

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012224\  
 Data File : VX039892.D  
 Acq On : 22 Jan 2024 18:24  
 Operator : JC/MD  
 Sample : P1215-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 23 00:20:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

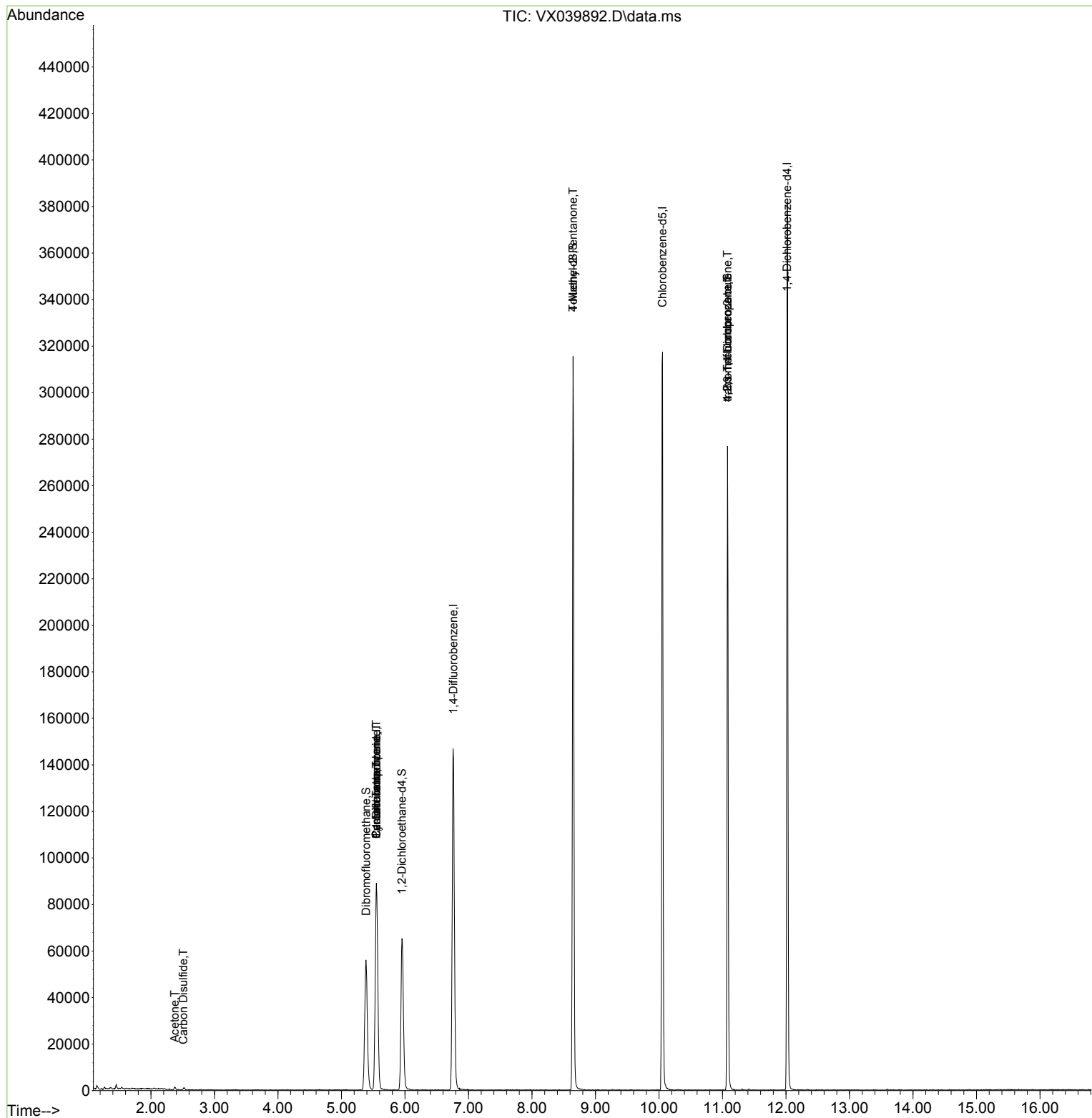
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 78834    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 144472   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 140861   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 70191    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 63176    | 47.839   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 95.680%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 49228    | 50.590   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 101.180% |
| 50) Toluene-d8                | 8.647  | 98    | 179478   | 48.904   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 97.800%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 71842    | 50.059   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 100.120% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 2.374  | 43    | 1232     | 1.659    | ug/l   | 93       |
| 17) Carbon Disulfide          | 2.508  | 76    | 727      | 0.267    | ug/l # | 76       |
| 31) Cyclohexane               | 5.550  | 56    | 2123     | 1.218    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 7209     | 4.760    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 9097     | 6.558    | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 916      | 0.449    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 40135    | 22.055   | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 40135    | 63.987   | ug/l # | 5        |
| -----                         |        |       |          |          |        |          |

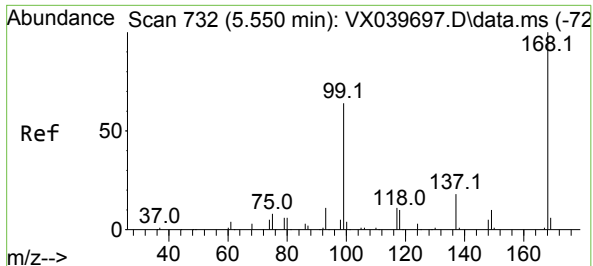
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P1215-02  
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Instrument :  
MSVOA\_X  
ClientSampleId :

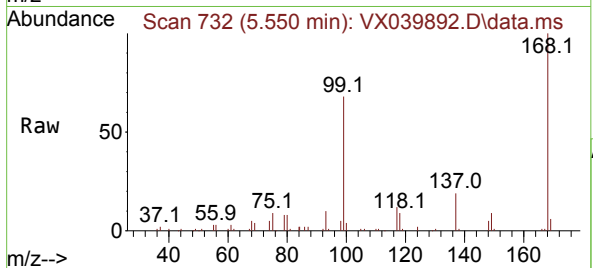
Quant Time: Jan 23 00:20:47 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration



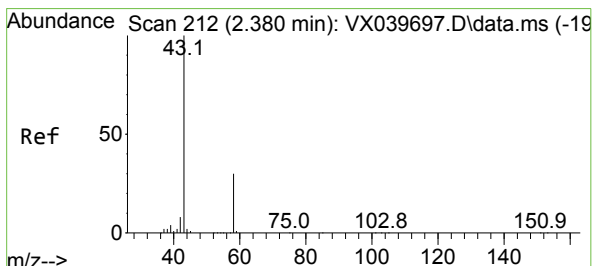
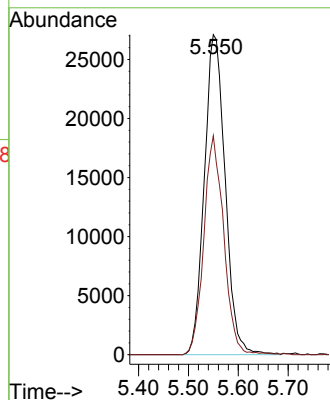
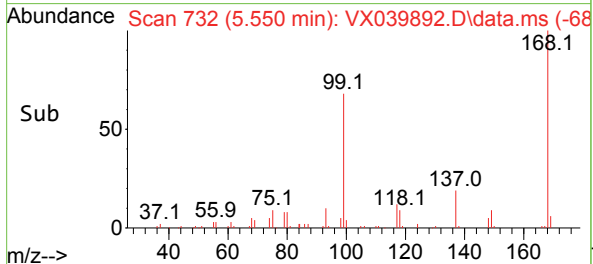


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Instrument :  
MSVOA\_X  
ClientSampleId :

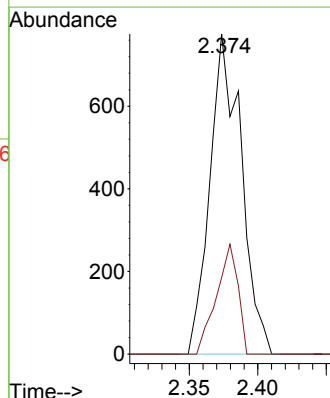
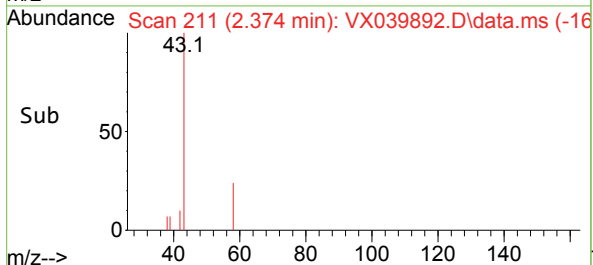
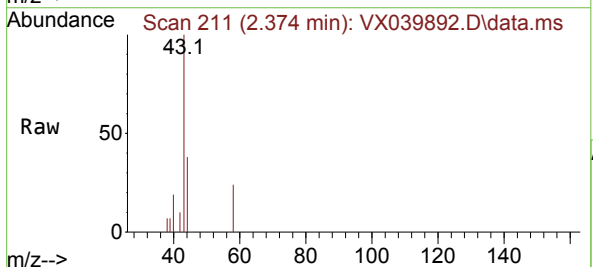


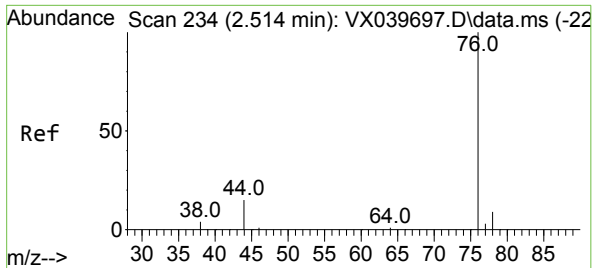
Tgt Ion:168 Resp: 78834  
Ion Ratio Lower Upper  
168 100  
99 68.4 56.6 85.0



#16  
Acetone  
Concen: 1.659 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

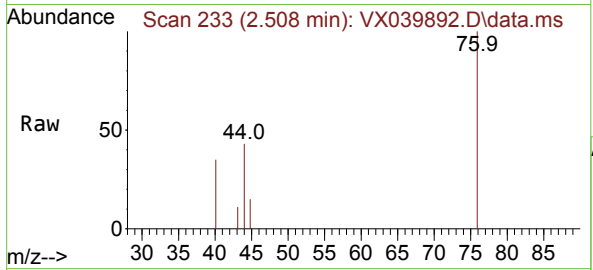
Tgt Ion: 43 Resp: 1232  
Ion Ratio Lower Upper  
43 100  
58 23.9 21.9 32.9



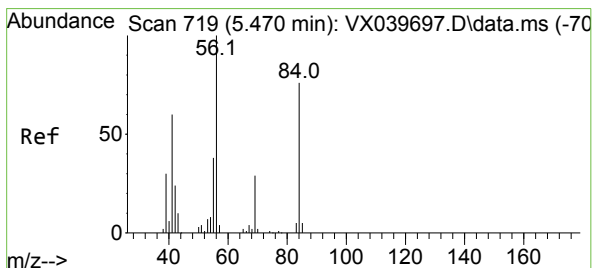
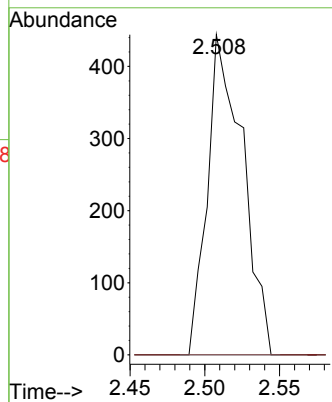
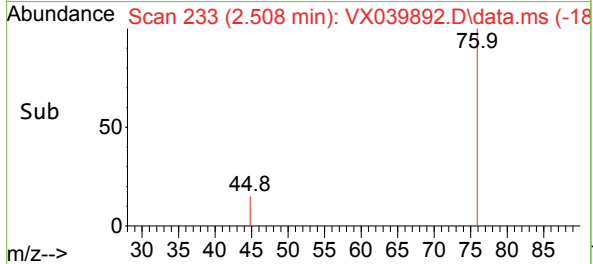


#17  
Carbon Disulfide  
Concen: 0.267 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Instrument :  
MSVOA\_X  
ClientSampleId :

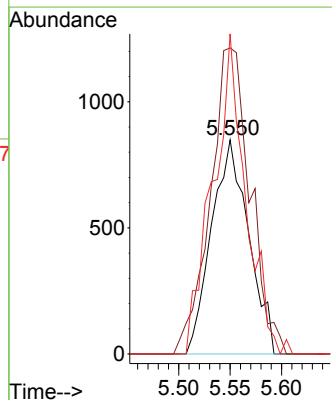
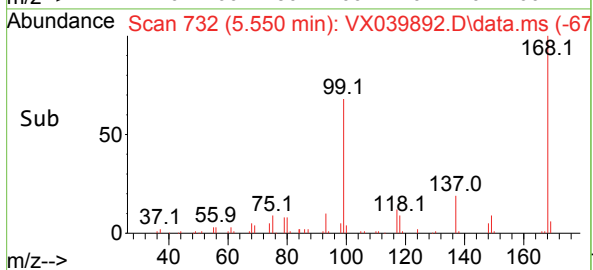
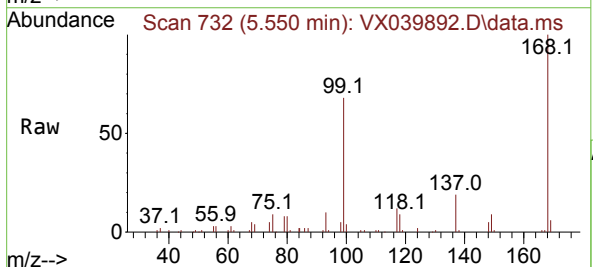


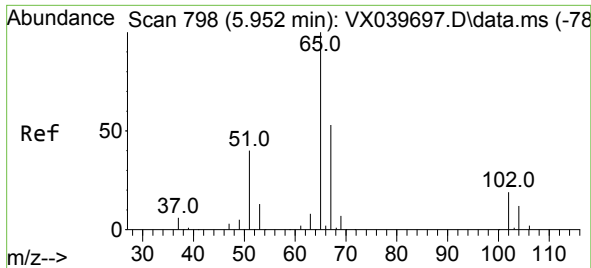
Tgt Ion: 76 Resp: 727  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.0 10.6#



#31  
Cyclohexane  
Concen: 1.218 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.079 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Tgt Ion: 56 Resp: 2123  
Ion Ratio Lower Upper  
56 100  
69 136.0 23.4 35.2#  
84 149.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.839 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039892.D

Acq: 22 Jan 2024 18:24

Instrument :

MSVOA\_X

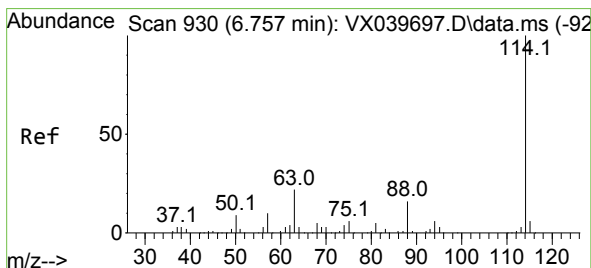
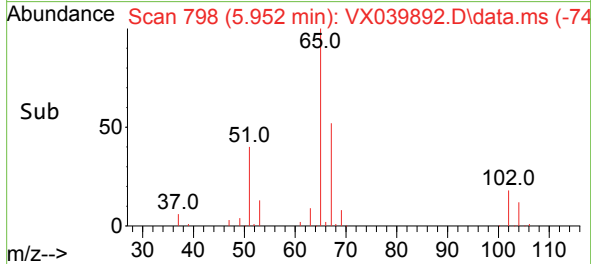
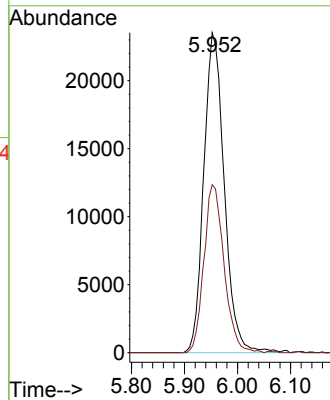
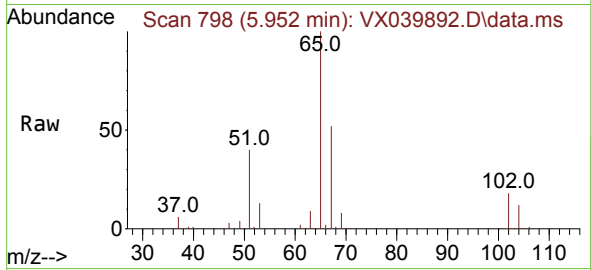
ClientSampleId :

Tgt Ion: 65 Resp: 63176

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039892.D

Acq: 22 Jan 2024 18:24

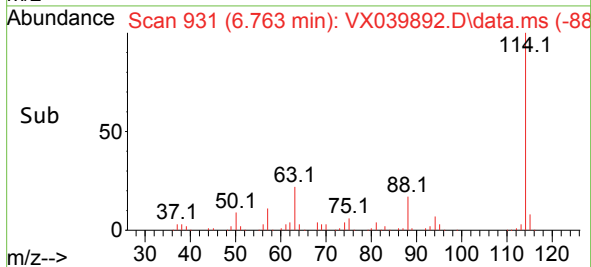
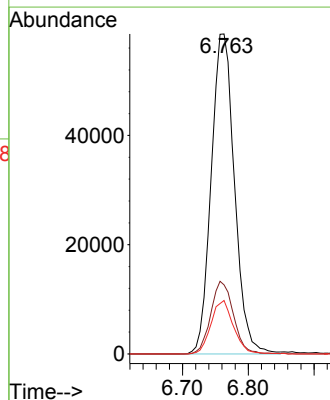
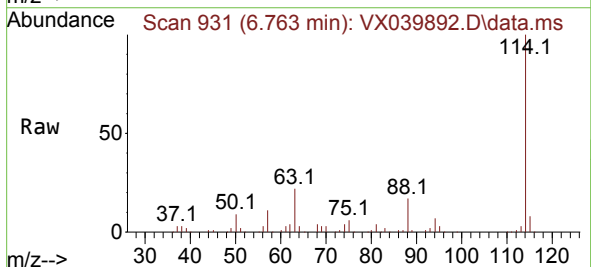
Tgt Ion: 114 Resp: 144472

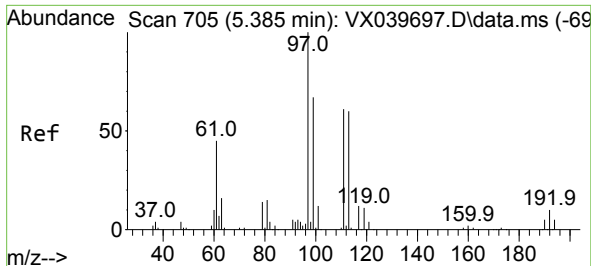
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

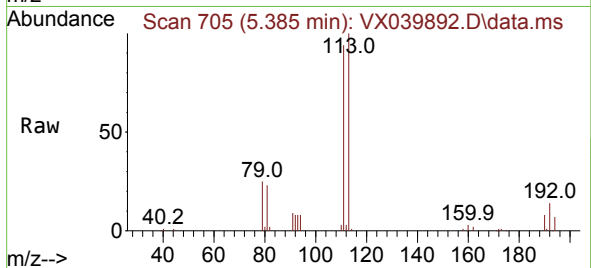
88 16.7 0.0 36.6



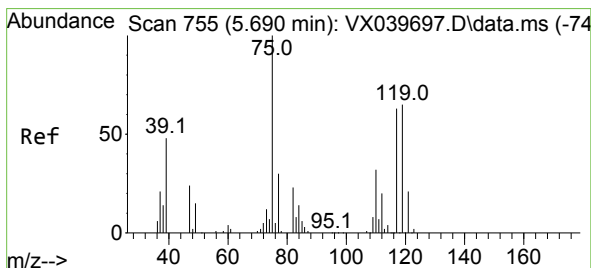
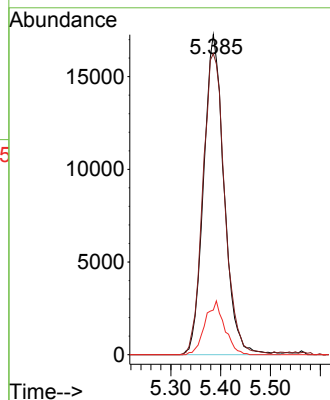
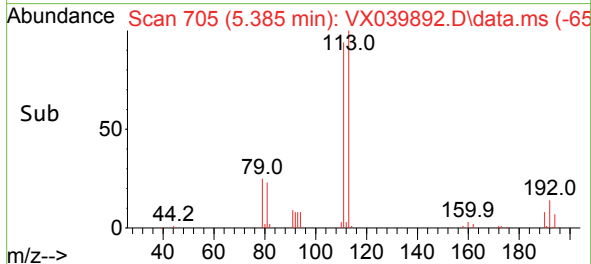


#35  
Dibromofluoromethane  
Concen: 50.590 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Instrument :  
MSVOA\_X  
ClientSampleId :

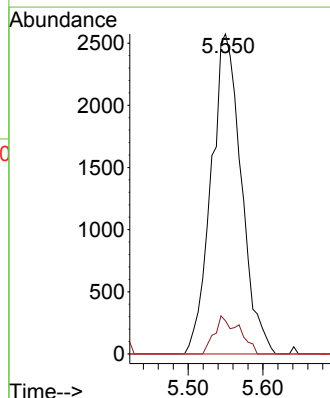
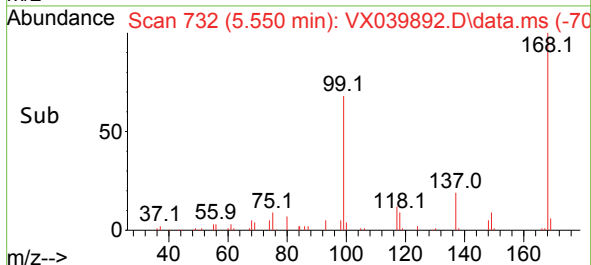
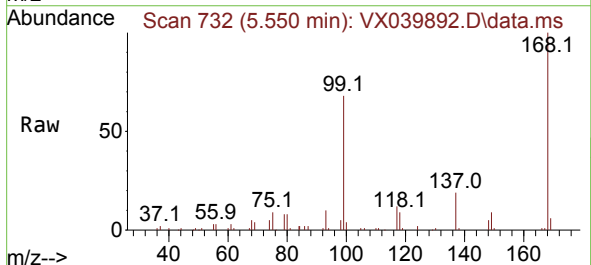


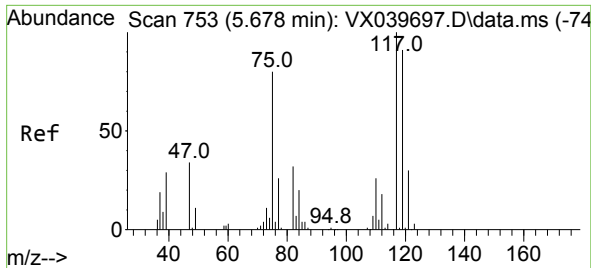
Tgt Ion:113 Resp: 49228  
Ion Ratio Lower Upper  
113 100  
111 100.2 82.9 124.3  
192 16.0 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 4.760 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

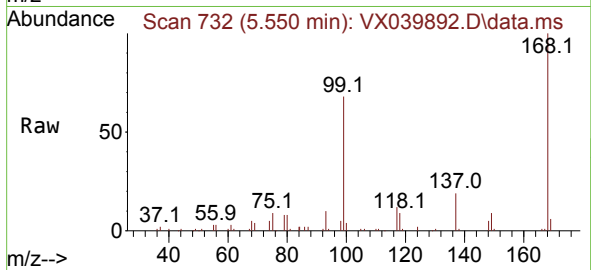
Tgt Ion: 75 Resp: 7209  
Ion Ratio Lower Upper  
75 100  
110 9.8 17.0 50.9#  
77 0.0 24.7 37.1#



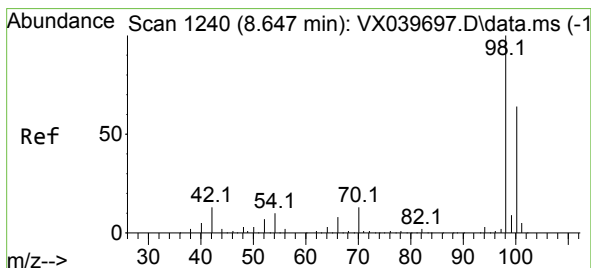
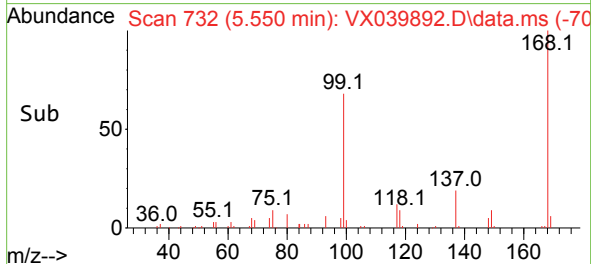
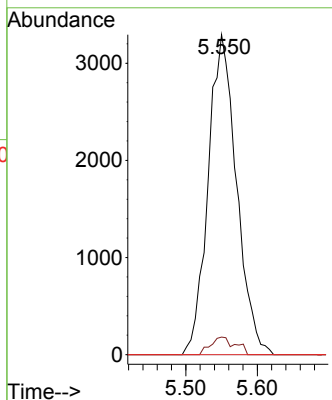


#38  
Carbon Tetrachloride  
Concen: 6.558 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Instrument :  
MSVOA\_X  
ClientSampleId :

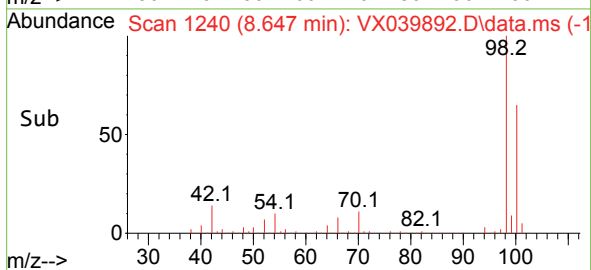
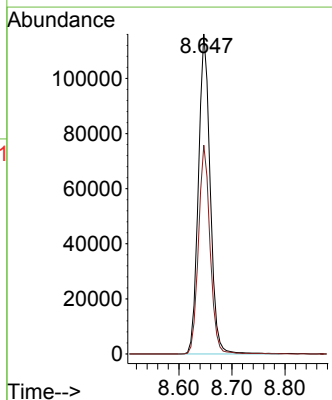
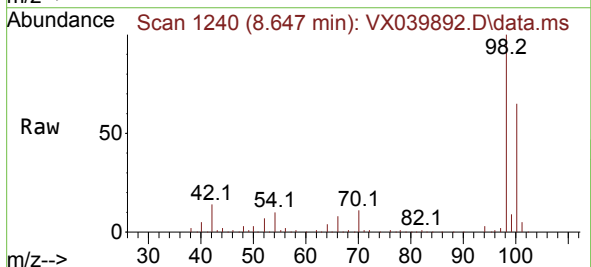


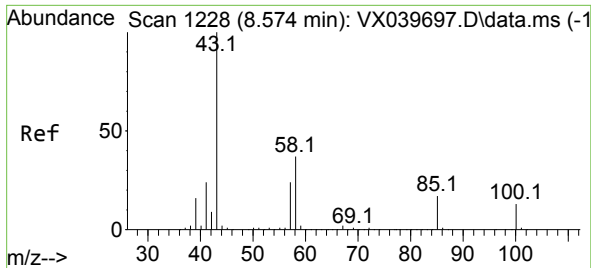
Tgt Ion:117 Resp: 9097  
Ion Ratio Lower Upper  
117 100  
119 5.5 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 48.904 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Tgt Ion: 98 Resp: 179478  
Ion Ratio Lower Upper  
98 100  
100 64.1 53.1 79.7

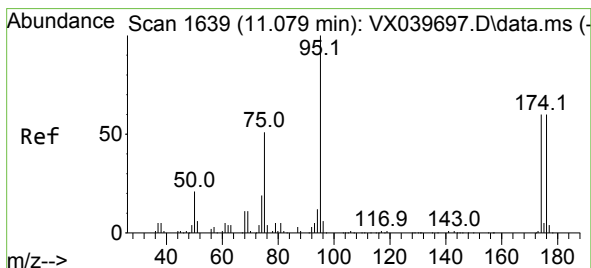
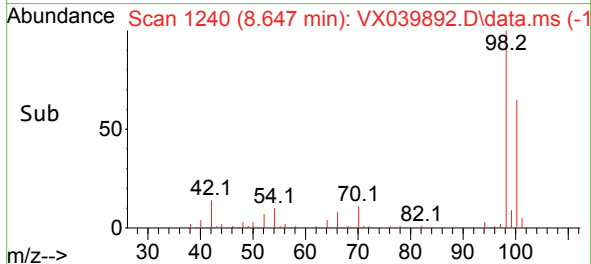
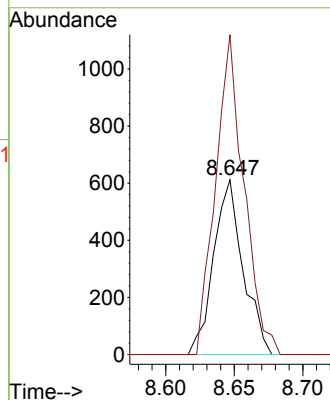
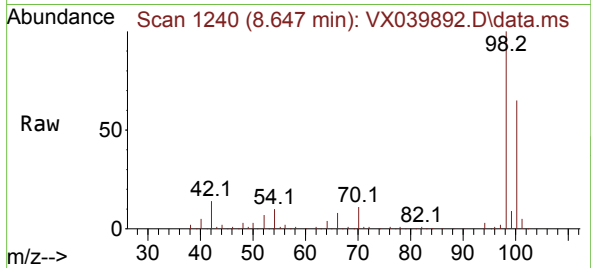




#51  
4-Methyl-2-Pentanone  
Concen: 0.449 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

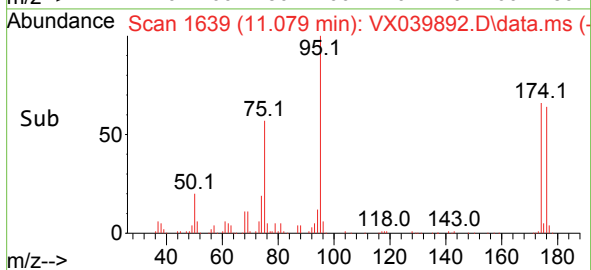
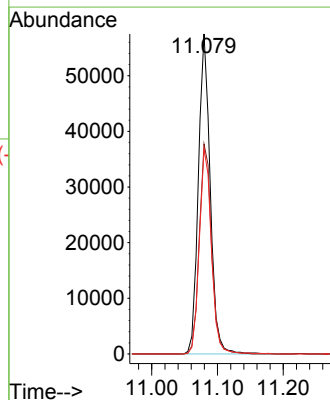
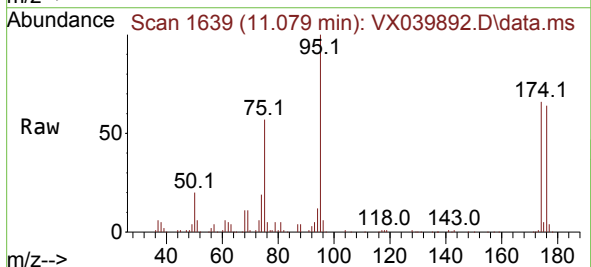
Instrument :  
MSVOA\_X  
ClientSampleId :

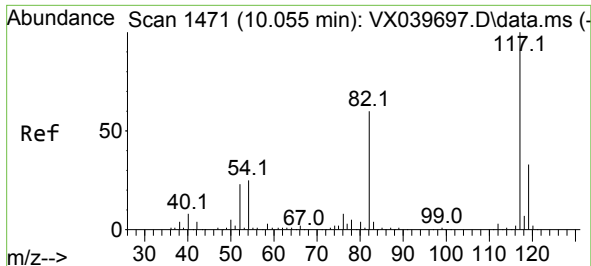
Tgt Ion: 43 Resp: 916  
Ion Ratio Lower Upper  
43 100  
58 176.6 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 50.059 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

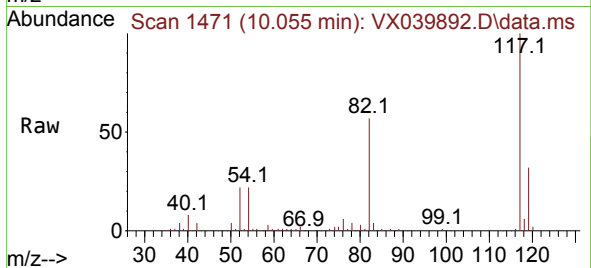
Tgt Ion: 95 Resp: 71842  
Ion Ratio Lower Upper  
95 100  
174 68.3 0.0 135.6  
176 65.3 0.0 131.0



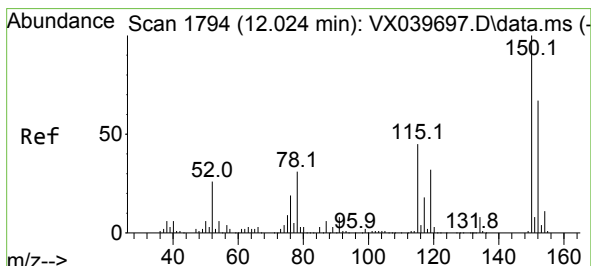
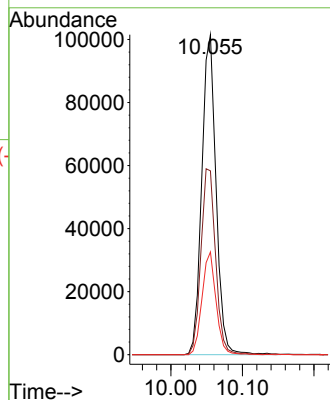
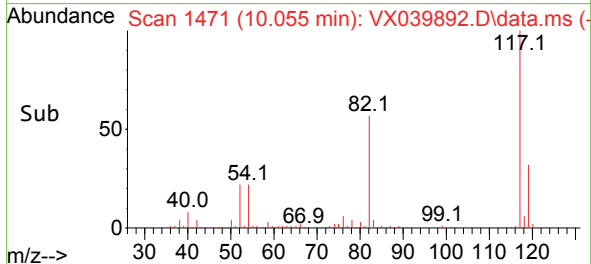


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

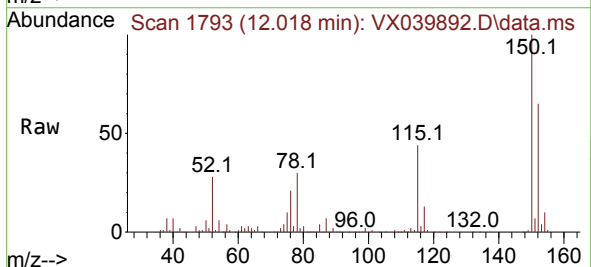
Instrument :  
MSVOA\_X  
ClientSampleId :



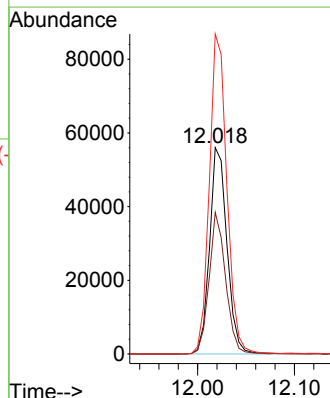
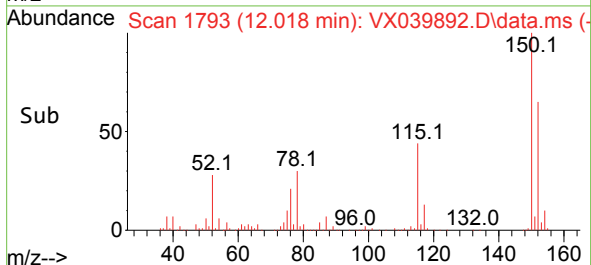
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Ion Ratio Lower Upper  
117 100  
82 57.4 46.2 69.4  
119 32.1 25.5 38.3

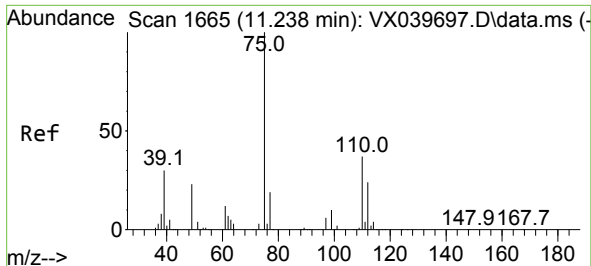


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24



Tgt Ion:152 Resp: 70191  
Ion Ratio Lower Upper  
152 100  
115 65.4 43.3 129.9  
150 156.1 0.0 345.0

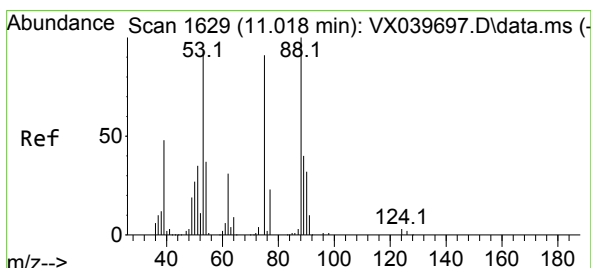
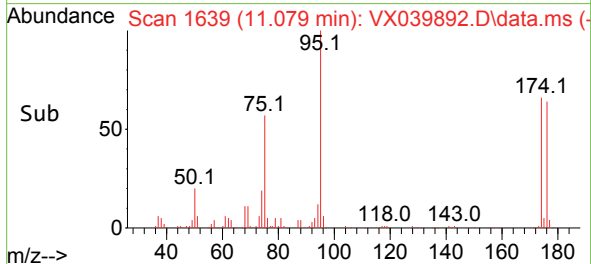
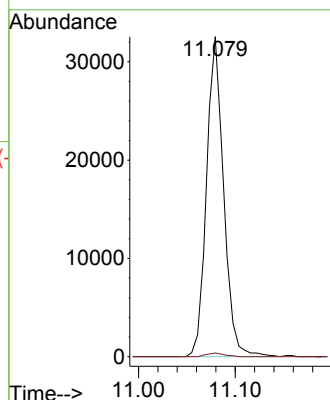
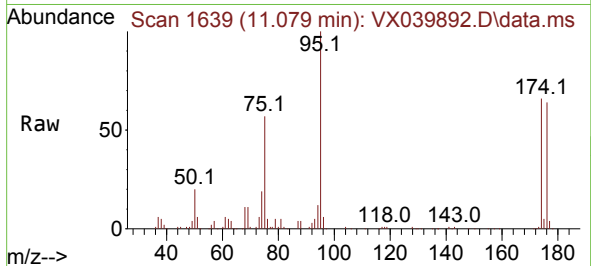




#76  
1,2,3-Trichloropropane  
Concen: 22.055 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 40135  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.987 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX039892.D  
Acq: 22 Jan 2024 18:24

Tgt Ion: 75 Resp: 40135  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

