

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071825\  
 Data File : VU063533.D  
 Acq On : 18 Jul 2025 10:49  
 Operator : MD/SY  
 Sample : VU0718WBL01  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0718WBL01

Quant Time: Jul 18 23:47:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071625DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 17 03:49:40 2025  
 Response via : Initial Calibration

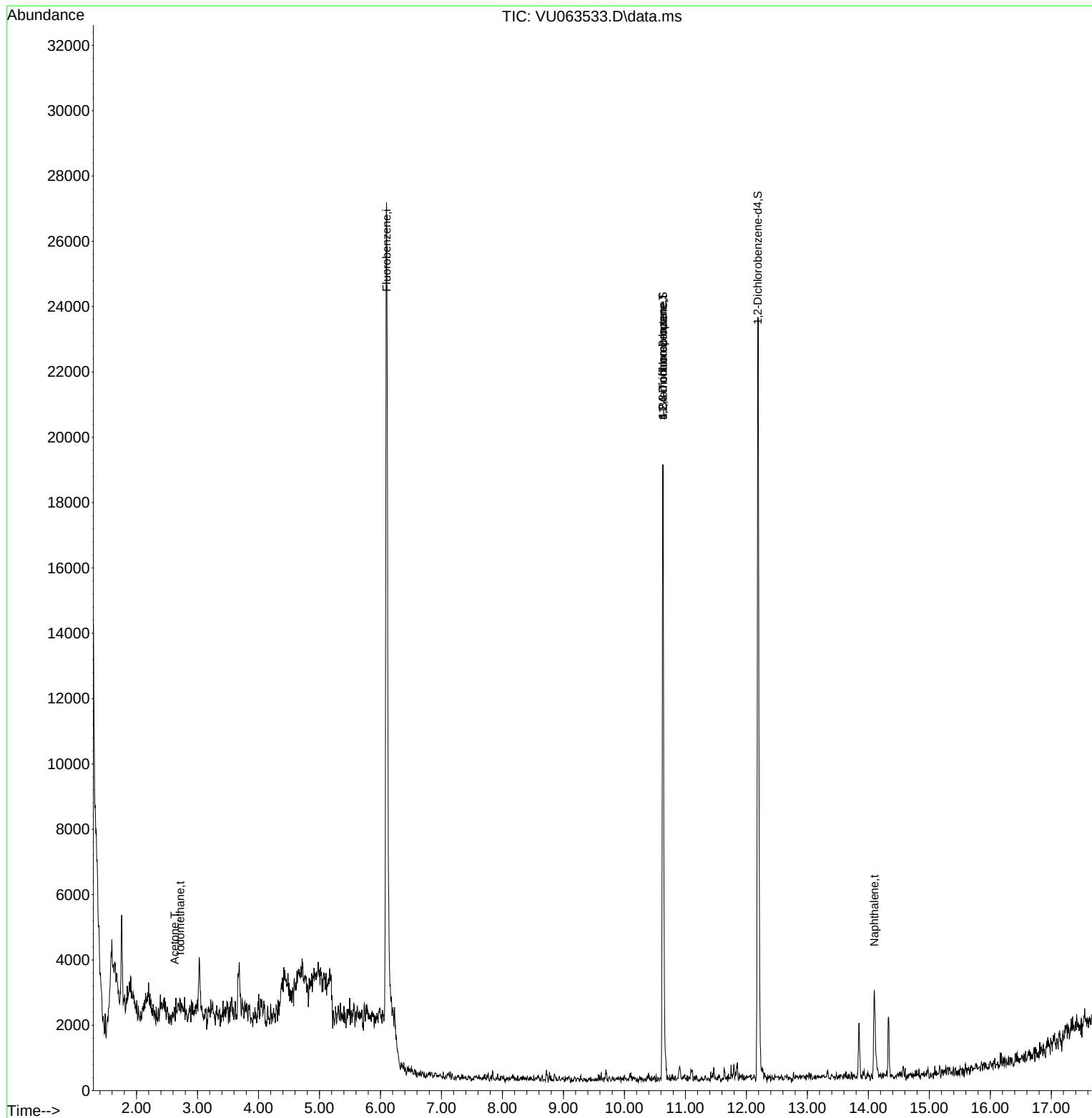
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) Fluorobenzene            | 6.100  | 96   | 25256    | 1.000 | ug/l    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |         |          |
| 57) 4-Bromofluorobenzene    | 10.630 | 95   | 7573     | 0.792 | ug/l    | 0.00     |
| Spiked Amount 1.000         |        |      | Recovery | =     | 79.000% |          |
| 68) 1,2-Dichlorobenzene-d4  | 12.187 | 152  | 6388     | 0.722 | ug/l    | 0.00     |
| Spiked Amount 1.000         |        |      | Recovery | =     | 72.000% |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       |         | Qvalue   |
| 10) Iodomethane             | 2.718  | 142  | 69       | 0.922 | ug/l #  | 29       |
| 13) Acetone                 | 2.624  | 43   | 649      | 0.494 | ug/l #  | 43       |
| 46) t-1,4-Dichloro-2-butene | 10.630 | 75   | 3834     | 2.747 | ug/l #  | 31       |
| 71) 1,2,3-Trichloropropane  | 10.630 | 75   | 3834     | 0.799 | ug/l #  | 45       |
| 89) Naphthalene             | 14.097 | 128  | 4110     | 0.262 | ug/l #  | 95       |
| -----                       |        |      |          |       |         |          |

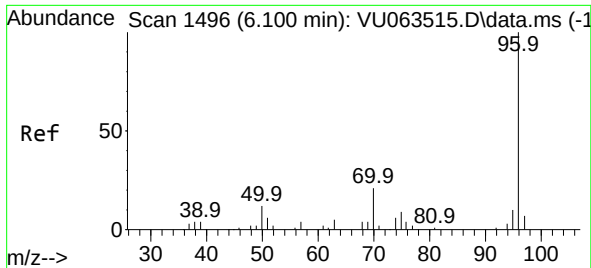
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
VU0718WBL01

Quant Time: Jul 18 23:47:58 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071625DW.M  
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
QLast Update : Thu Jul 17 03:49:40 2025  
Response via : Initial Calibration

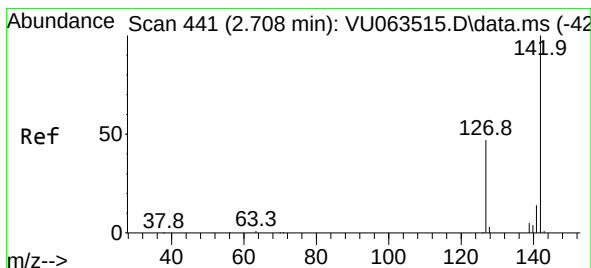
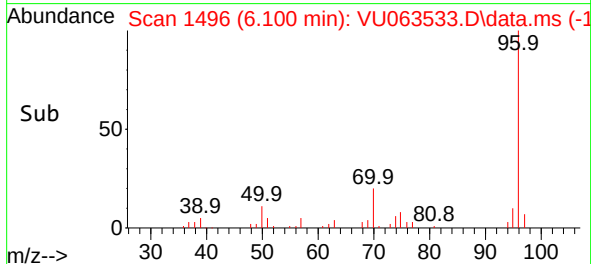
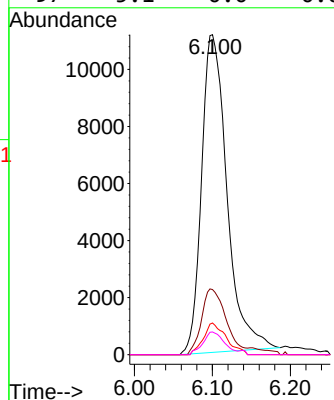
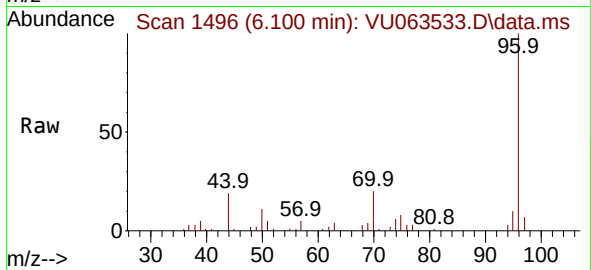




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.100 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: VU063533.D  
Acq: 18 Jul 2025 10:49

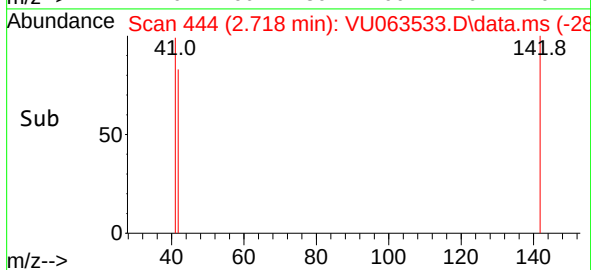
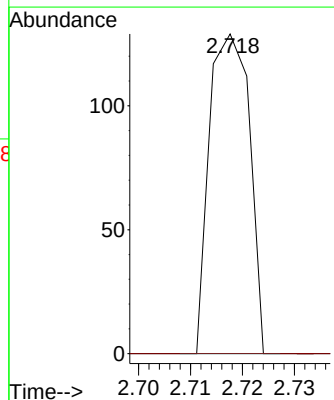
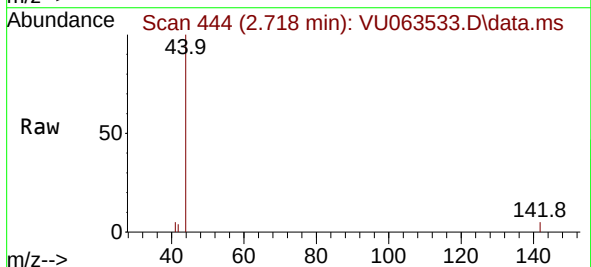
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0718WBL01

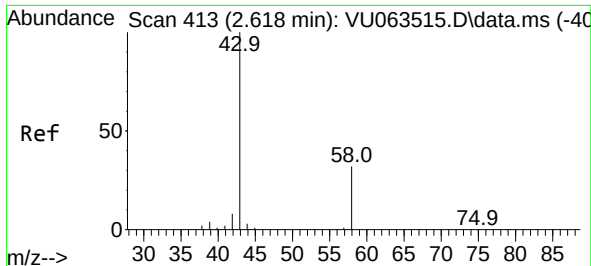
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 25256 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 17.9  | 15.0  | 22.4  |
| 95       | 8.9   | 7.4   | 11.0  |
| 97       | 5.1   | 0.0   | 0.0   |



#10  
Iodomethane  
Concen: 0.922 ug/l  
RT: 2.718 min Scan# 444  
Delta R.T. 0.010 min  
Lab File: VU063533.D  
Acq: 18 Jul 2025 10:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 69    |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 0.0   | 37.9  | 56.9  |





#13

Acetone

Concen: 0.494 ug/l

RT: 2.624 min Scan# 413

Delta R.T. 0.006 min

Lab File: VU063533.D

Acq: 18 Jul 2025 10:49

Instrument :

MSVOA\_U

ClientSampleId :

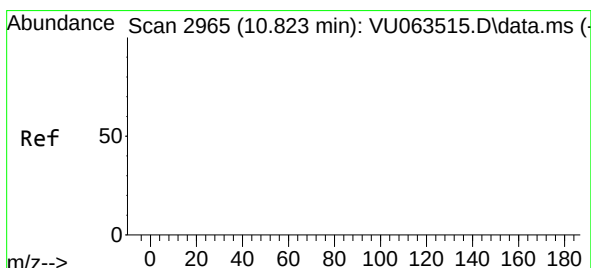
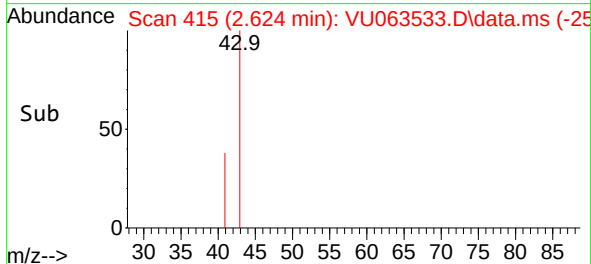
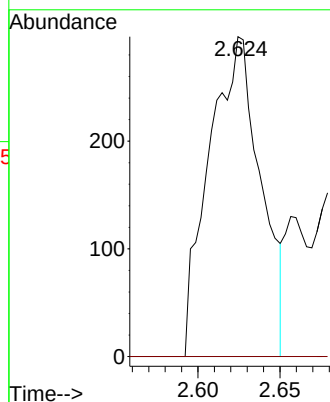
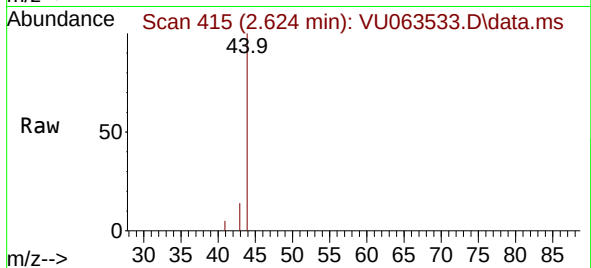
VU0718WBL01

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.0#



#46

t-1,4-Dichloro-2-butene

Concen: 2.747 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. -0.193 min

Lab File: VU063533.D

Acq: 18 Jul 2025 10:49

Tgt Ion: 75 Resp: 3834

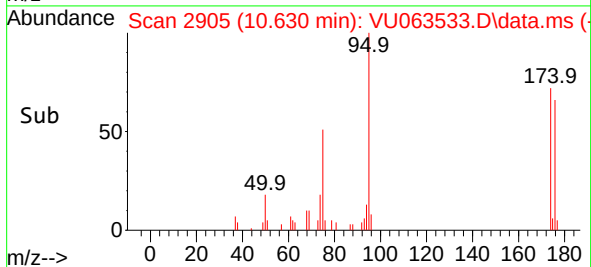
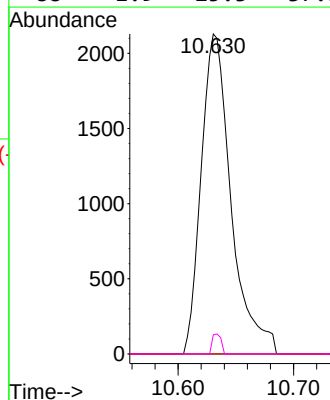
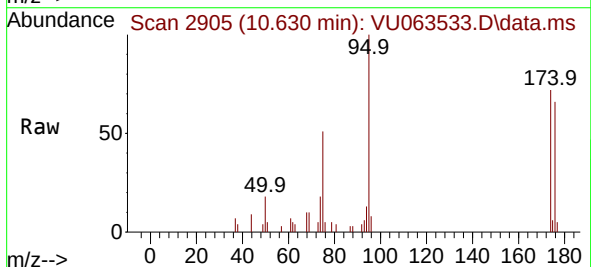
Ion Ratio Lower Upper

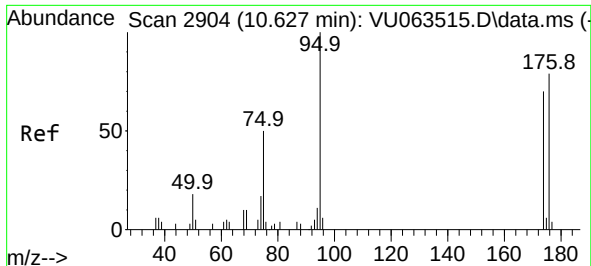
75 100

53 0.0 48.4 72.6#

89 0.0 30.6 45.8#

88 1.9 25.3 37.9#





#57

4-Bromofluorobenzene

Concen: 0.792 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU063533.D

Acq: 18 Jul 2025 10:49

Instrument :

MSVOA\_U

ClientSampleId :

VU0718WBL01

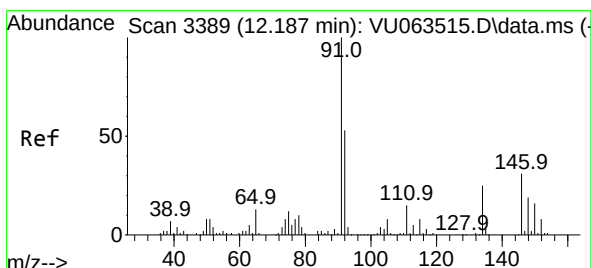
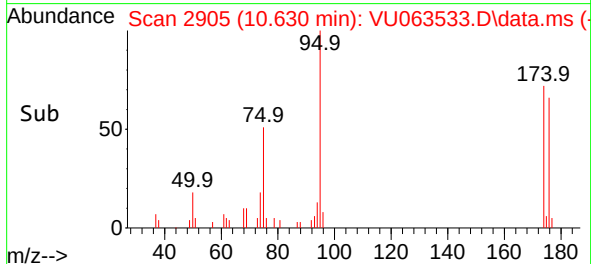
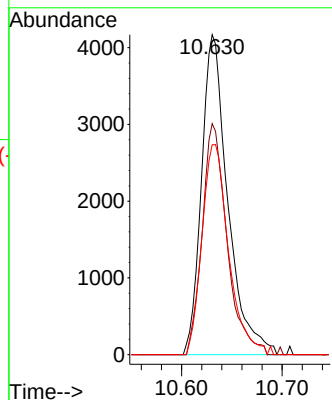
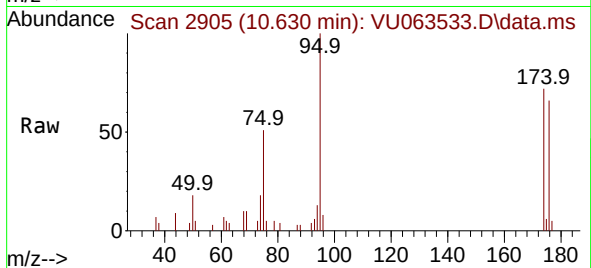
Tgt Ion: 95 Resp: 7573

Ion Ratio Lower Upper

95 100

174 68.0 59.8 89.8

176 66.6 61.8 92.8



#68

1,2-Dichlorobenzene-d4

Concen: 0.722 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063533.D

Acq: 18 Jul 2025 10:49

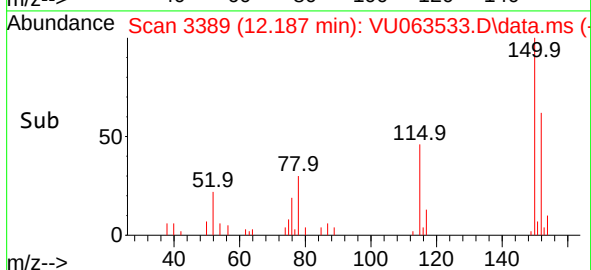
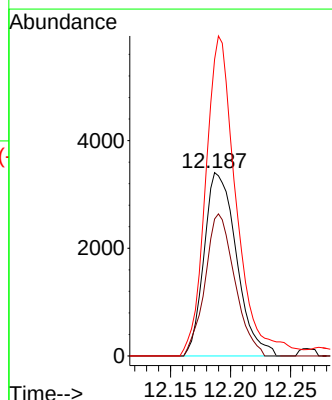
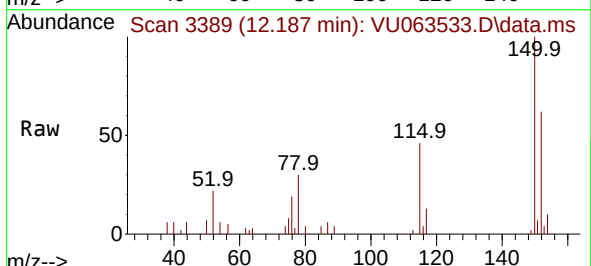
Tgt Ion:152 Resp: 6388

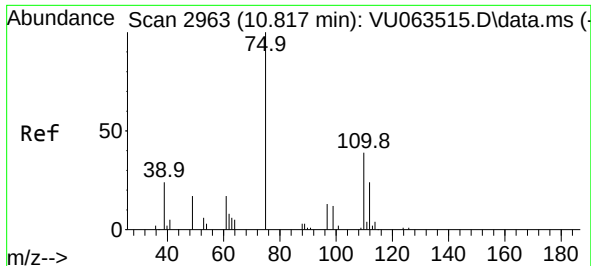
Ion Ratio Lower Upper

152 100

115 71.0 0.0 262.2

150 165.4 0.0 651.2

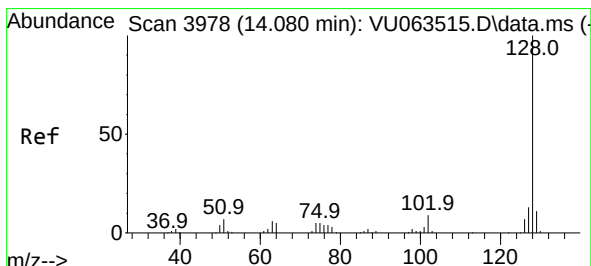
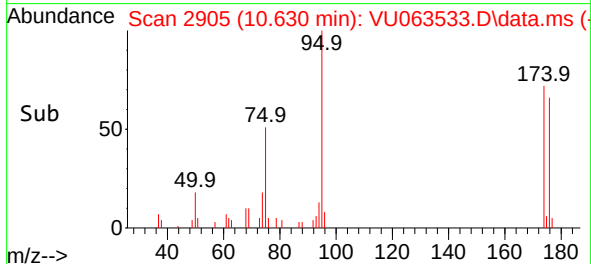
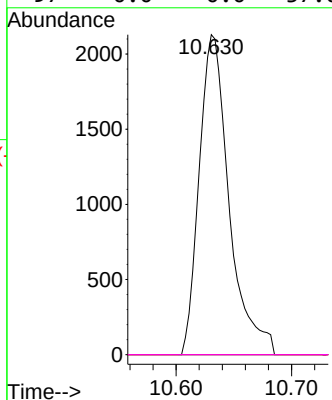
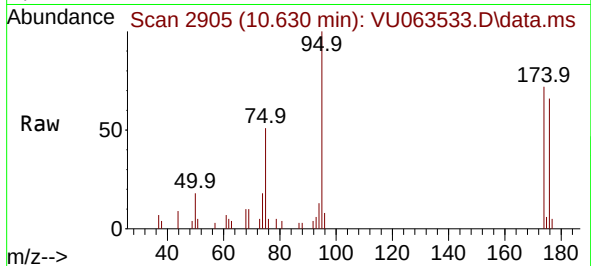




#71  
1,2,3-Trichloropropane  
Concen: 0.799 ug/l  
RT: 10.630 min Scan# 2963  
Delta R.T. -0.186 min  
Lab File: VU063533.D  
Acq: 18 Jul 2025 10:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0718WBL01

Tgt Ion: 75 Resp: 3834  
Ion Ratio Lower Upper  
75 100  
77 2.5 0.0 0.0#  
110 0.0 0.0 73.2  
97 0.0 0.0 37.6



#89  
Naphthalene  
Concen: 0.262 ug/l  
RT: 14.097 min Scan# 3983  
Delta R.T. 0.017 min  
Lab File: VU063533.D  
Acq: 18 Jul 2025 10:49

Tgt Ion: 128 Resp: 4110  
Ion Ratio Lower Upper  
128 100  
127 11.4 10.2 15.4  
129 8.5 8.8 13.2#

