

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044940.D
 Acq On : 12 Feb 2025 17:53
 Operator : JC/MD
 Sample : Q1356-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:53:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

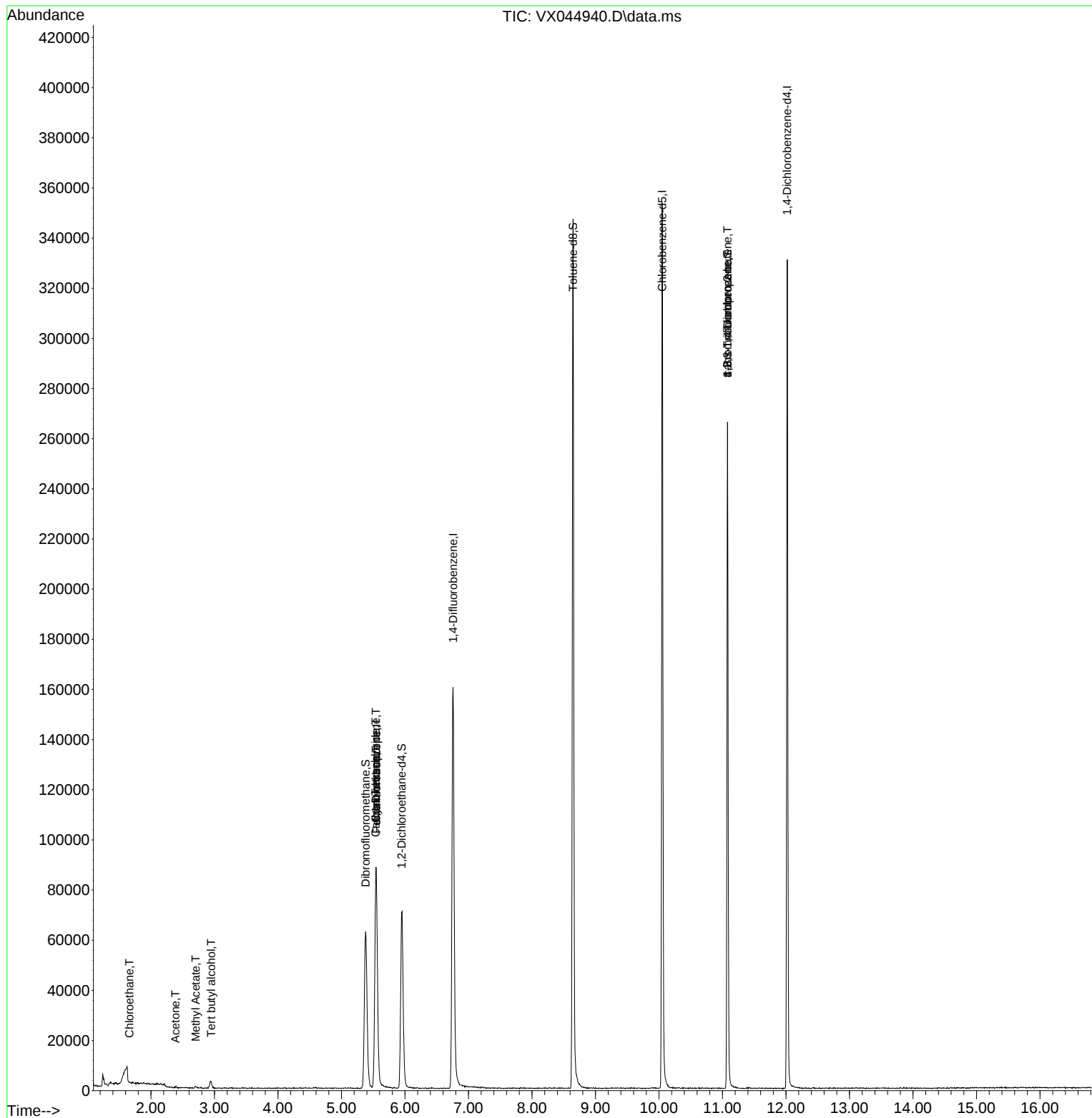
Internal Standards						
1) Pentafluorobenzene	5.550	168	82113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67880	56.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.940%	
35) Dibromofluoromethane	5.379	113	56277	50.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.647	98	209895	50.299	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	11.079	95	71297	50.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.360%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	68	1.445	ug/l #	42
11) Tert butyl alcohol	2.947	59	1756	7.875	ug/l #	73
16) Acetone	2.386	43	453	0.937	ug/l #	42
18) Methyl Acetate	2.703	43	990	0.649	ug/l #	77
31) Cyclohexane	5.544	56	2185	1.171	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	7570	4.755	ug/l #	50
38) Carbon Tetrachloride	5.538	117	8599	5.512	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	37431	26.362	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37431	67.812	ug/l #	11

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

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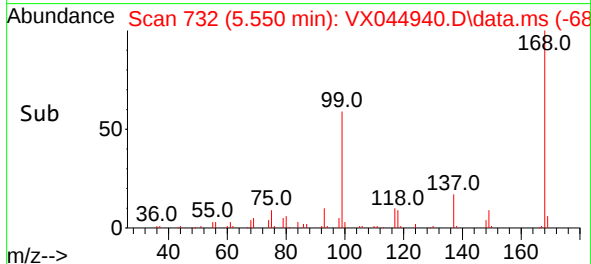
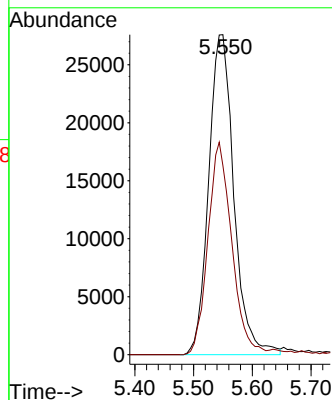
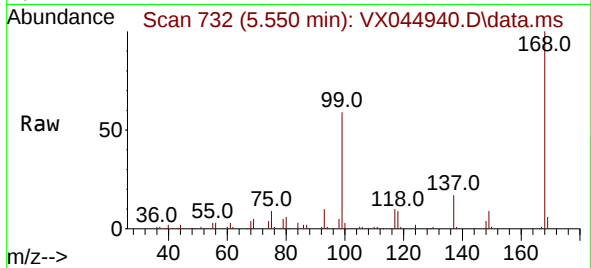




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

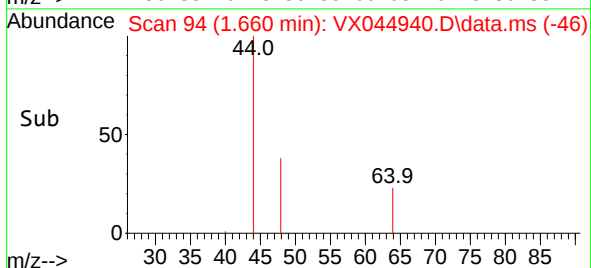
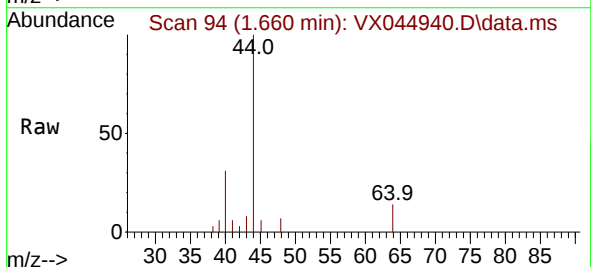
Instrument :
MSVOA_X
ClientSampleId :

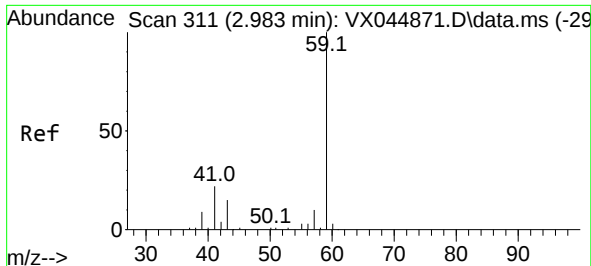
Tgt Ion:168 Resp: 82113
Ion Ratio Lower Upper
168 100
99 59.1 51.2 76.8



#6
Chloroethane
Concen: 1.445 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

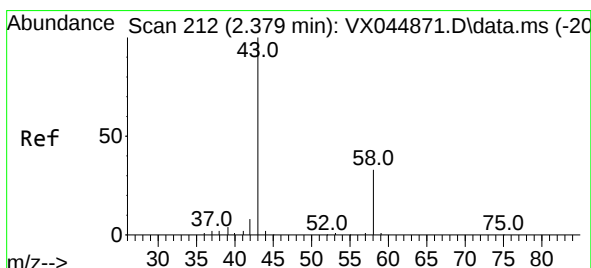
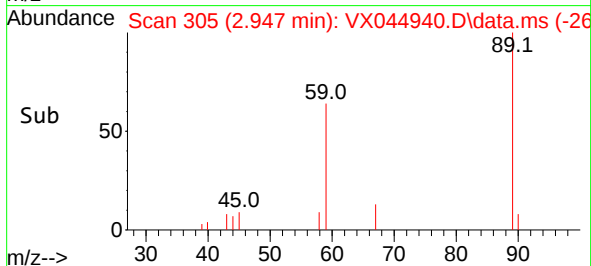
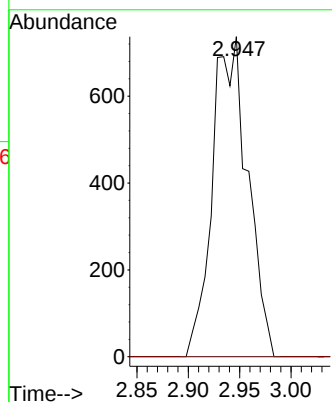
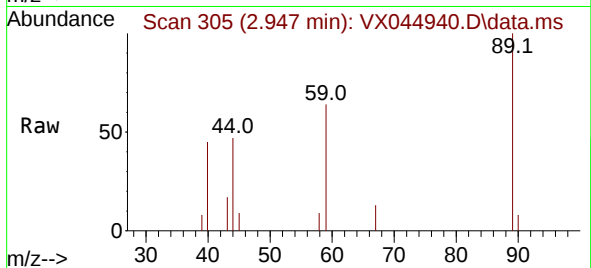




#11
Tert butyl alcohol
Concen: 7.875 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

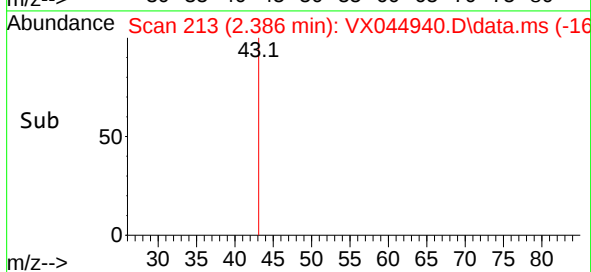
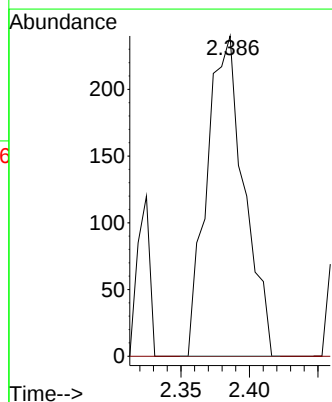
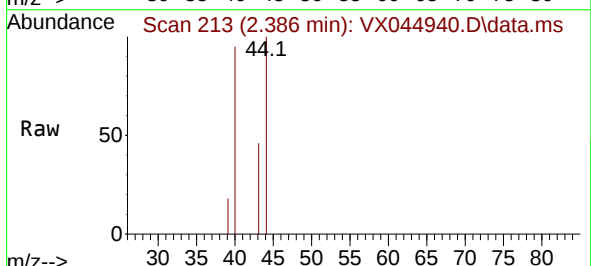
Instrument :
MSVOA_X
ClientSampleId :

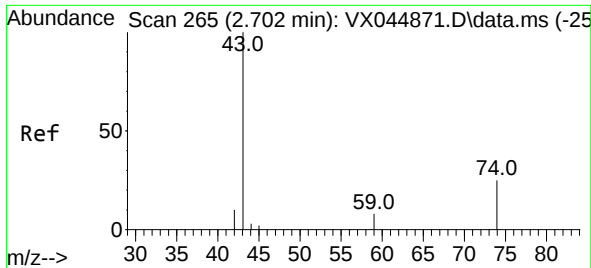
Tgt Ion: 59 Resp: 1756
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.937 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#

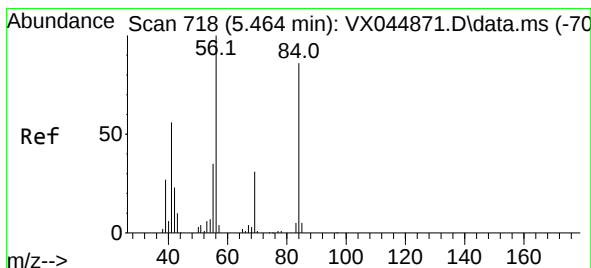
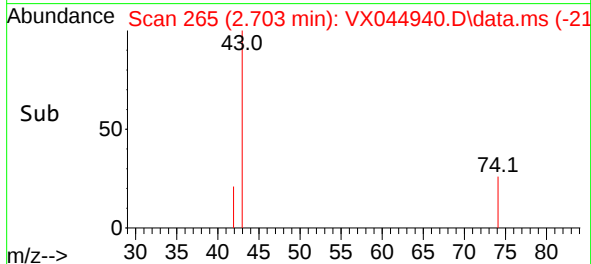
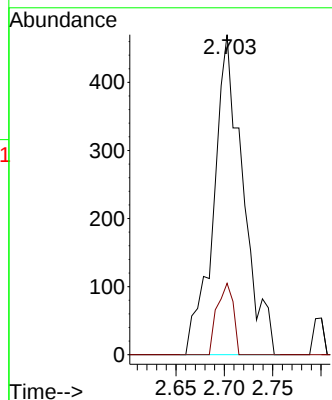
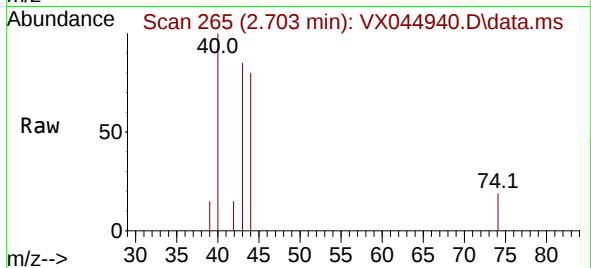




#18
Methyl Acetate
Concen: 0.649 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

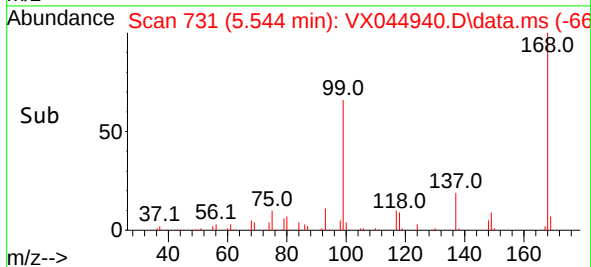
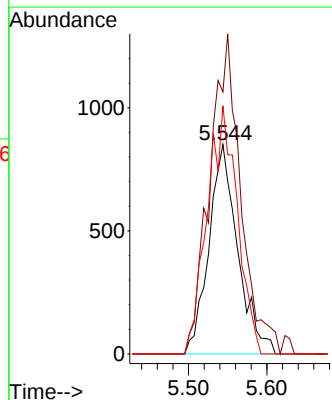
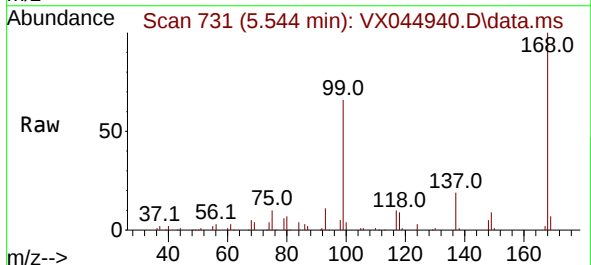
Instrument :
MSVOA_X
ClientSampleId :

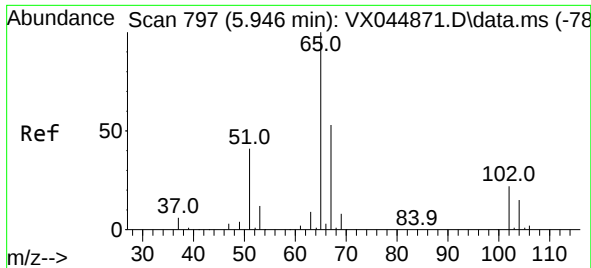
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
74 12.2 18.9 28.3#



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

Tgt Ion: 56 Resp: 2185
Ion Ratio Lower Upper
56 100
69 125.1 24.4 36.6#
84 118.4 69.0 103.6#

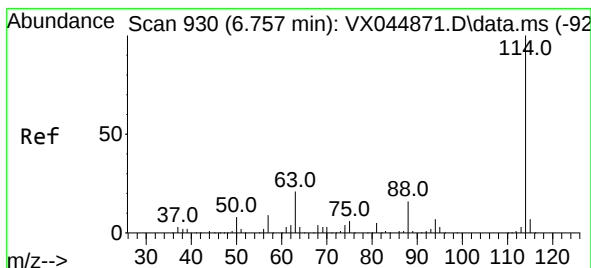
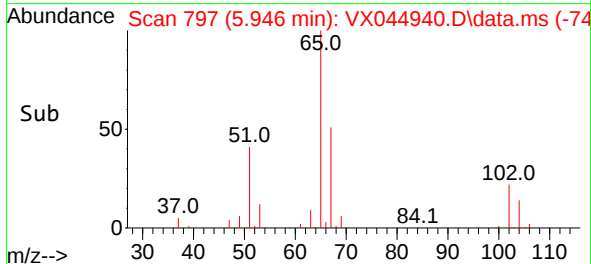
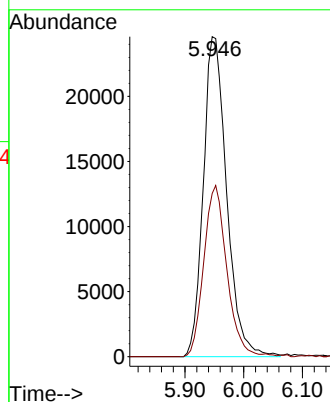
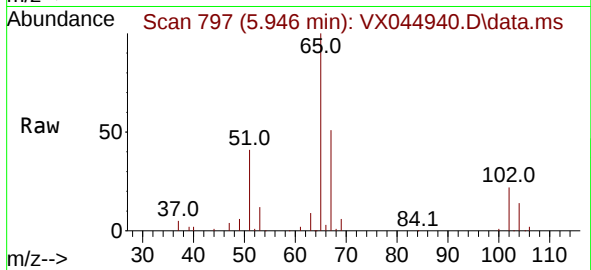




#33
 1,2-Dichloroethane-d4
 Concen: 56.473 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044940.D
 Acq: 12 Feb 2025 17:53

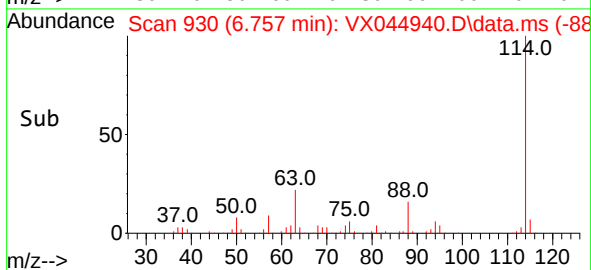
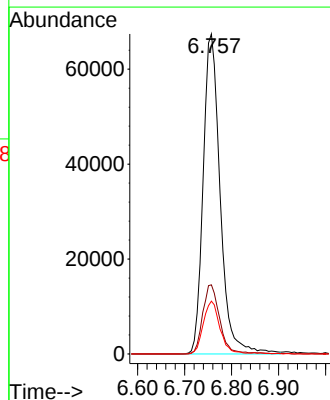
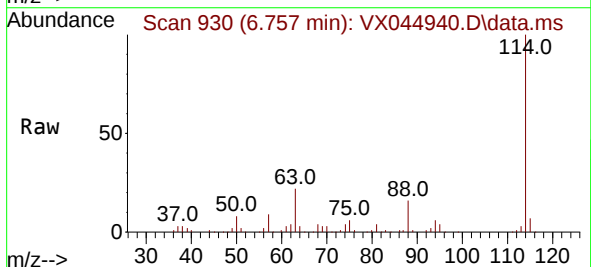
Instrument :
 MSVOA_X
 ClientSampleId :

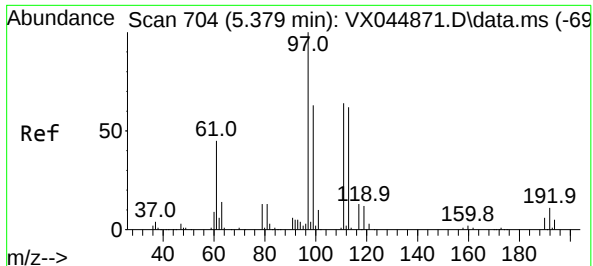
Tgt Ion: 65 Resp: 67880
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044940.D
 Acq: 12 Feb 2025 17:53

Tgt Ion: 114 Resp: 169731
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.997 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044940.D

Acq: 12 Feb 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

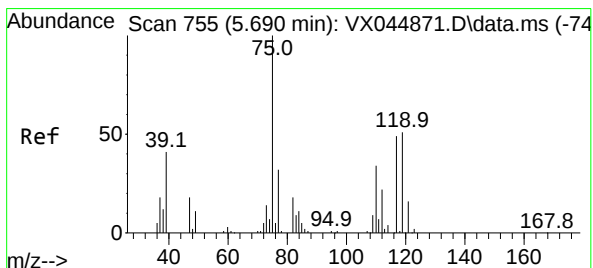
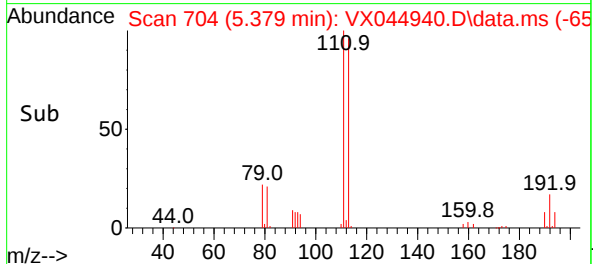
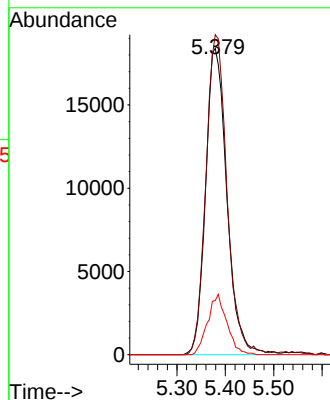
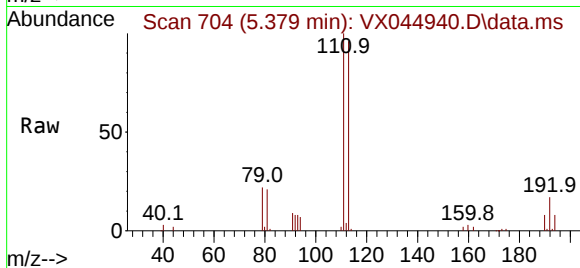
Tgt Ion:113 Resp: 56277

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

192 17.8 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.755 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044940.D

Acq: 12 Feb 2025 17:53

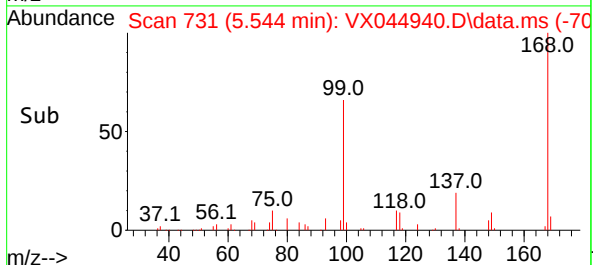
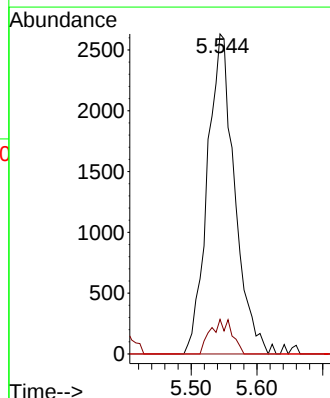
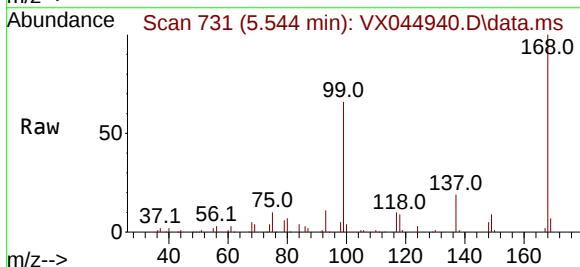
Tgt Ion: 75 Resp: 7570

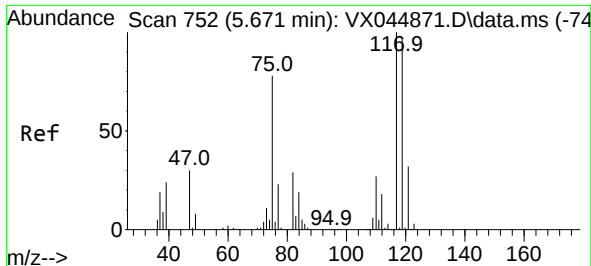
Ion Ratio Lower Upper

75 100

110 8.5 17.2 51.6#

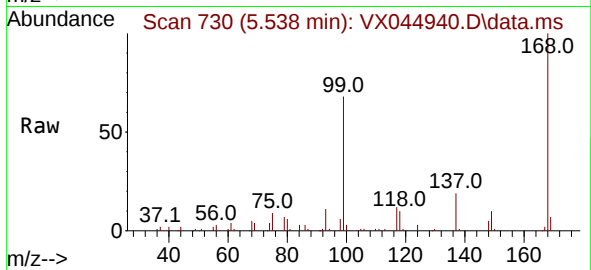
77 0.0 24.6 37.0#



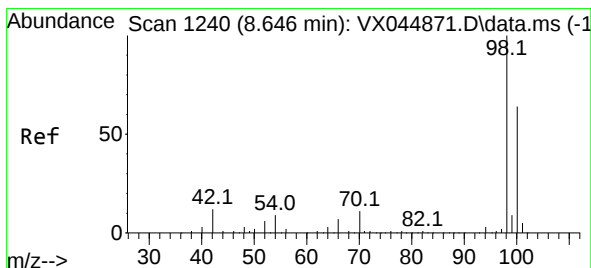
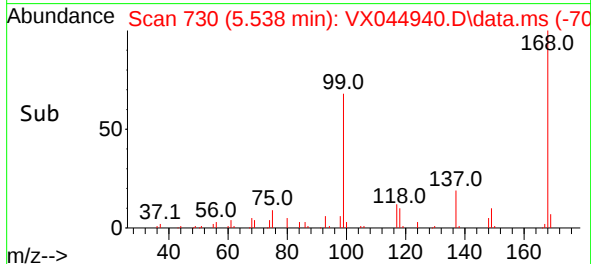
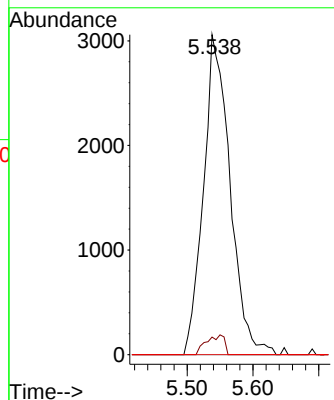


#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :

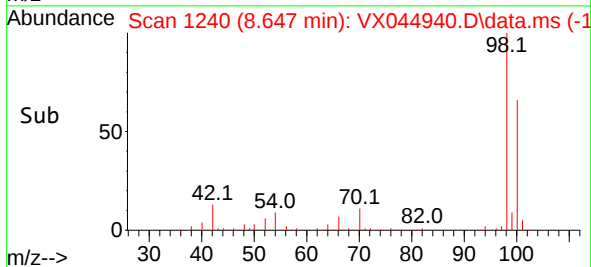
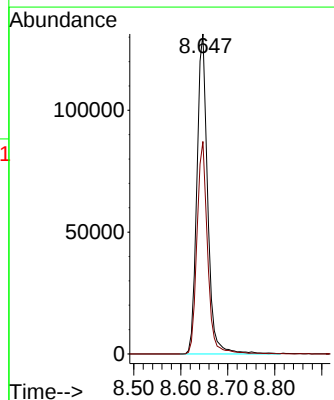
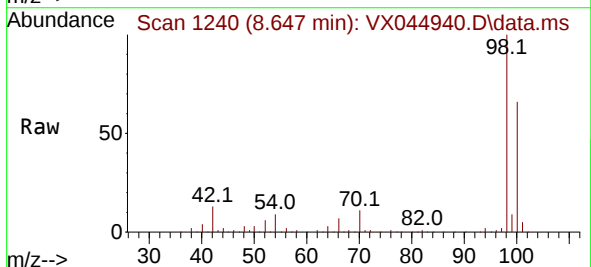


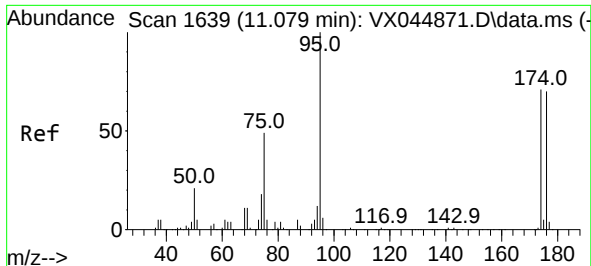
Tgt Ion:117 Resp: 8599
Ion Ratio Lower Upper
117 100
119 5.5 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.299 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

Tgt Ion: 98 Resp: 209895
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

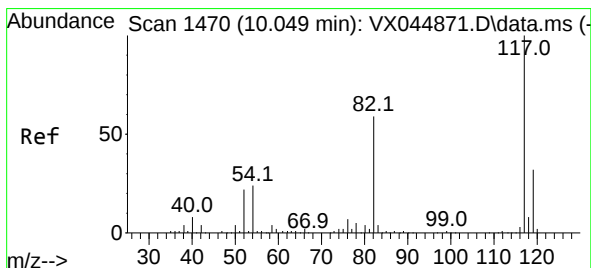
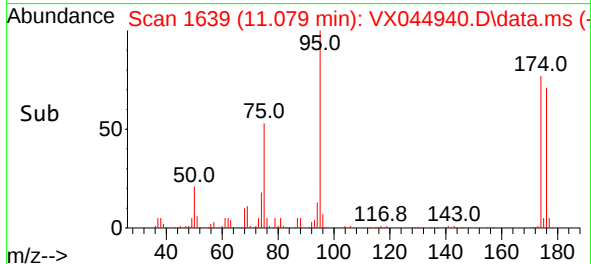
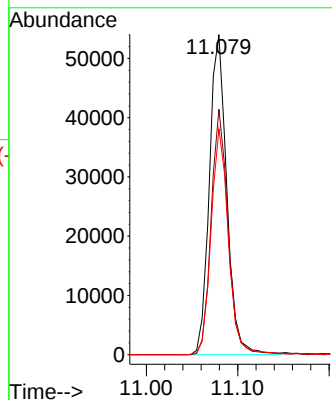
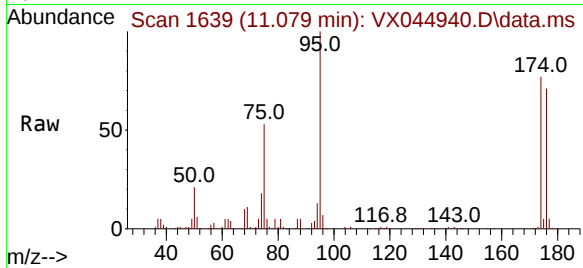




#62
4-Bromofluorobenzene
Concen: 50.681 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

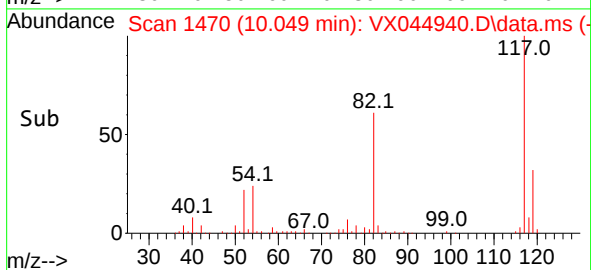
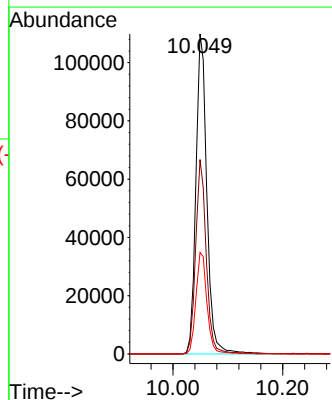
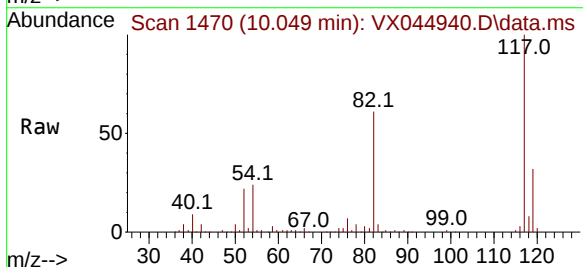
Instrument :
MSVOA_X
ClientSampleId :

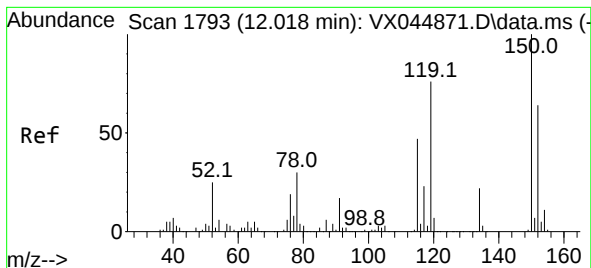
Tgt Ion: 95 Resp: 71297
Ion Ratio Lower Upper
95 100
174 74.7 0.0 142.6
176 70.4 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044940.D
Acq: 12 Feb 2025 17:53

Tgt Ion: 117 Resp: 153582
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044940.D

Acq: 12 Feb 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

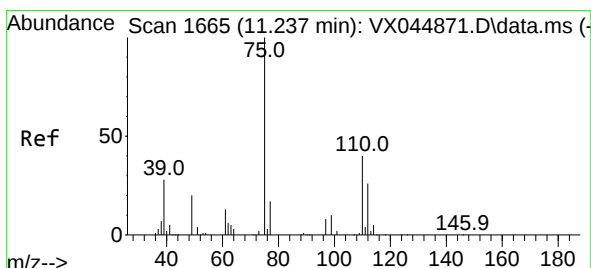
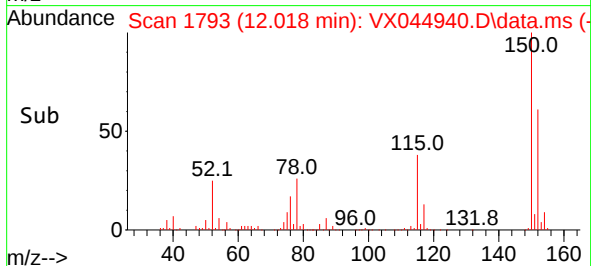
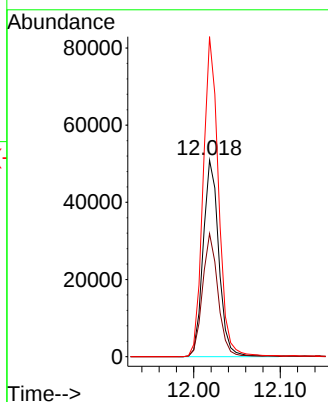
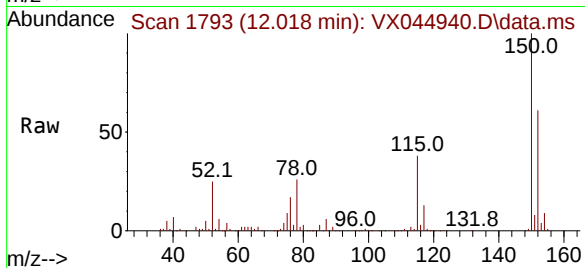
Tgt Ion:152 Resp: 64042

Ion Ratio Lower Upper

152 100

115 62.1 43.4 130.1

150 160.1 0.0 350.4



#76

1,2,3-Trichloropropane

Concen: 26.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044940.D

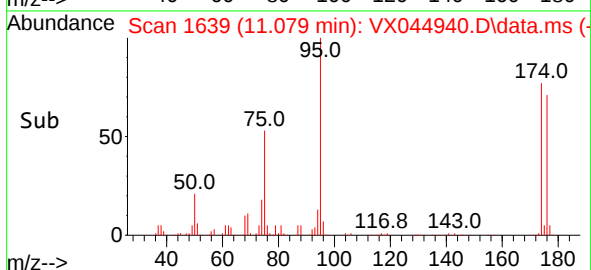
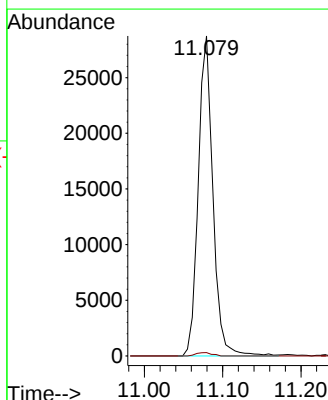
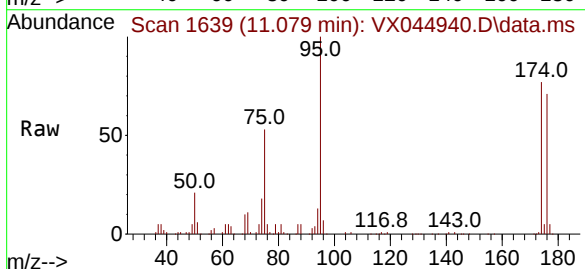
Acq: 12 Feb 2025 17:53

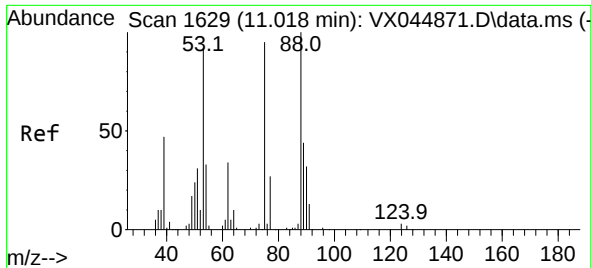
Tgt Ion: 75 Resp: 37431

Ion Ratio Lower Upper

75 100

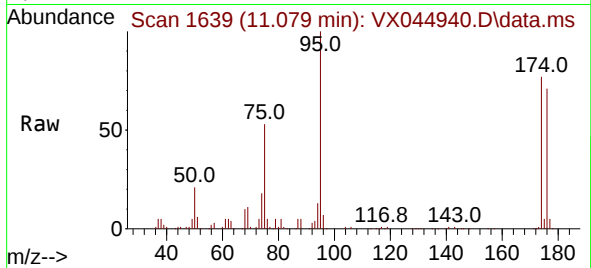
77 1.1 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.812 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044940.D
 Acq: 12 Feb 2025 17:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 37431
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

