

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071725\  
 Data File : VU063524.D  
 Acq On : 17 Jul 2025 14:47  
 Operator : MD/SY  
 Sample : Q2552-09DL 5X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 WS0725-PT-THM-WSDL

Quant Time: Jul 18 04:13:19 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

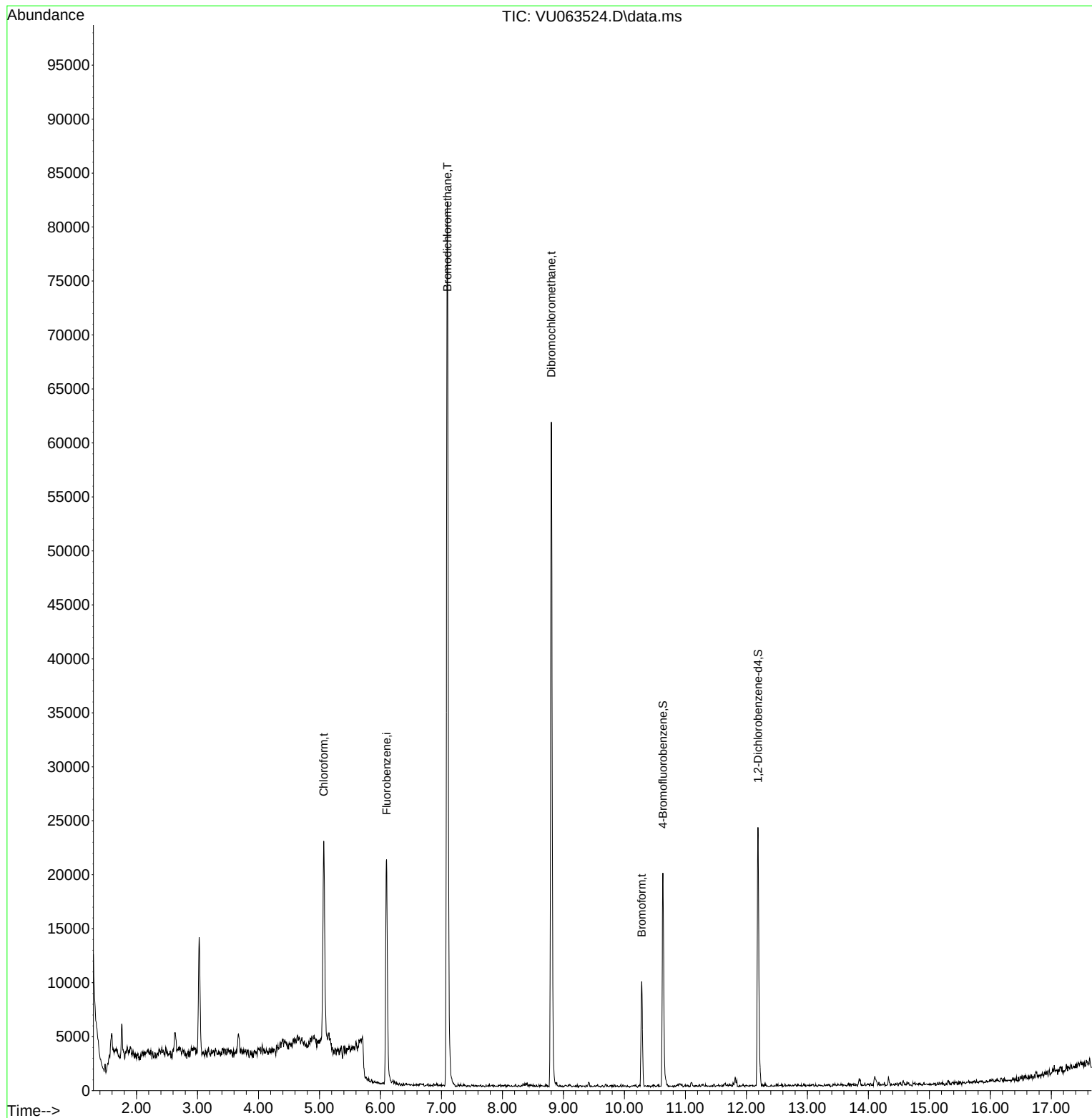
| Compound                    | R.T.   | QIon | Response | Conc  | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-------|----------|----------|
| -----                       |        |      |          |       |          |          |
| Internal Standards          |        |      |          |       |          |          |
| 1) Fluorobenzene            | 6.100  | 96   | 20483    | 1.000 | ug/l     | # 0.00   |
| System Monitoring Compounds |        |      |          |       |          |          |
| 57) 4-Bromofluorobenzene    | 10.630 | 95   | 8161     | 1.052 | ug/l     | 0.00     |
| Spiked Amount 1.000         |        |      | Recovery | =     | 105.000% |          |
| 68) 1,2-Dichlorobenzene-d4  | 12.190 | 152  | 7002     | 0.976 | ug/l     | 0.00     |
| Spiked Amount 1.000         |        |      | Recovery | =     | 98.000%  |          |
| Target Compounds            |        |      |          |       |          |          |
| 27) Chloroform              | 5.071  | 83   | 15574    | 1.363 | ug/l     | 98       |
| 44) Bromodichloromethane    | 7.097  | 83   | 54809    | 8.307 | ug/l     | 99       |
| 55) Dibromochloromethane    | 8.801  | 129  | 32139    | 7.721 | ug/l     | 96       |
| 67) Bromoform               | 10.283 | 173  | 4431     | 2.073 | ug/l #   | 97       |
| -----                       |        |      |          |       |          |          |

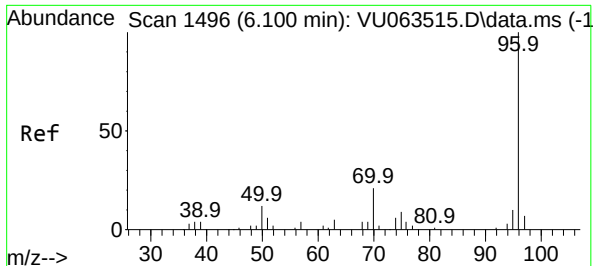
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WS0725-PT-THM-WSDL

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QLast Update : Thu Jul 17 03:49:40 2025  
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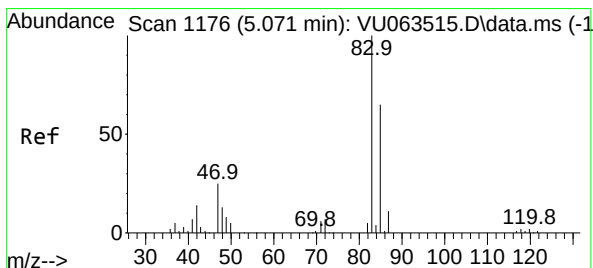
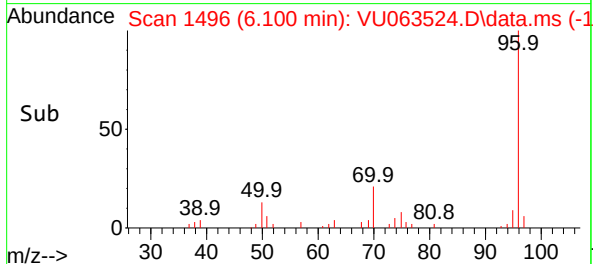
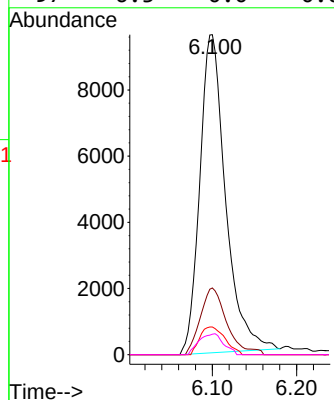
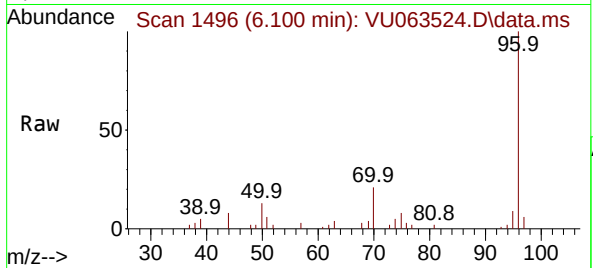




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.100 min Scan# 1496  
Delta R.T. 0.000 min  
Lab File: VU063524.D  
Acq: 17 Jul 2025 14:47

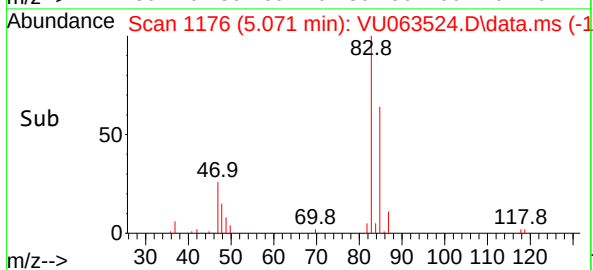
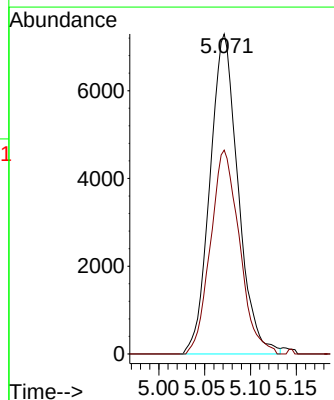
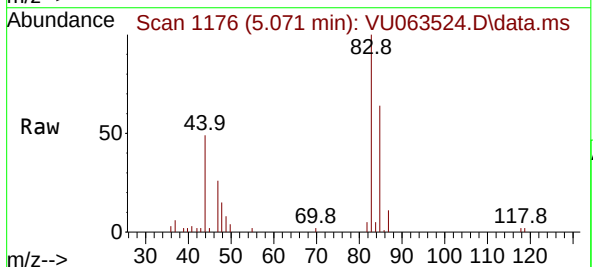
Instrument :  
MSVOA\_U  
ClientSampleId :  
WS0725-PT-THM-WSDL

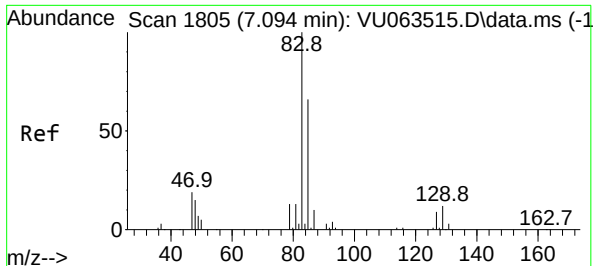
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 20483 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 70        | 21.5  | 15.0  | 22.4  |
| 95        | 8.5   | 7.4   | 11.0  |
| 97        | 6.3   | 0.0   | 0.0   |



#27  
Chloroform  
Concen: 1.363 ug/l  
RT: 5.071 min Scan# 1176  
Delta R.T. -0.000 min  
Lab File: VU063524.D  
Acq: 17 Jul 2025 14:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 15574 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.7  | 0.0   | 130.0 |

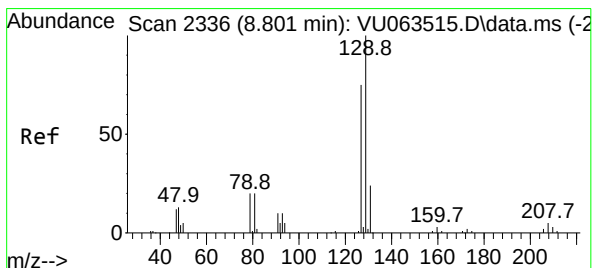
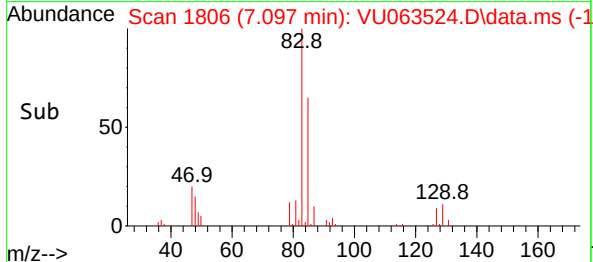
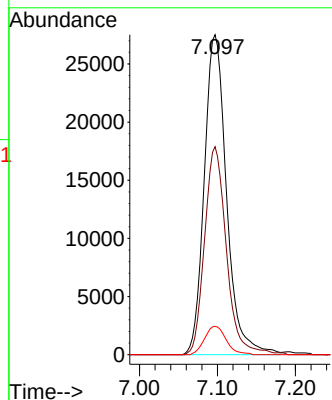
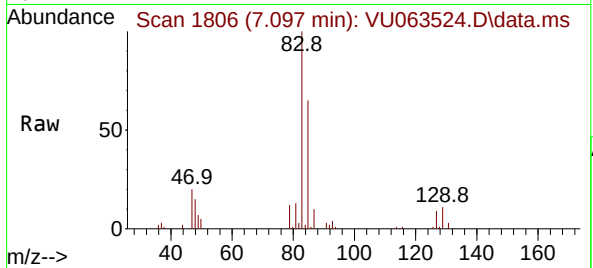




#44  
Bromodichloromethane  
Concen: 8.307 ug/l  
RT: 7.097 min Scan# 1805  
Delta R.T. 0.003 min  
Lab File: VU063524.D  
Acq: 17 Jul 2025 14:47

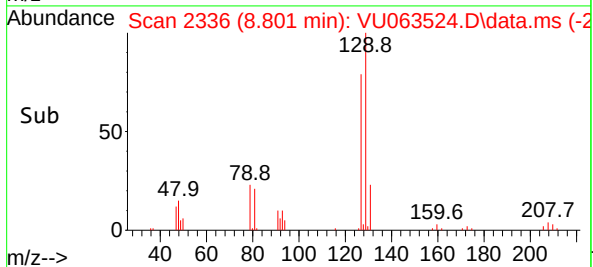
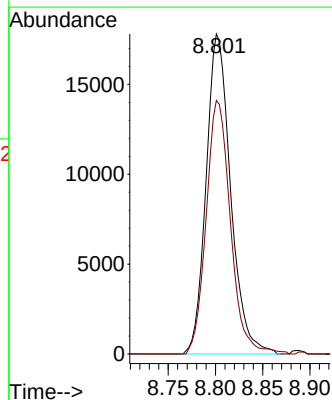
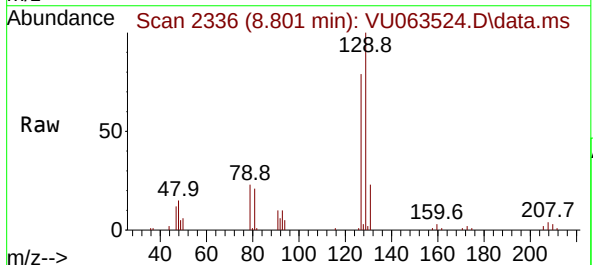
Instrument :  
MSVOA\_U  
ClientSampleId :  
WS0725-PT-THM-WSDL

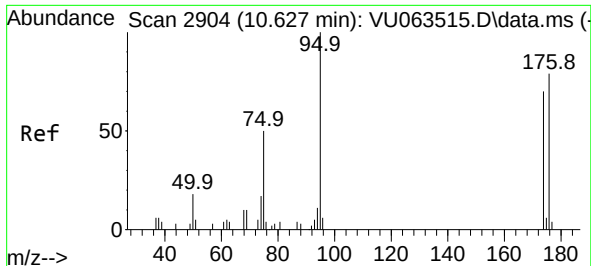
Tgt Ion: 83 Resp: 54809  
Ion Ratio Lower Upper  
83 100  
85 65.0 52.7 79.1  
127 8.9 8.1 12.1



#55  
Dibromochloromethane  
Concen: 7.721 ug/l  
RT: 8.801 min Scan# 2336  
Delta R.T. -0.000 min  
Lab File: VU063524.D  
Acq: 17 Jul 2025 14:47

Tgt Ion: 129 Resp: 32139  
Ion Ratio Lower Upper  
129 100  
127 78.4 60.1 90.1





#57

4-Bromofluorobenzene

Concen: 1.052 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU063524.D

Acq: 17 Jul 2025 14:47

Instrument :

MSVOA\_U

ClientSampleId :

WS0725-PT-THM-WSDL

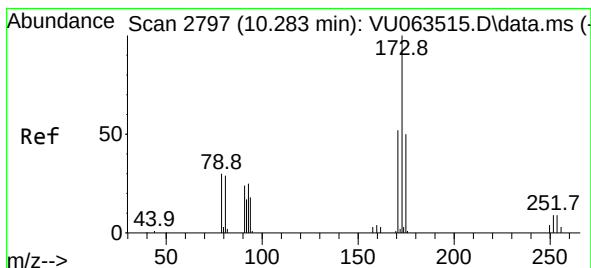
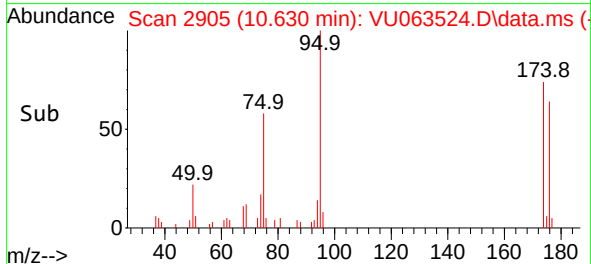
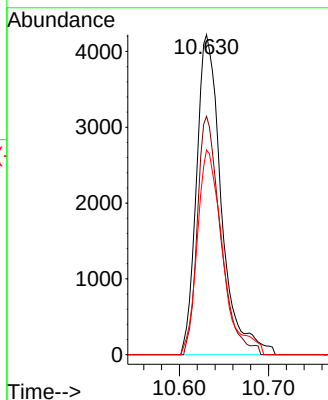
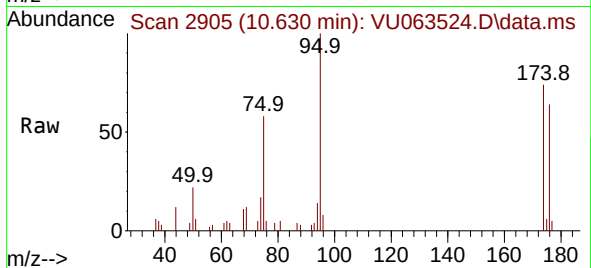
Tgt Ion: 95 Resp: 8161

Ion Ratio Lower Upper

95 100

174 69.8 59.8 89.8

176 65.8 61.8 92.8



#67

Bromoform

Concen: 2.073 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU063524.D

Acq: 17 Jul 2025 14:47

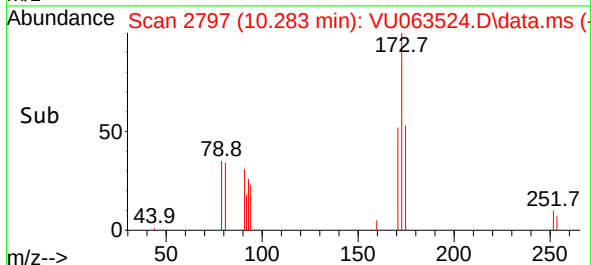
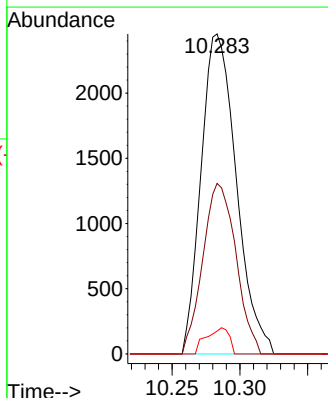
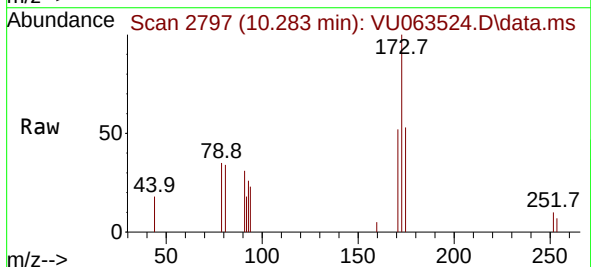
Tgt Ion: 173 Resp: 4431

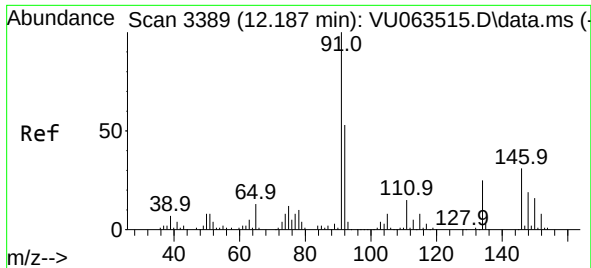
Ion Ratio Lower Upper

173 100

175 50.0 39.0 58.4

254 5.3 6.5 9.7#





#68

1,2-Dichlorobenzene-d4

Concen: 0.976 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063524.D

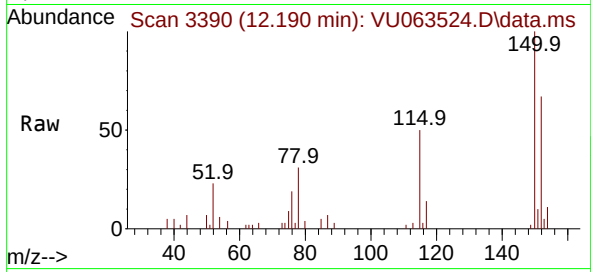
Acq: 17 Jul 2025 14:47

Instrument :

MSVOA\_U

ClientSampleId :

WS0725-PT-THM-WSDL



Tgt Ion:152 Resp: 7002

Ion Ratio Lower Upper

152 100

115 69.4 0.0 262.2

150 153.4 0.0 651.2

