

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031225\  
 Data File : VX045251.D  
 Acq On : 12 Mar 2025 16:08  
 Operator : JC/MD  
 Sample : Q1539-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TAP-TB-04-031025-T2

Quant Time: Mar 13 01:43:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

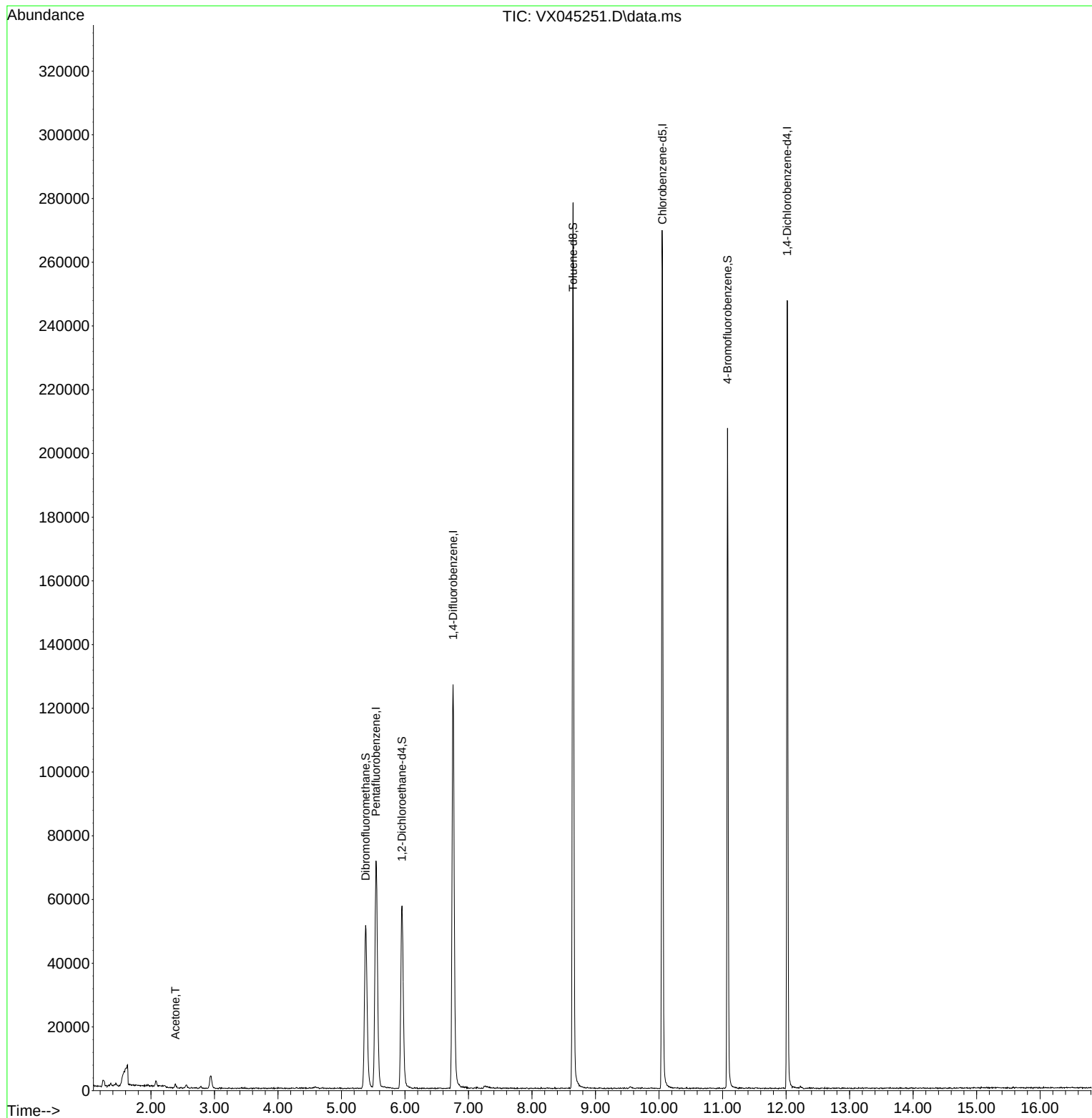
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 5.544  | 168   | 64979    | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 127269   | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 118251   | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 46701    | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 56511    | 54.675   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 109.340% |             |
| 35) Dibromofluoromethane    | 5.379  | 113   | 44507    | 52.299   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.600% |             |
| 50) Toluene-d8              | 8.647  | 98    | 161479   | 52.339   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 104.680% |             |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 54028    | 52.847   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 105.700% |             |
| Target Compounds            |        |       |          |          |            |             |
| 16) Acetone                 | 2.386  | 43    | 1340     | 2.794    | ug/l       | Qvalue # 86 |
| -----                       |        |       |          |          |            |             |

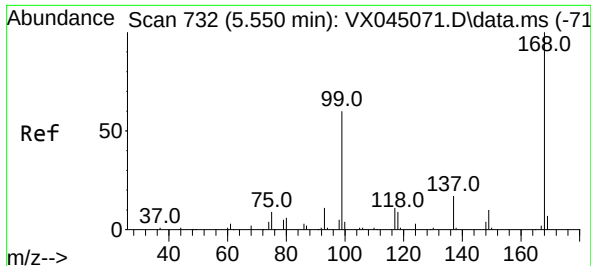
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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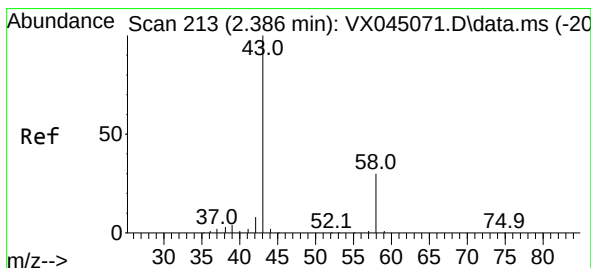
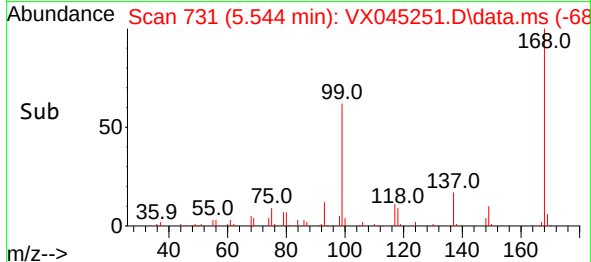
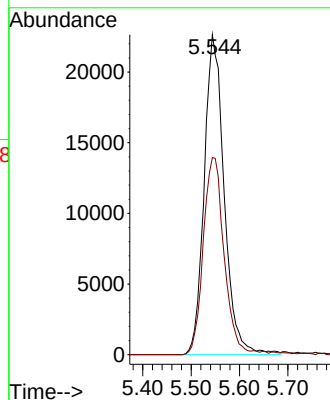
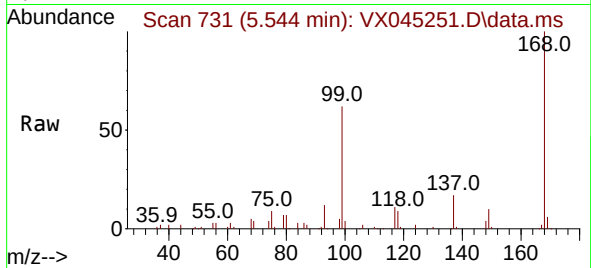




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045251.D  
Acq: 12 Mar 2025 16:08

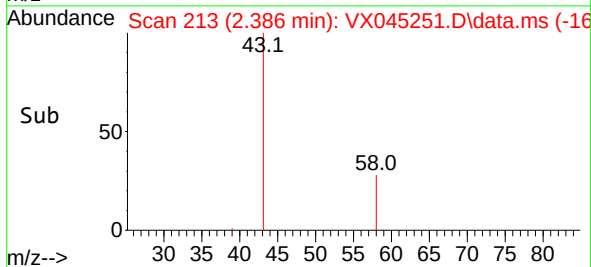
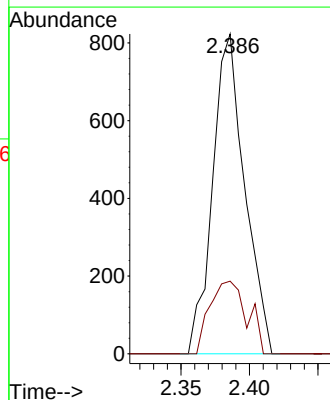
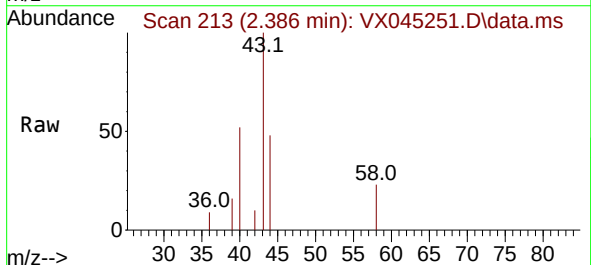
Instrument :  
MSVOA\_X  
ClientSampleId :  
TAP-TB-04-031025-T2

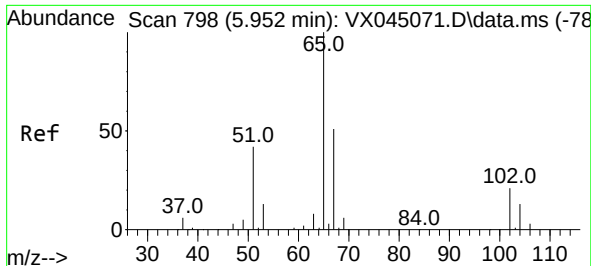
Tgt Ion:168 Resp: 64979  
Ion Ratio Lower Upper  
168 100  
99 61.6 48.2 72.4



#16  
Acetone  
Concen: 2.794 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX045251.D  
Acq: 12 Mar 2025 16:08

Tgt Ion: 43 Resp: 1340  
Ion Ratio Lower Upper  
43 100  
58 22.7 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 54.675 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045251.D

Acq: 12 Mar 2025 16:08

Instrument :

MSVOA\_X

ClientSampleId :

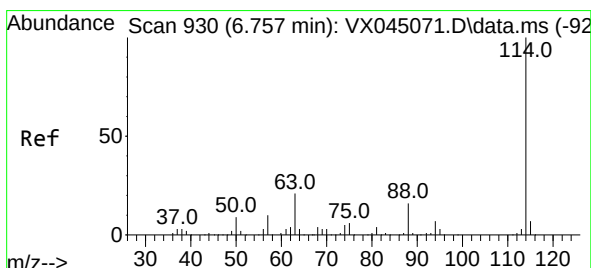
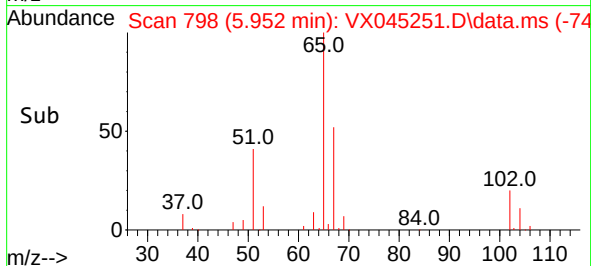
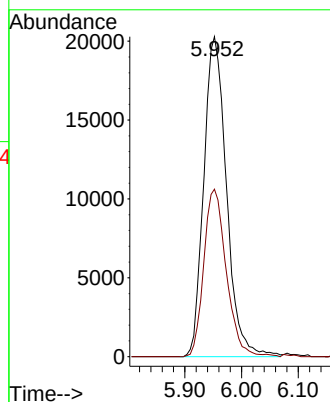
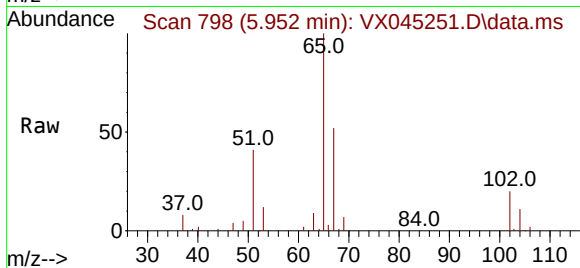
TAP-TB-04-031025-T2

Tgt Ion: 65 Resp: 56511

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045251.D

Acq: 12 Mar 2025 16:08

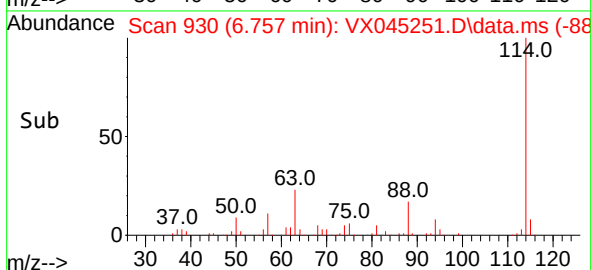
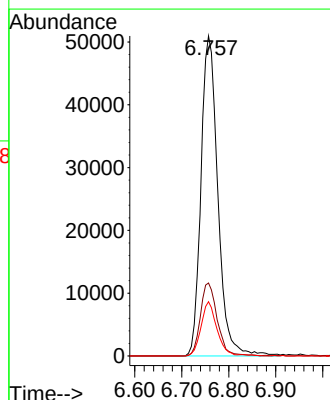
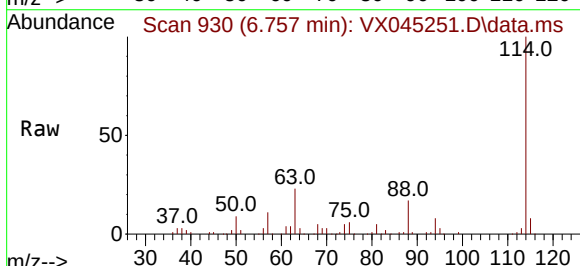
Tgt Ion: 114 Resp: 127269

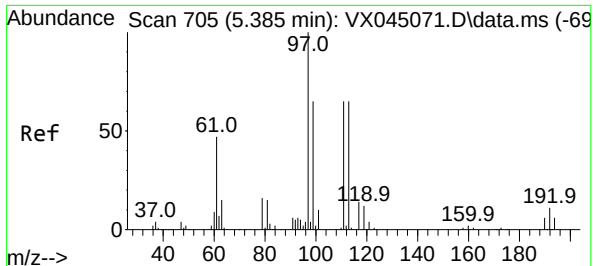
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.9 0.0 32.8

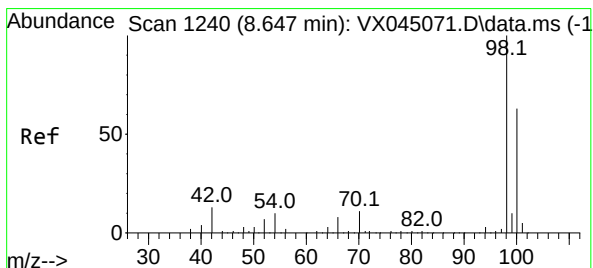
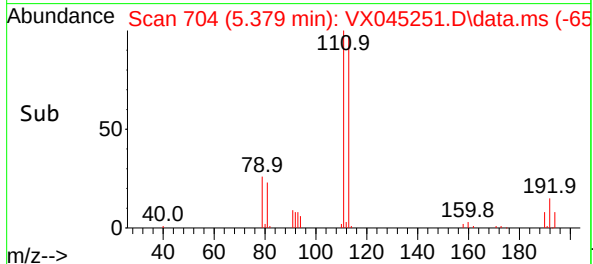
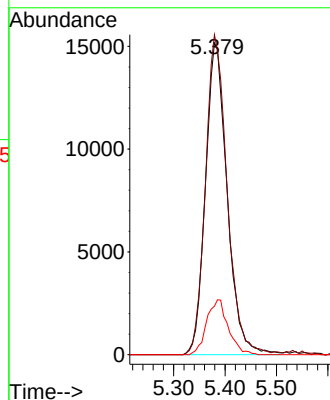
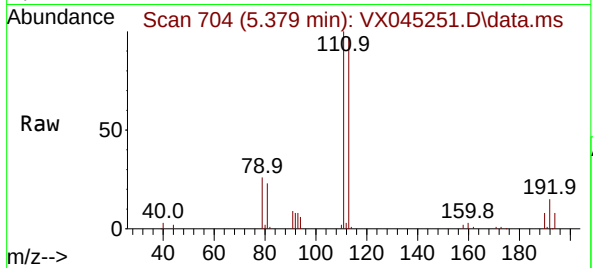




#35  
Dibromofluoromethane  
Concen: 52.299 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX045251.D  
Acq: 12 Mar 2025 16:08

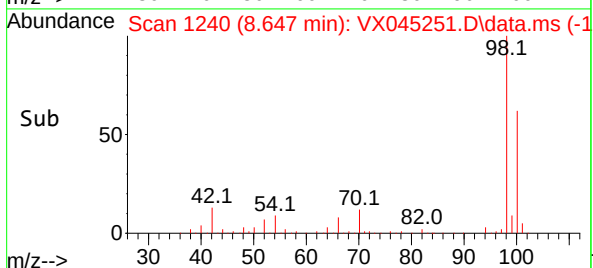
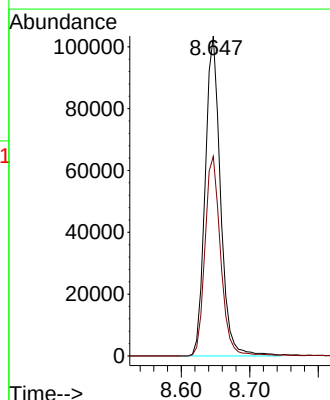
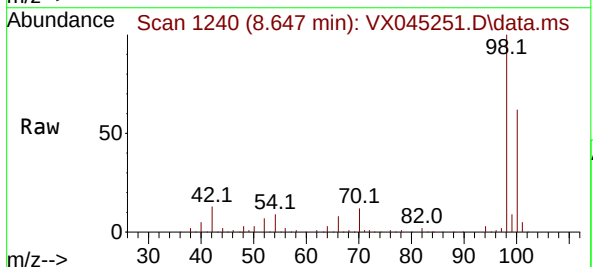
Instrument :  
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TAP-TB-04-031025-T2

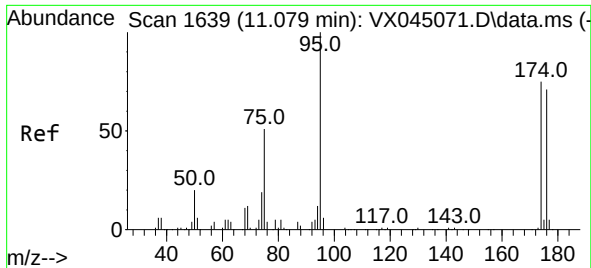
Tgt Ion:113 Resp: 44507  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.8 122.6  
192 17.5 14.3 21.5



#50  
Toluene-d8  
Concen: 52.339 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX045251.D  
Acq: 12 Mar 2025 16:08

Tgt Ion: 98 Resp: 161479  
Ion Ratio Lower Upper  
98 100  
100 63.8 52.0 78.0

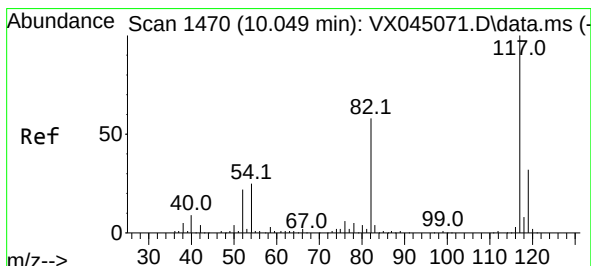
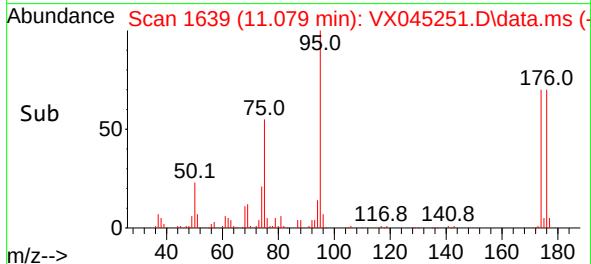
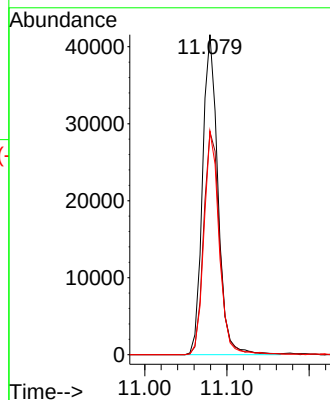
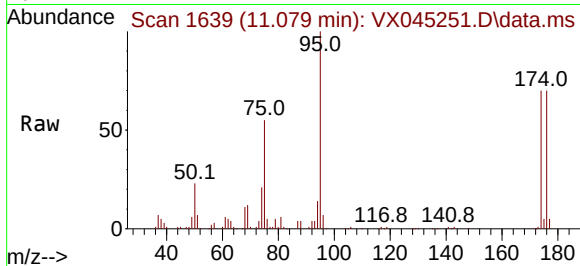




#62  
4-Bromofluorobenzene  
Concen: 52.847 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX045251.D  
Acq: 12 Mar 2025 16:08

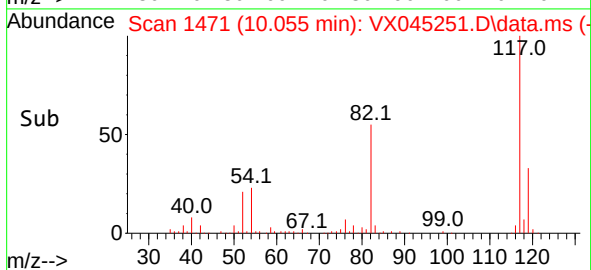
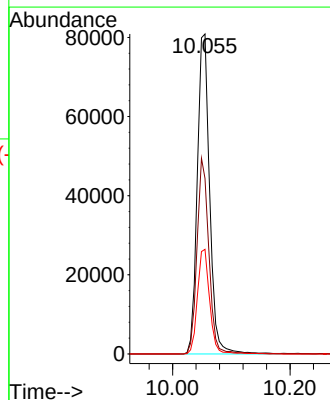
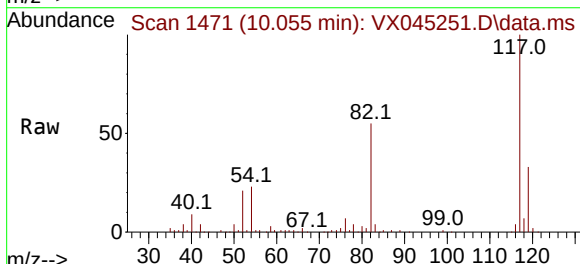
Instrument :  
MSVOA\_X  
ClientSampleId :  
TAP-TB-04-031025-T2

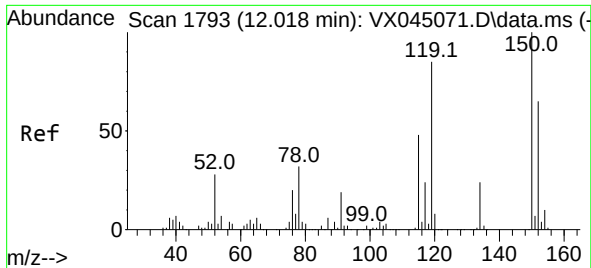
Tgt Ion: 95 Resp: 54028  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 148.2  
176 69.3 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX045251.D  
Acq: 12 Mar 2025 16:08

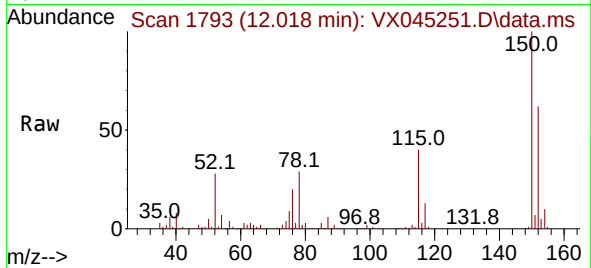
Tgt Ion: 117 Resp: 118251  
Ion Ratio Lower Upper  
117 100  
82 54.9 46.3 69.5  
119 32.7 25.7 38.5





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX045251.D  
 Acq: 12 Mar 2025 16:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TAP-TB-04-031025-T2



Tgt Ion:152 Resp: 46701  
 Ion Ratio Lower Upper  
 152 100  
 115 62.6 44.2 132.6  
 150 156.4 0.0 349.0

