

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040424\  
 Data File : VX040876.D  
 Acq On : 04 Apr 2024 09:54  
 Operator : JC/MD  
 Sample : VX0404WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0404WBL01

Quant Time: Apr 05 04:06:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

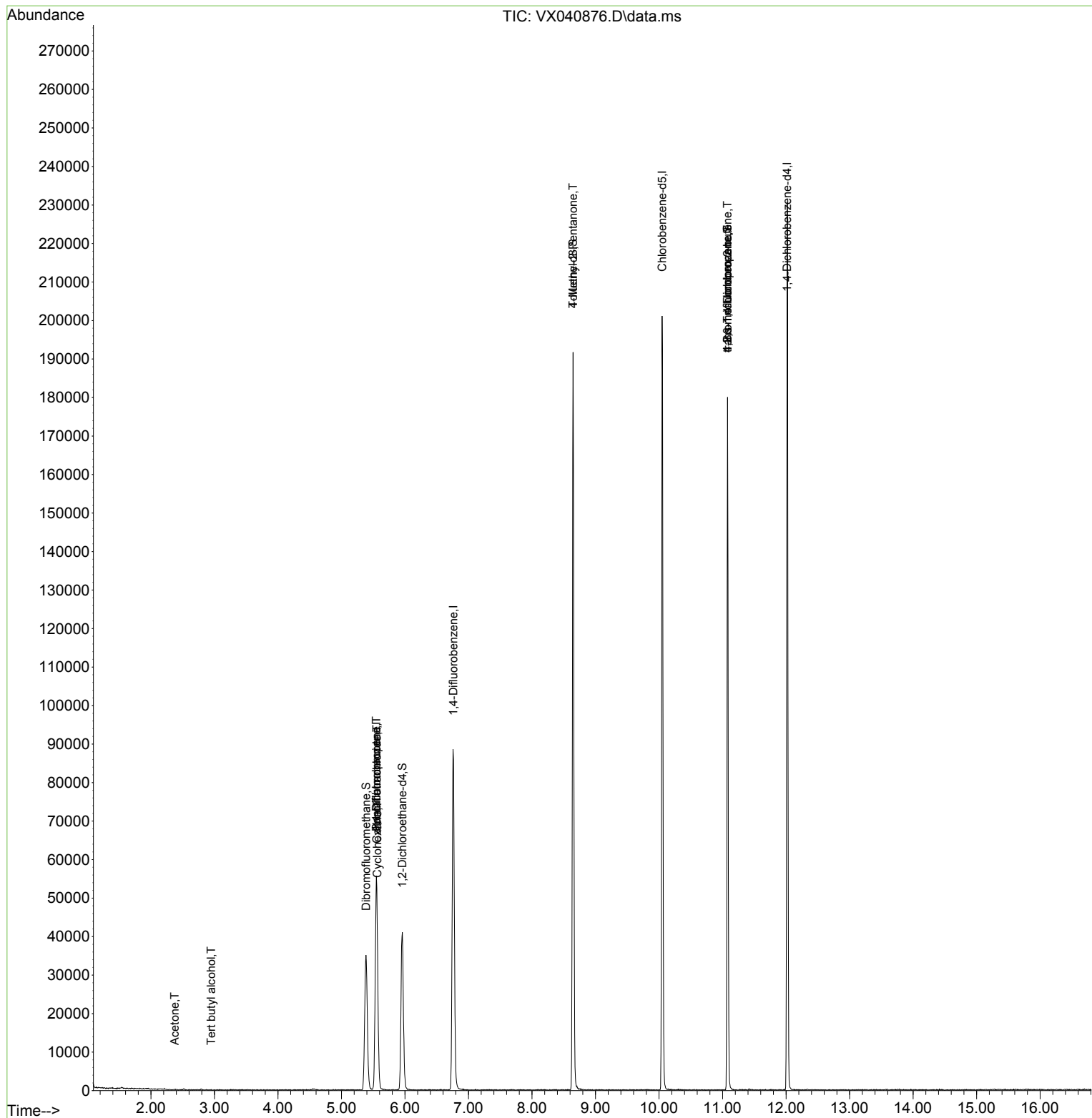
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 47429    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 84764    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049 | 117   | 83735    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 43189    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 41907    | 49.244   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 98.480%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 30009    | 49.983   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 99.960%  |
| 50) Toluene-d8                | 8.647  | 98    | 107038   | 49.338   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 98.680%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 42845    | 49.454   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 98.900%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol        | 2.946  | 59    | 47       | 0.303    | ug/l # | 78       |
| 16) Acetone                   | 2.373  | 43    | 95       | 0.287    | ug/l # | 47       |
| 31) Cyclohexane               | 5.562  | 56    | 1300     | 1.440    | ug/l # | 39       |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 4329     | 5.075    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 5488     | 5.811    | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 610      | 0.568    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 25887    | 28.109   | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 25887    | 75.838   | ug/l # | 5        |
| -----                         |        |       |          |          |        |          |

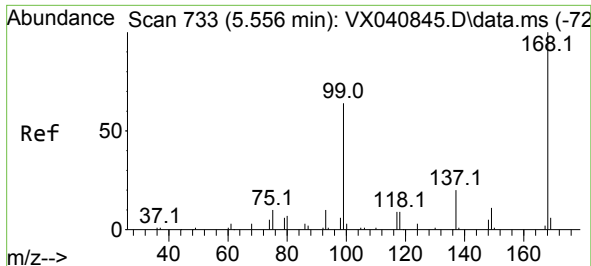
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration

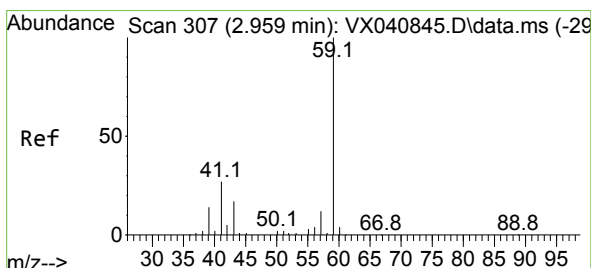
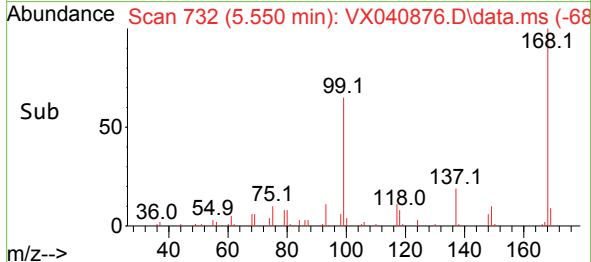
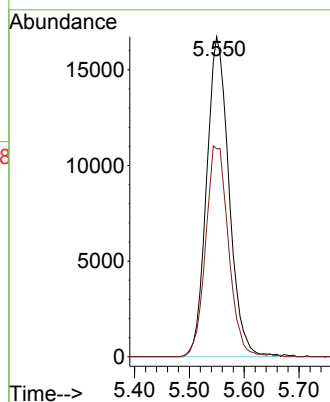
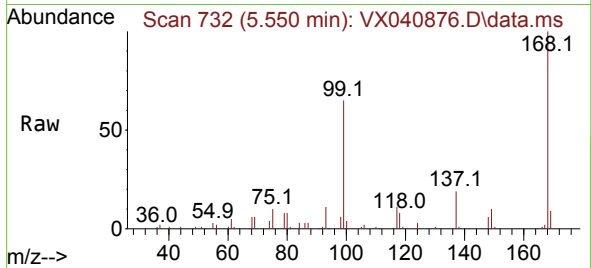




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

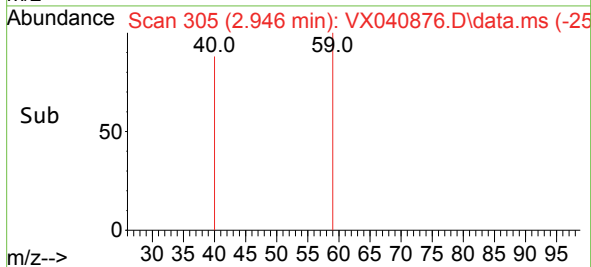
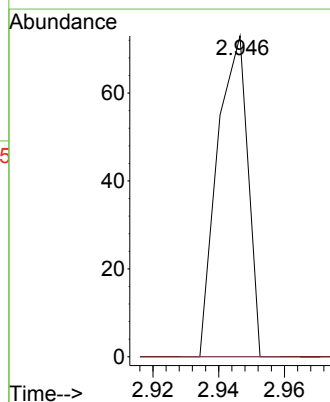
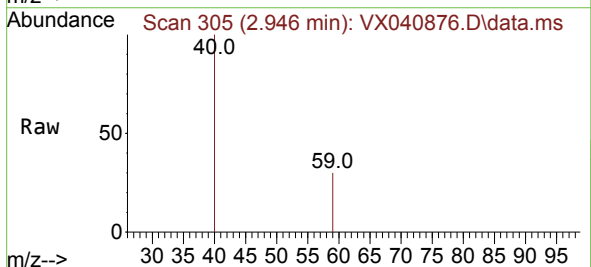
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

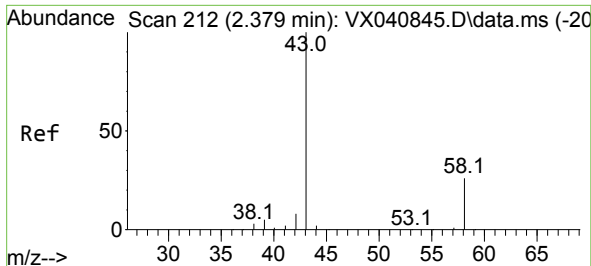
Tgt Ion:168 Resp: 47429  
Ion Ratio Lower Upper  
168 100  
99 65.0 56.6 85.0



#11  
Tert butyl alcohol  
Concen: 0.303 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. -0.012 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Tgt Ion: 59 Resp: 47  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#

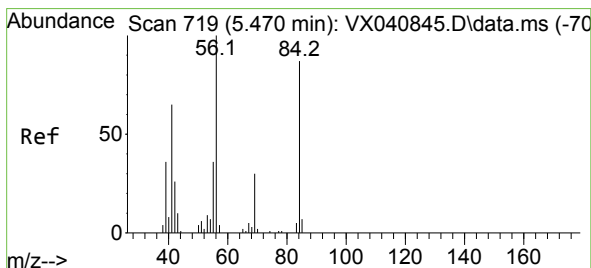
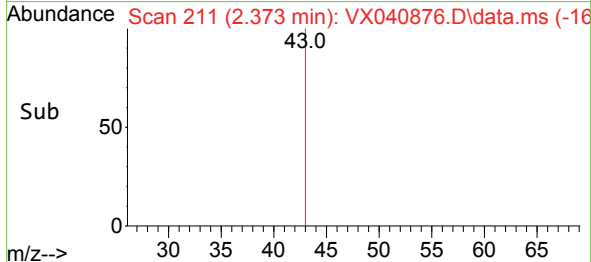
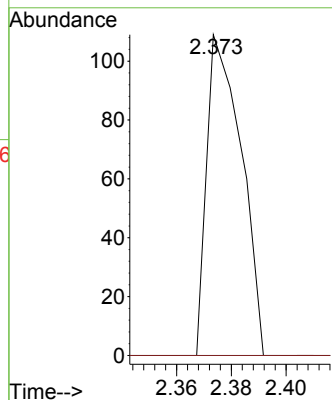
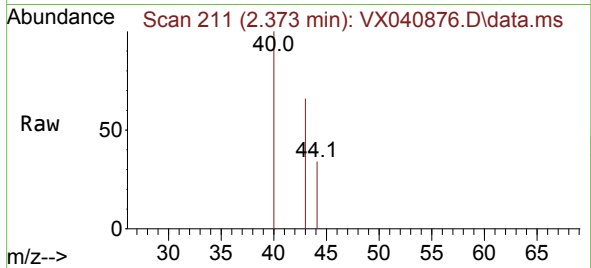




#16  
Acetone  
Concen: 0.287 ug/l  
RT: 2.373 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

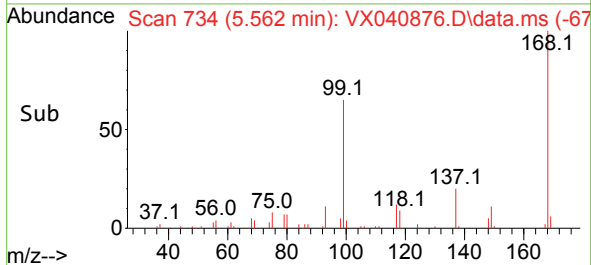
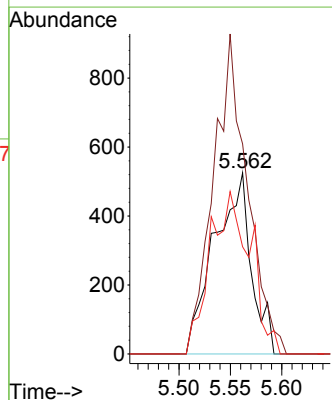
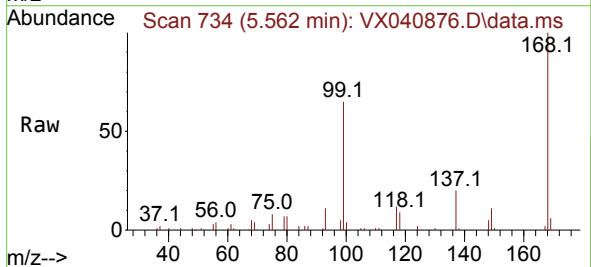
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

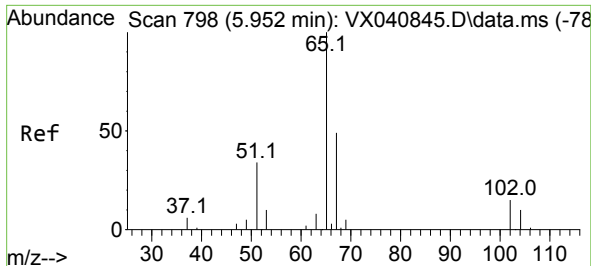
Tgt Ion: 43 Resp: 95  
Ion Ratio Lower Upper  
43 100  
58 0.0 21.9 32.9#



#31  
Cyclohexane  
Concen: 1.440 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.091 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Tgt Ion: 56 Resp: 1300  
Ion Ratio Lower Upper  
56 100  
69 116.0 23.4 35.2#  
84 59.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.244 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040876.D

Acq: 04 Apr 2024 09:54

Instrument :

MSVOA\_X

ClientSampleId :

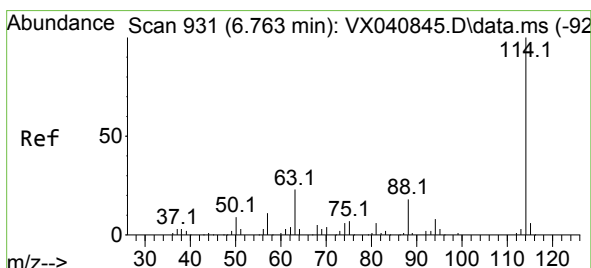
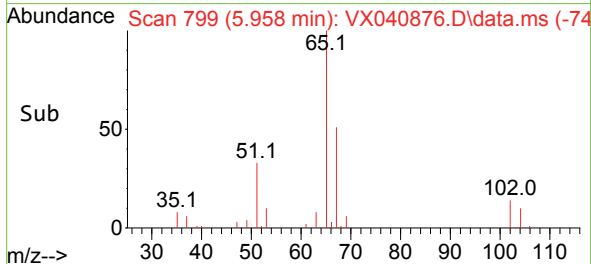
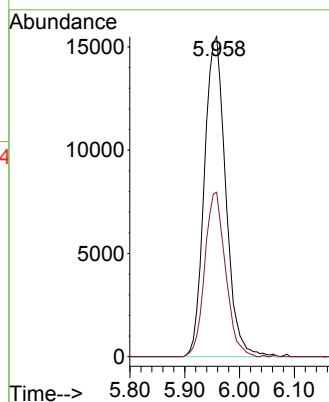
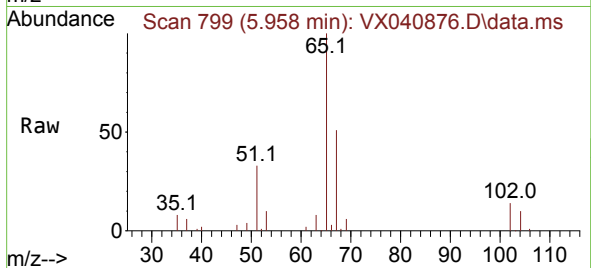
VX0404WBL01

Tgt Ion: 65 Resp: 41907

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040876.D

Acq: 04 Apr 2024 09:54

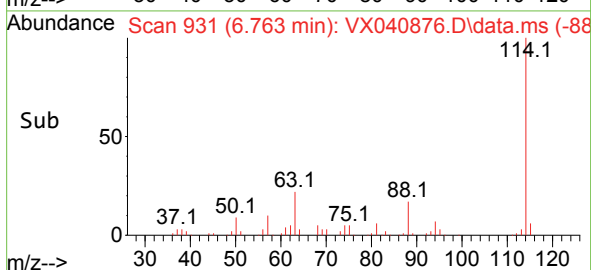
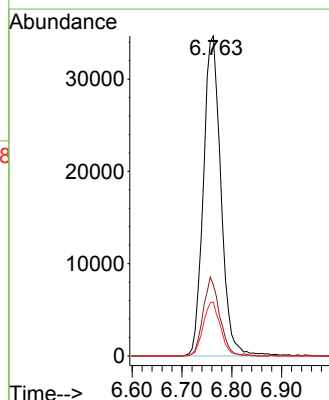
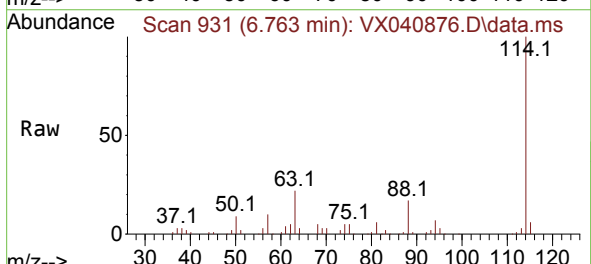
Tgt Ion: 114 Resp: 84764

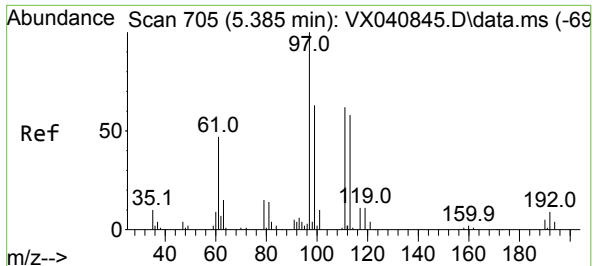
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

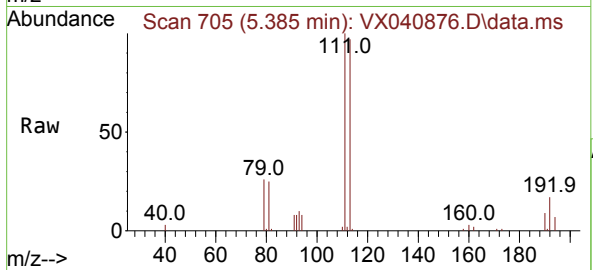
88 16.8 0.0 36.6



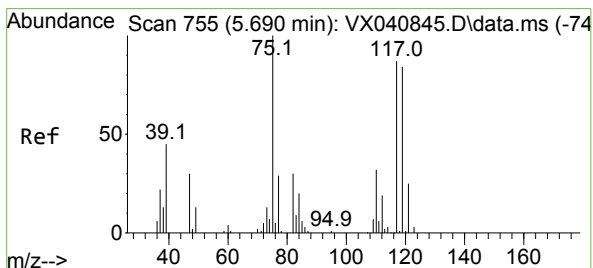
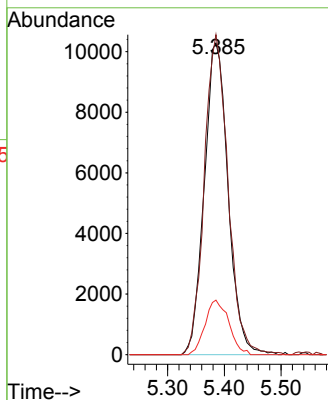
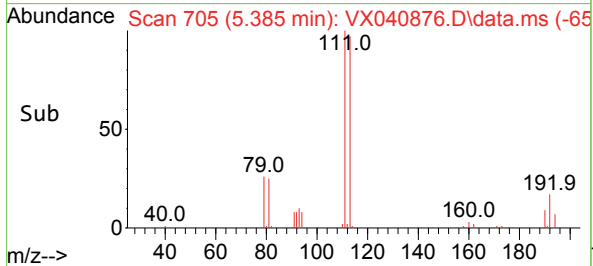


#35  
Dibromofluoromethane  
Concen: 49.983 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

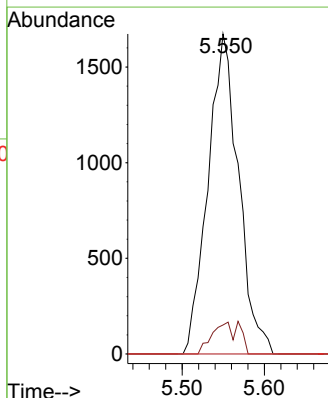
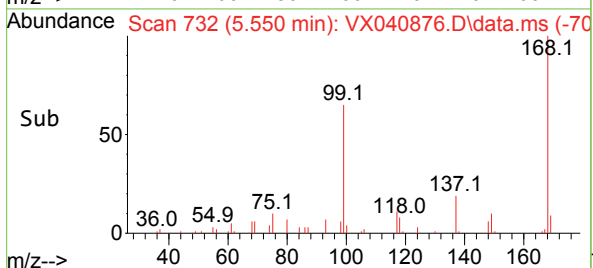
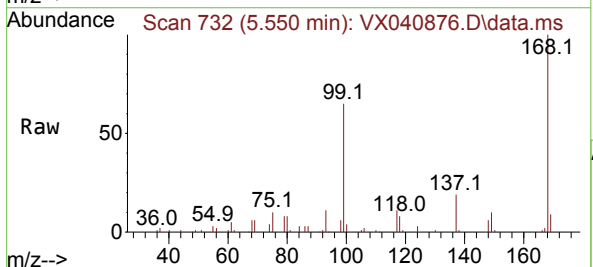


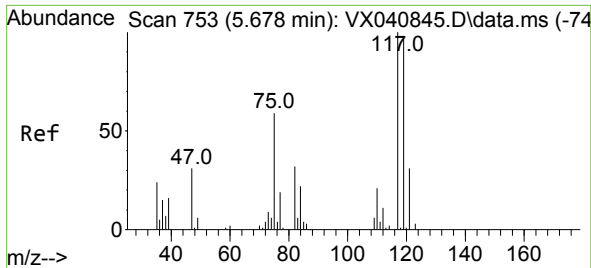
Tgt Ion:113 Resp: 30009  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.9 124.3  
192 17.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 5.075 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

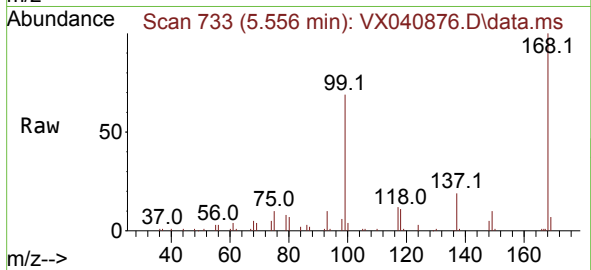
Tgt Ion: 75 Resp: 4329  
Ion Ratio Lower Upper  
75 100  
110 8.8 17.0 50.9#  
77 0.0 24.7 37.1#



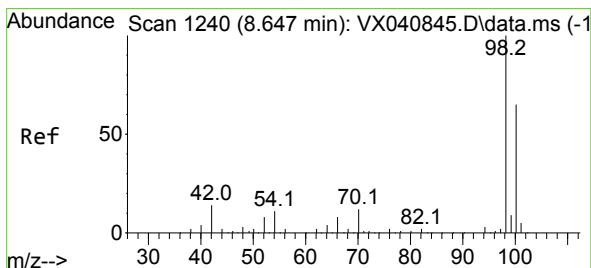
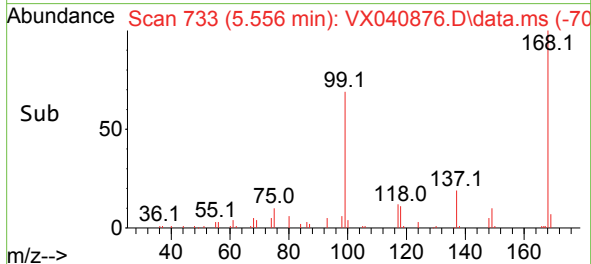
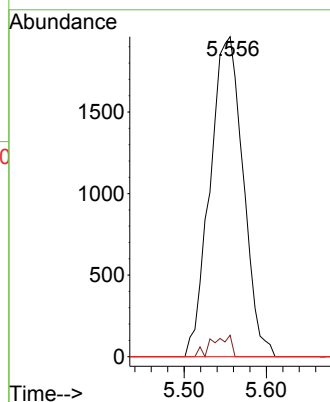


#38  
Carbon Tetrachloride  
Concen: 5.811 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

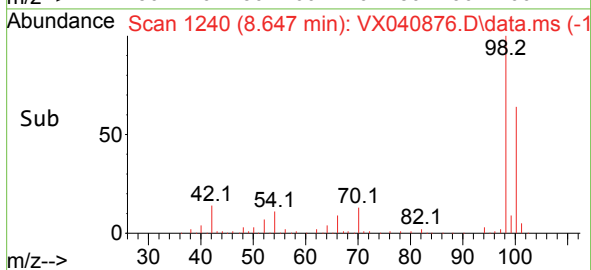
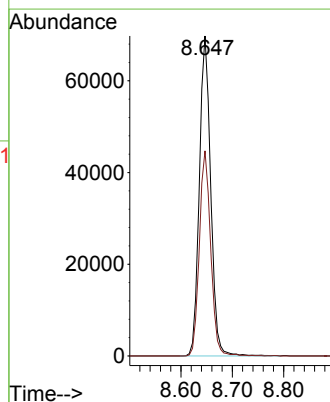
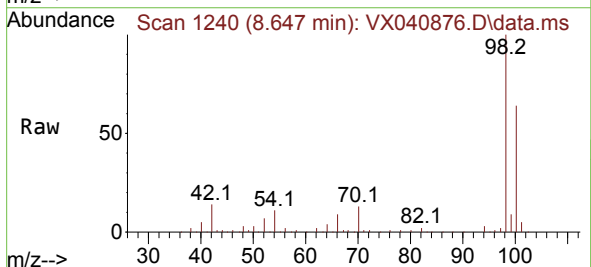


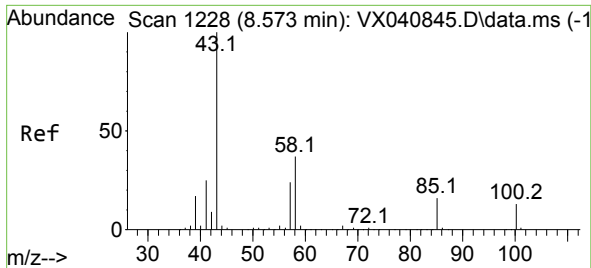
Tgt Ion:117 Resp: 5488  
Ion Ratio Lower Upper  
117 100  
119 6.7 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 49.338 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Tgt Ion: 98 Resp: 107038  
Ion Ratio Lower Upper  
98 100  
100 63.9 53.1 79.7

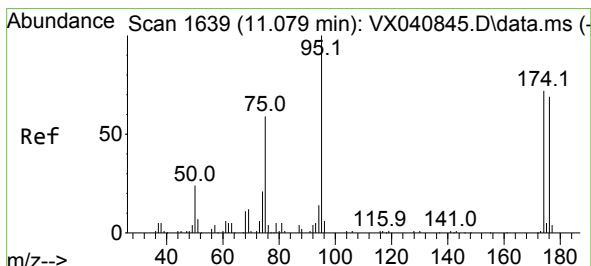
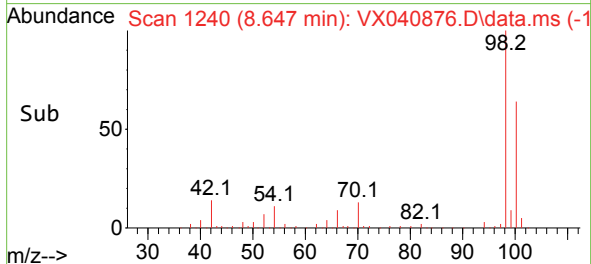
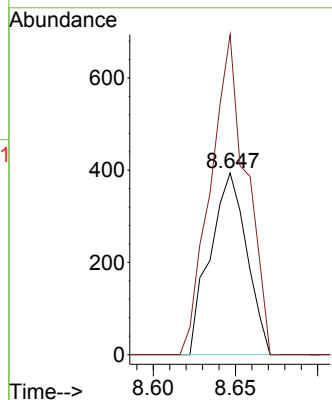
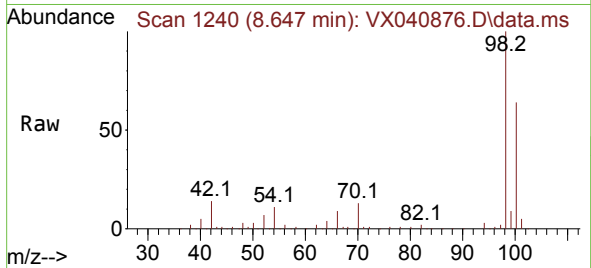




#51  
4-Methyl-2-Pentanone  
Concen: 0.568 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

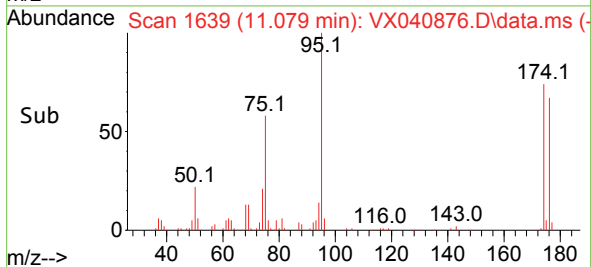
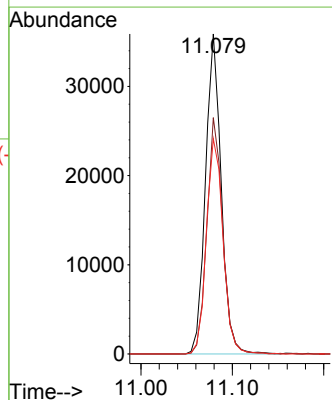
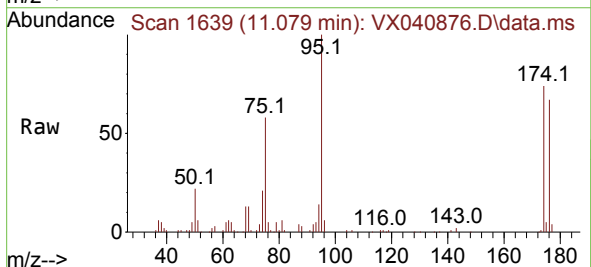
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

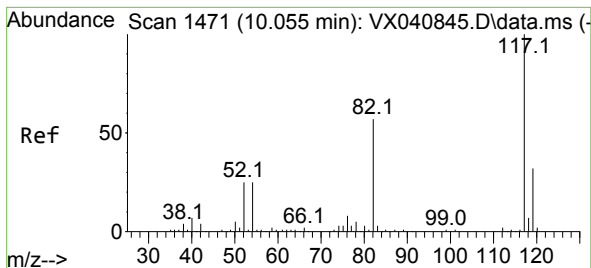
Tgt Ion: 43 Resp: 610  
Ion Ratio Lower Upper  
43 100  
58 172.5 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 49.454 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Tgt Ion: 95 Resp: 42845  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 135.6  
176 71.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040876.D

Acq: 04 Apr 2024 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0404WBL01

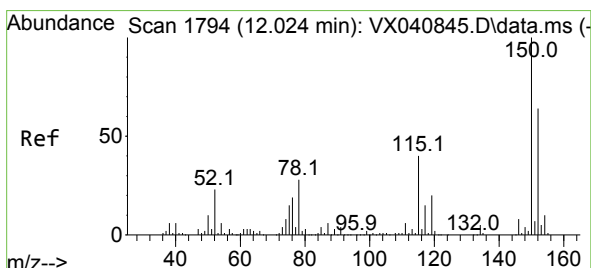
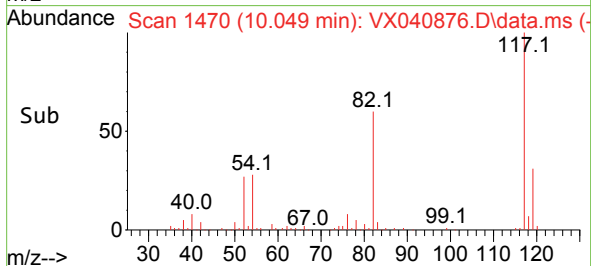
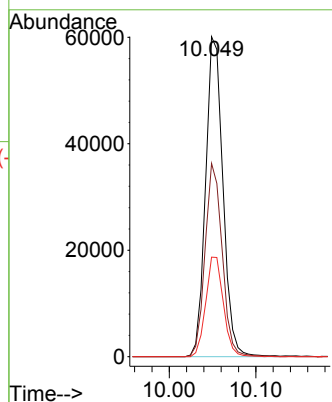
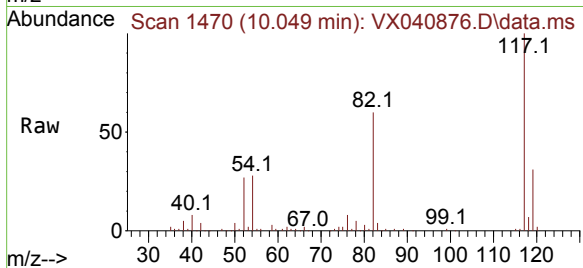
Tgt Ion:117 Resp: 83735

Ion Ratio Lower Upper

117 100

82 60.4 46.2 69.4

119 31.1 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: VX040876.D

Acq: 04 Apr 2024 09:54

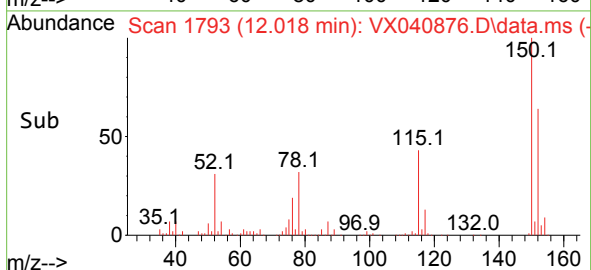
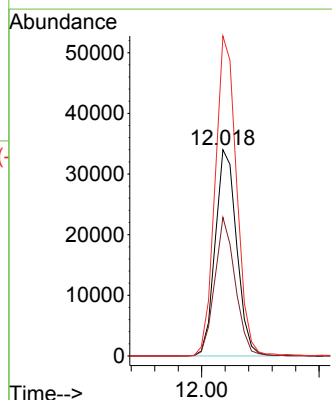
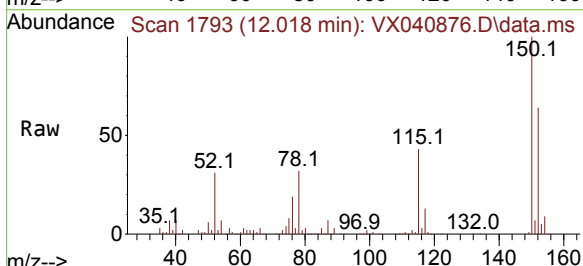
Tgt Ion:152 Resp: 43189

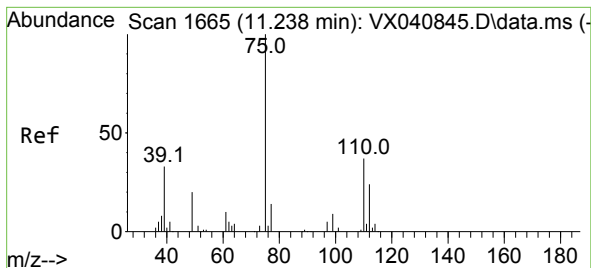
Ion Ratio Lower Upper

152 100

115 64.3 43.3 129.9

150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.109 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040876.D

Acq: 04 Apr 2024 09:54

Instrument :

MSVOA\_X

ClientSampleId :

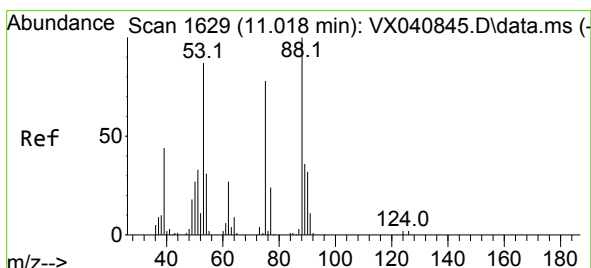
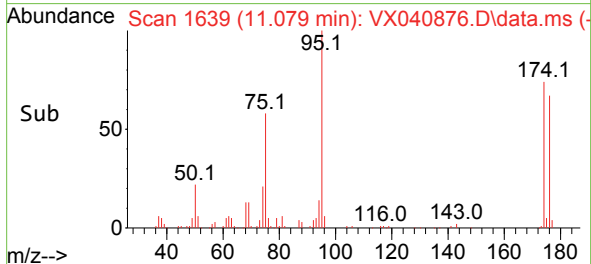
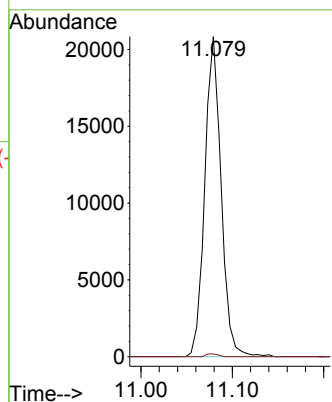
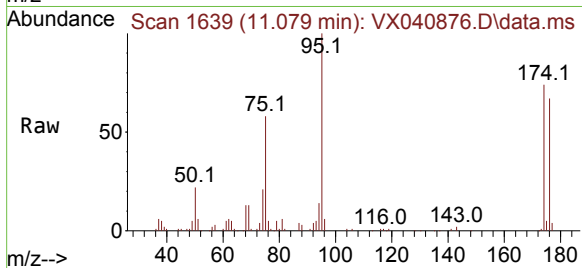
VX0404WBL01

Tgt Ion: 75 Resp: 25887

Ion Ratio Lower Upper

75 100

77 0.7 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.838 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040876.D

Acq: 04 Apr 2024 09:54

Tgt Ion: 75 Resp: 25887

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

