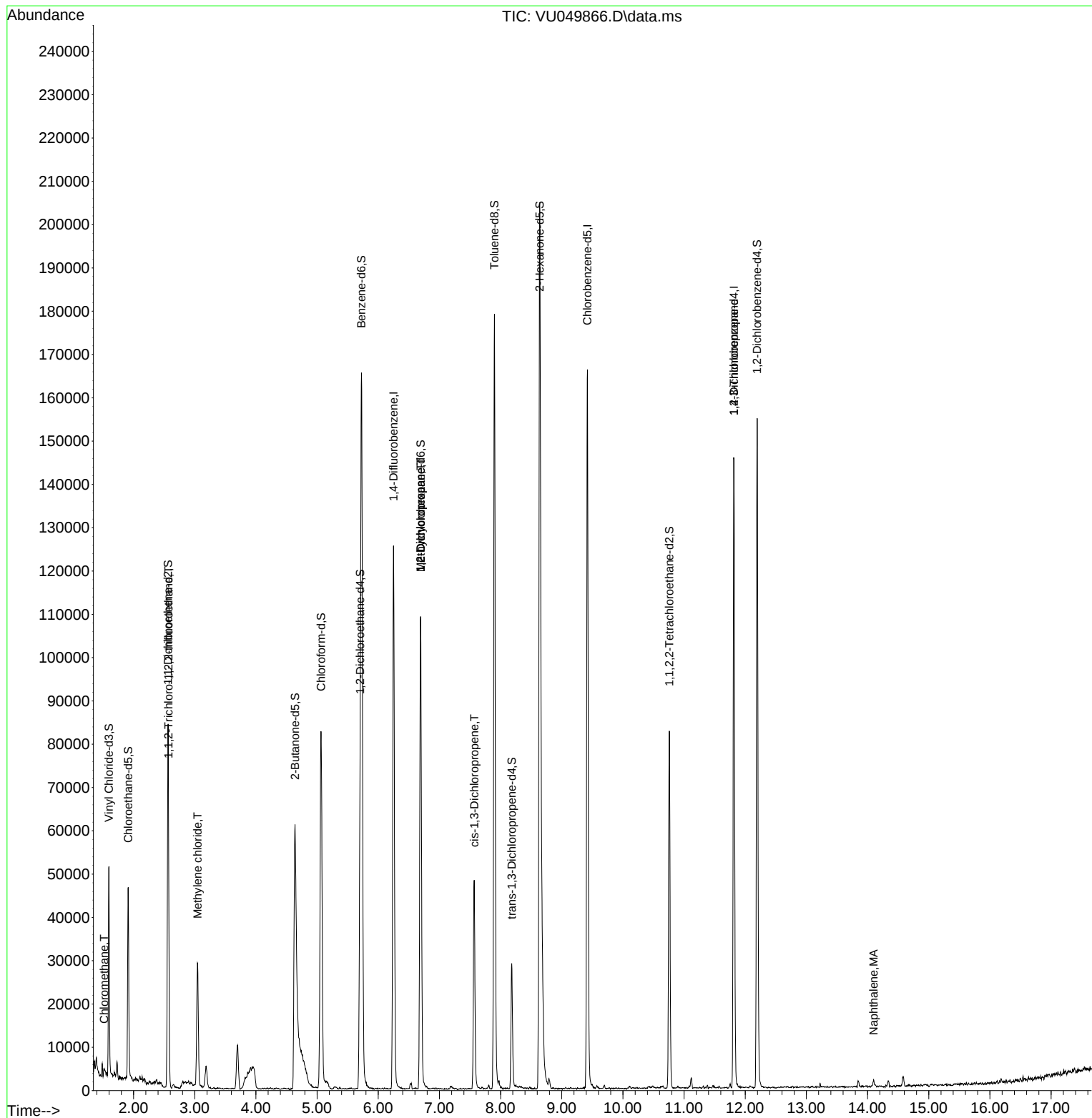
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 95547    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 88722    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815 | 152            | 37578    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 35199    | 4.550  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 91.000%  |          |
| 7) Chloroethane-d5            | 1.912  | 69             | 31100    | 4.804  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 96.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65             | 16037    | 4.645  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 92.800%  |          |
| 20) 2-Butanone-d5             | 4.639  | 46             | 107771   | 38.721 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 77.440%  |          |
| 24) Chloroform-d              | 5.067  | 84             | 77682    | 4.509  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 44675    | 4.422  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.400%  |          |
| 32) Benzene-d6                | 5.726  | 84             | 146995   | 4.862  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67             | 52074    | 4.986  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 99.800%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 118676   | 4.491  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 17154    | 4.524  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 90.400%  |          |
| 46) 2-Hexanone-d5             | 8.639  | 63             | 70656    | 47.022 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.040%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 41663    | 4.750  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 95.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 39673    | 5.115  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 102.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.520  | 50             | 1767     | 0.142  | ug/L     | 91       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101            | 369      | 0.059  | ug/L #   | 21       |
| 16) Methylene chloride        | 3.047  | 84             | 12749    | 0.895  | ug/L     | 99       |
| 35) Methylcyclohexane         | 6.693  | 83             | 11990    | 1.245  | ug/L #   | 16       |
| 37) 1,2-Dichloropropane       | 6.693  | 63             | 5846     | 0.637  | ug/L #   | 89       |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75             | 1304     | 0.108  | ug/L #   | 68       |
| 61) 1,2,3-Trichloropropane    | 11.815 | 75             | 5146     | 1.028  | ug/L #   | 66       |
| 71) Naphthalene               | 14.098 | 128            | 2185     | 0.147  | ug/L #   | 78       |
| -----                         |        |                |          |        |          |          |

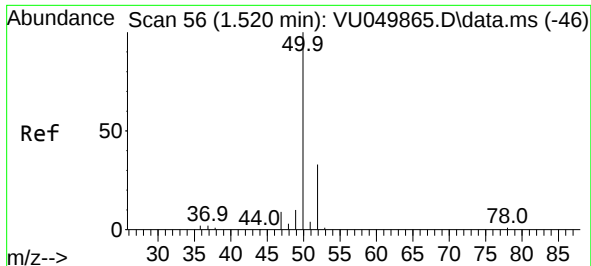
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072522\  
Data File : VU049866.D  
Acq On : 25 Jul 2022 14:45  
Operator : SY/MD  
Sample : VV0725WBL01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK096

Quant Time: Jul 26 05:34:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072222WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Jul 26 05:33:39 2022  
Response via : Initial Calibration

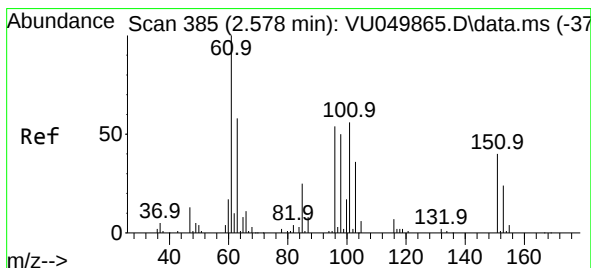
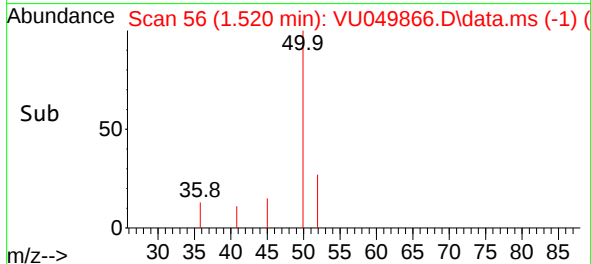
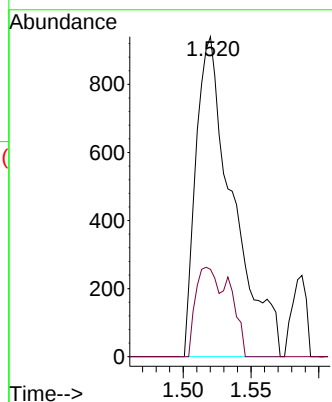
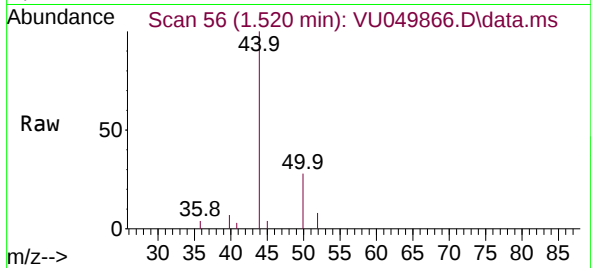




#3  
Chloromethane  
Concen: 0.142 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VU049866.D  
Acq: 25 Jul 2022 14:45

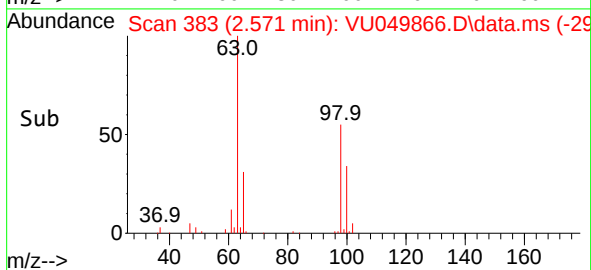
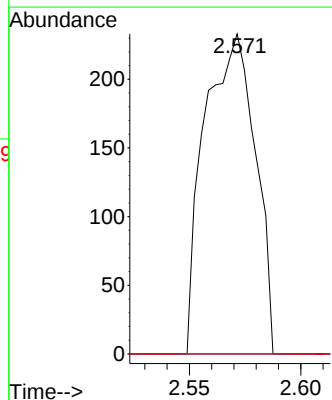
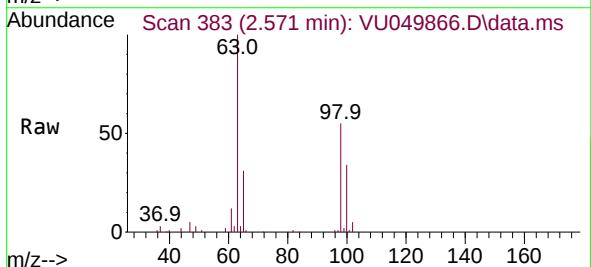
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK096

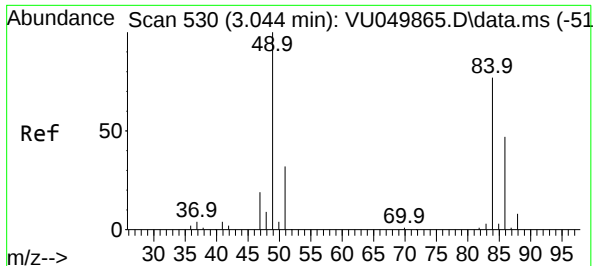
Tgt Ion: 50 Resp: 1767  
Ion Ratio Lower Upper  
50 100  
52 27.3 22.5 41.7



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.059 ug/L  
RT: 2.571 min Scan# 383  
Delta R.T. -0.007 min  
Lab File: VU049866.D  
Acq: 25 Jul 2022 14:45

Tgt Ion: 101 Resp: 369  
Ion Ratio Lower Upper  
101 100  
85 0.0 37.2 55.8#  
151 0.0 56.0 84.0#

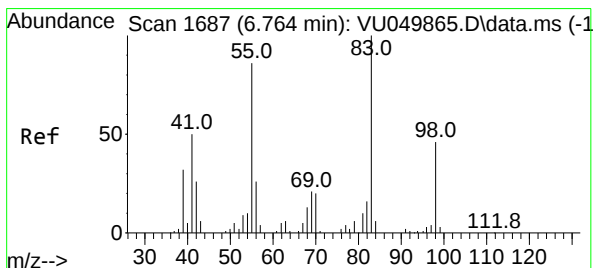
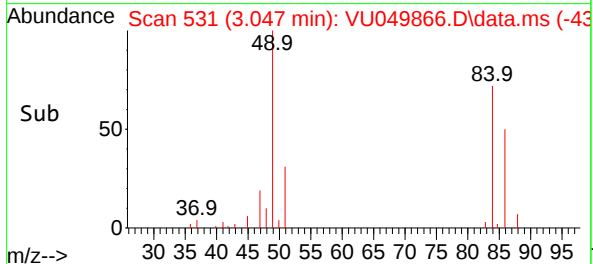
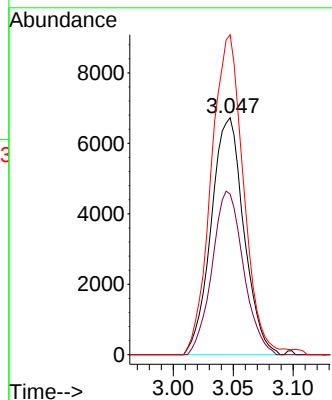
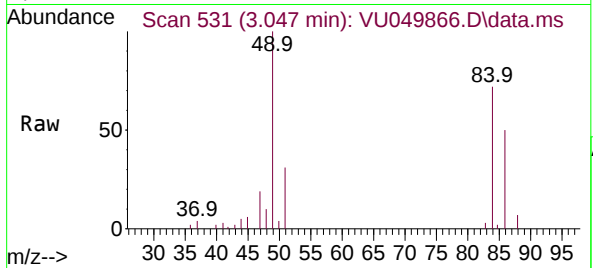




#16  
Methylene chloride  
Concen: 0.895 ug/L  
RT: 3.047 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU049866.D  
Acq: 25 Jul 2022 14:45

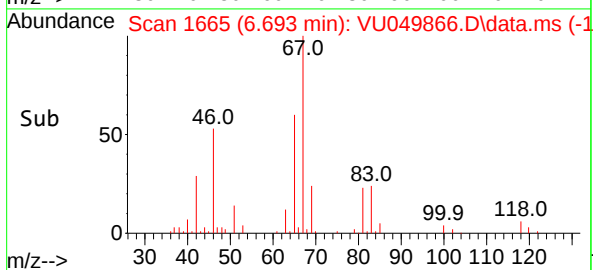
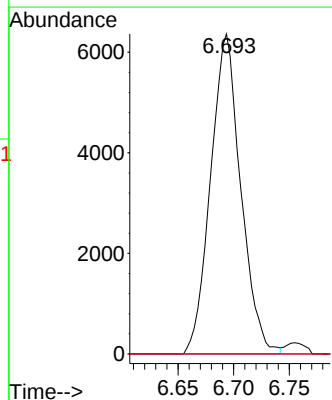
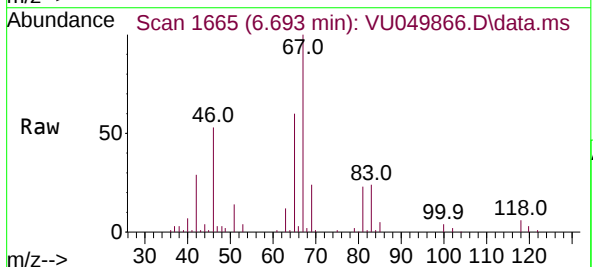
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK096

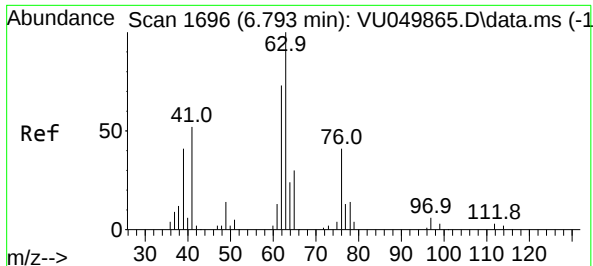
Tgt Ion: 84 Resp: 12749  
Ion Ratio Lower Upper  
84 100  
86 67.8 45.5 84.5  
49 135.0 94.1 174.8



#35  
Methylcyclohexane  
Concen: 1.245 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.071 min  
Lab File: VU049866.D  
Acq: 25 Jul 2022 14:45

Tgt Ion: 83 Resp: 11990  
Ion Ratio Lower Upper  
83 100  
55 0.0 69.0 103.4#  
98 1.6 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049866.D

Acq: 25 Jul 2022 14:45

Instrument :

MSVOA\_U

ClientSampleId :

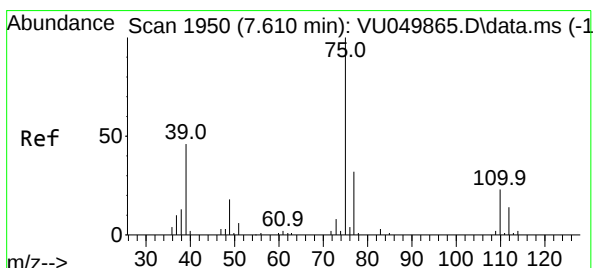
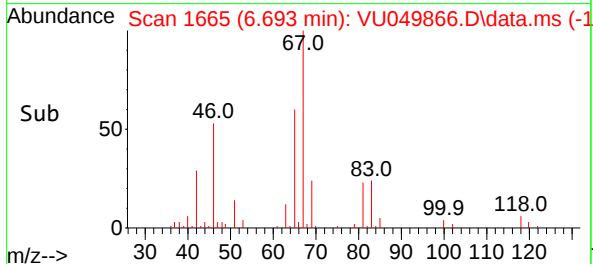
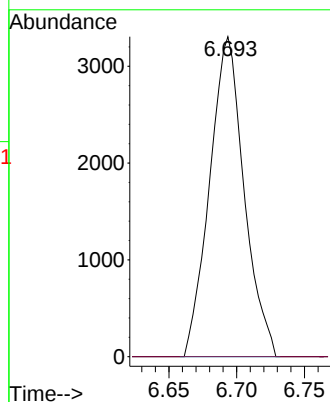
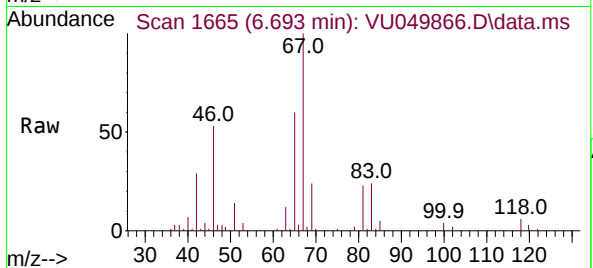
VBLK096

Tgt Ion: 63 Resp: 5846

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU049866.D

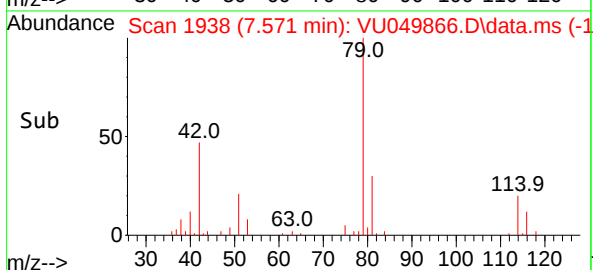
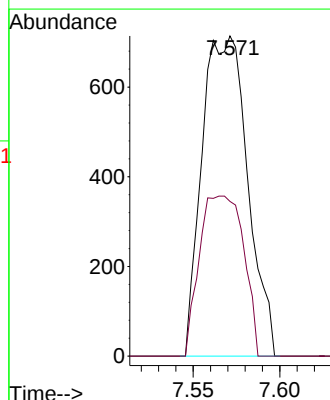
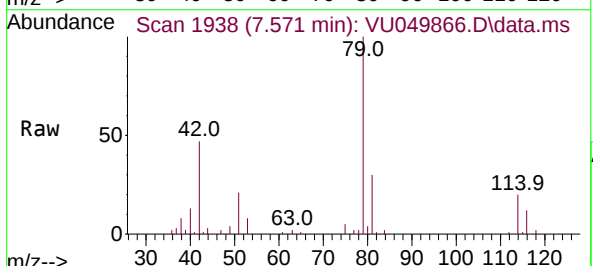
Acq: 25 Jul 2022 14:45

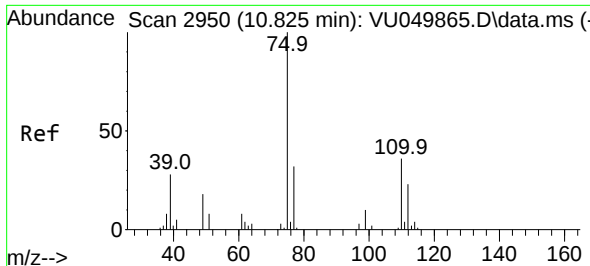
Tgt Ion: 75 Resp: 1304

Ion Ratio Lower Upper

75 100

77 48.3 21.6 40.0#

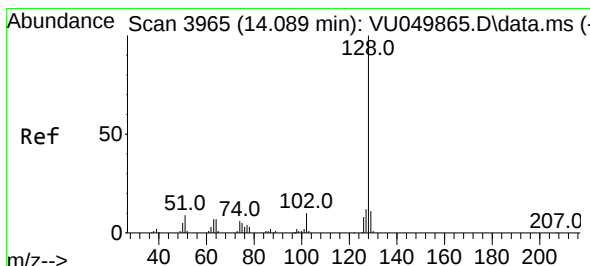
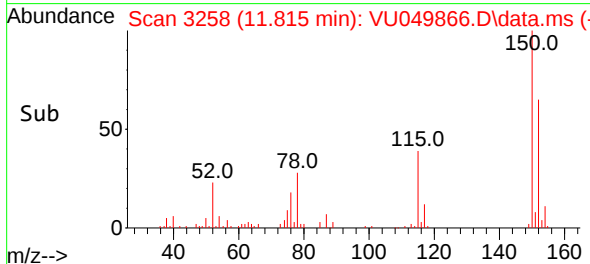
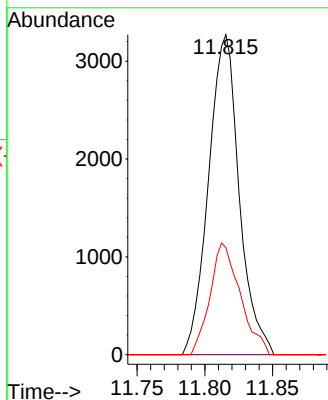
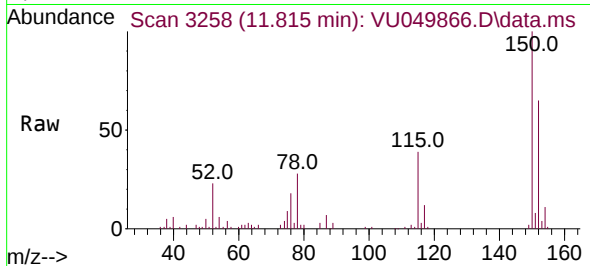




#61  
1,2,3-Trichloropropane  
Concen: 1.028 ug/L  
RT: 11.815 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU049866.D  
Acq: 25 Jul 2022 14:45

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK096

Tgt Ion: 75 Resp: 5146  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.0 42.0#  
77 34.4 25.4 38.2



#71  
Naphthalene  
Concen: 0.147 ug/L  
RT: 14.098 min Scan# 3968  
Delta R.T. 0.010 min  
Lab File: VU049866.D  
Acq: 25 Jul 2022 14:45

Tgt Ion: 128 Resp: 2185  
Ion Ratio Lower Upper  
128 100  
129 0.0 8.2 12.4#  
127 6.3 11.1 16.7#

