

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046594.D
 Acq On : 10 Jun 2025 12:09
 Operator : JC/MD
 Sample : Q2230-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-060425

Quant Time: Jun 11 01:45:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	109731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108439	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96798	49.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	5.397	113	79551	50.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	285359	54.715	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.420%
62) 4-Bromofluorobenzene	11.079	95	116576	54.024	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.040%

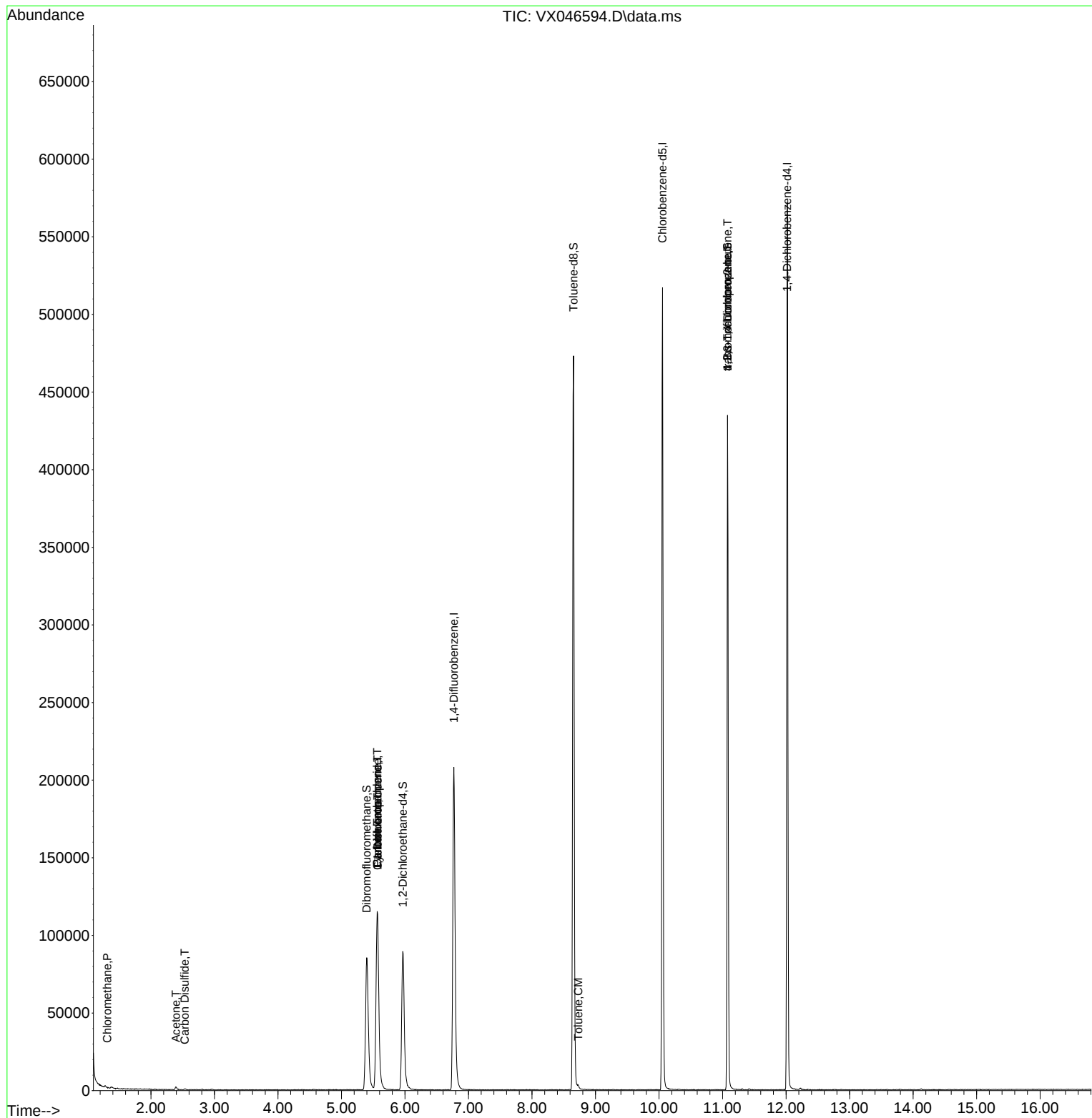
Target Compounds					Qvalue	
3) Chloromethane	1.312	50	288	0.208	ug/l #	85
16) Acetone	2.392	43	2503	7.799	ug/l	93
17) Carbon Disulfide	2.532	76	264	0.297	ug/l #	76
31) Cyclohexane	5.568	56	2758	1.215	ug/l #	20
36) 1,1-Dichloropropene	5.568	75	10324	4.569	ug/l #	51
38) Carbon Tetrachloride	5.562	117	12183	4.814	ug/l #	16
52) Toluene	8.726	92	839	0.215	ug/l #	75
76) 1,2,3-Trichloropropane	11.079	75	63953	27.843	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	63953	80.318	ug/l #	1

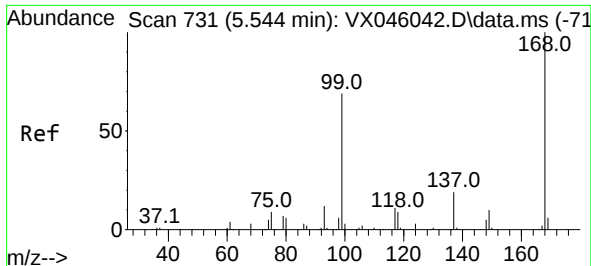
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

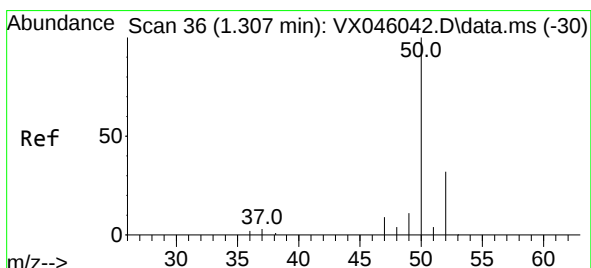
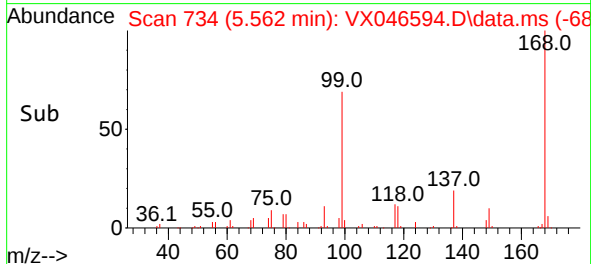
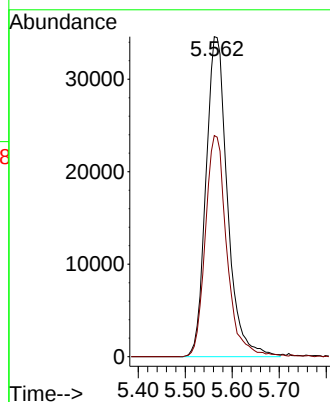
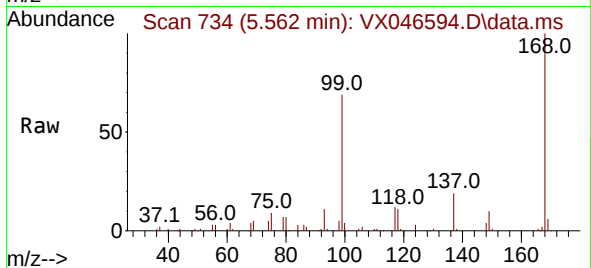




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

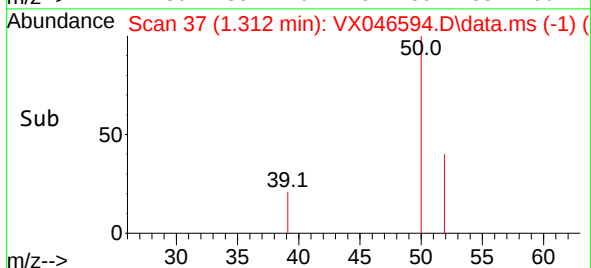
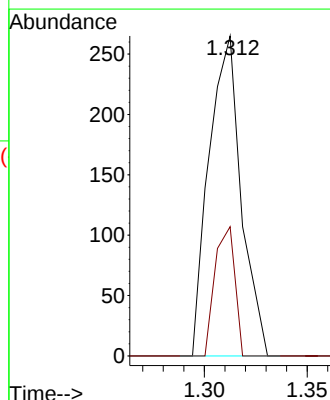
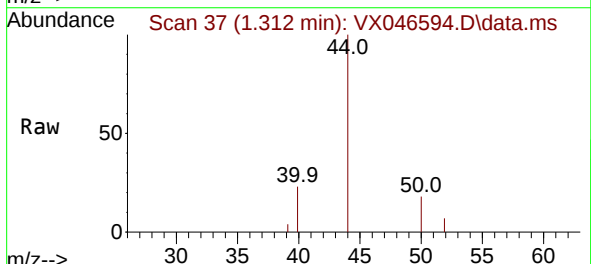
Instrument :
MSVOA_X
ClientSampleId :
FB-060425

Tgt Ion:168 Resp: 109731
Ion Ratio Lower Upper
168 100
99 69.1 54.9 82.3



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.312 min Scan# 37
Delta R.T. 0.005 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 40.4 25.4 38.2#

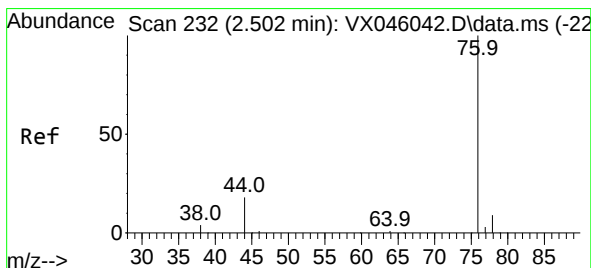
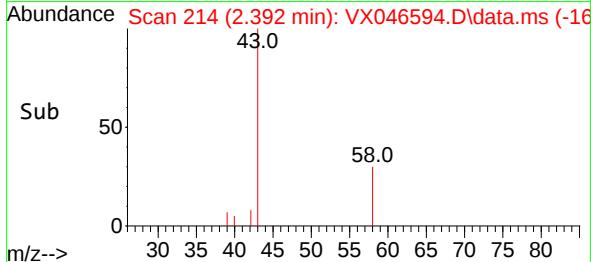
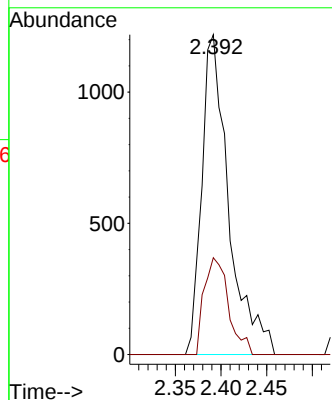
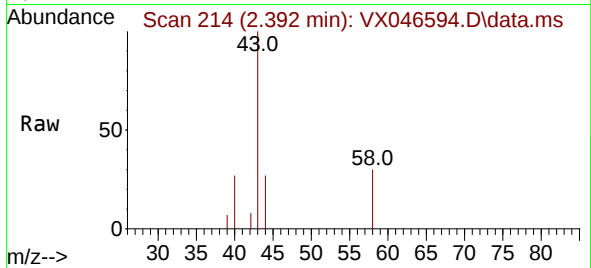




#16
Acetone
Concen: 7.799 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

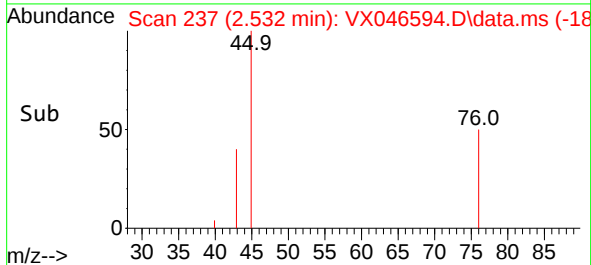
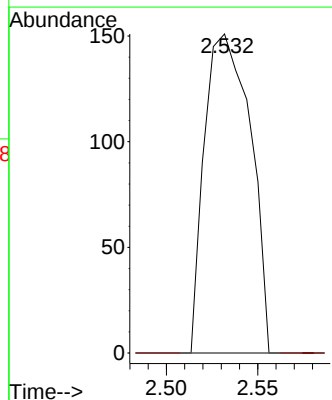
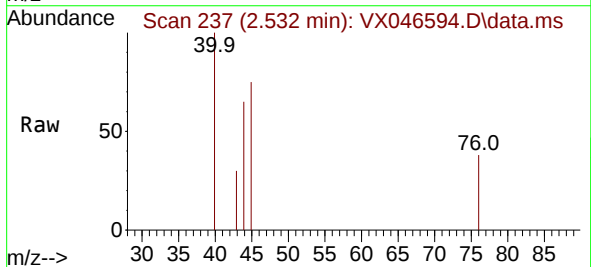
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ClientSampleId :
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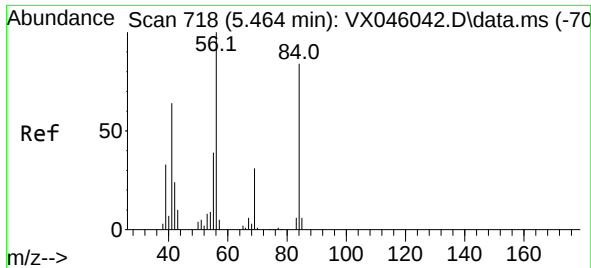
Tgt Ion: 43 Resp: 2503
Ion Ratio Lower Upper
43 100
58 30.3 21.2 31.8



#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

Tgt Ion: 76 Resp: 264
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

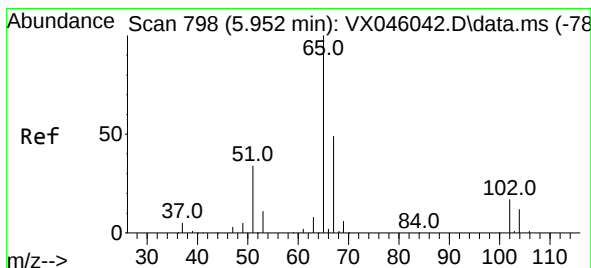
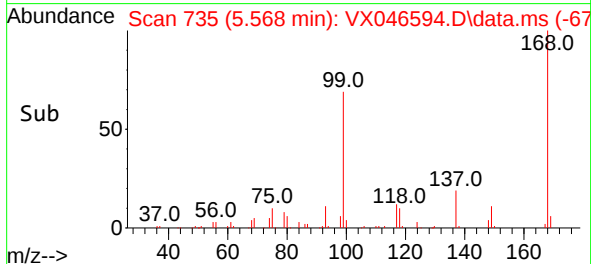
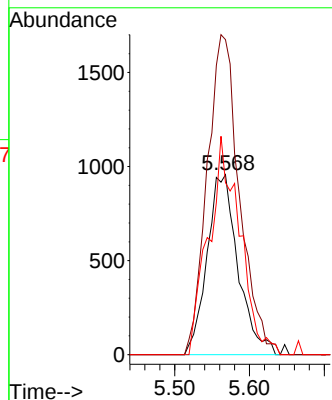
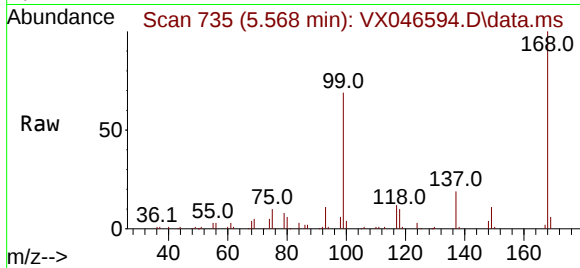




#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.568 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

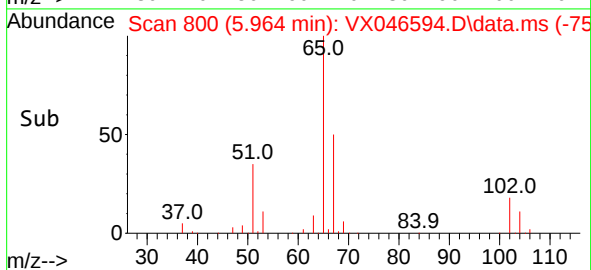
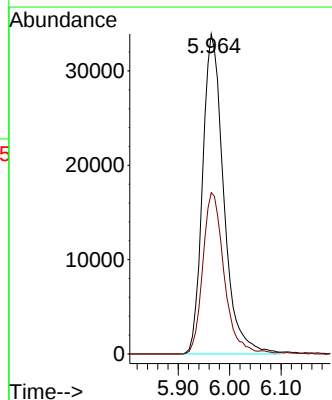
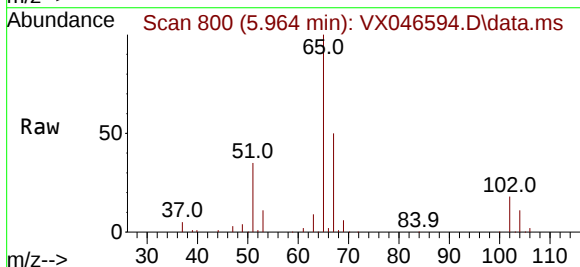
Instrument :
MSVOA_X
ClientSampleId :
FB-060425

Tgt Ion: 56 Resp: 2758
Ion Ratio Lower Upper
56 100
69 175.0 24.4 36.6#
84 95.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.583 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

Tgt Ion: 65 Resp: 96798
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0

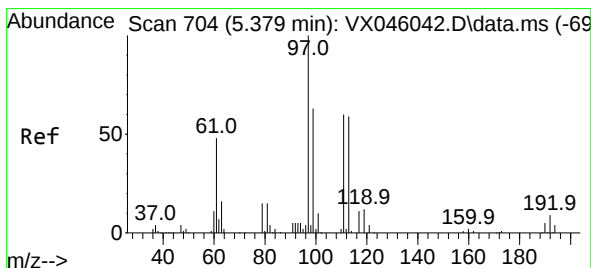
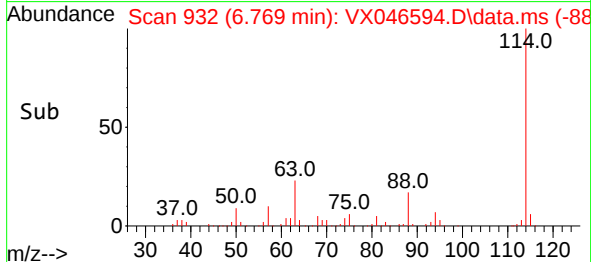
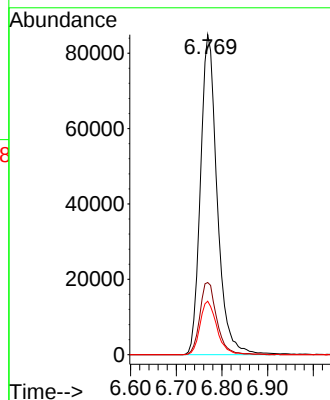
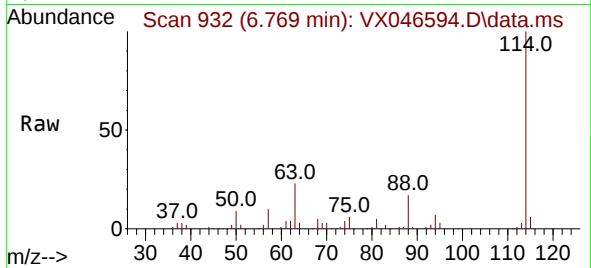




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

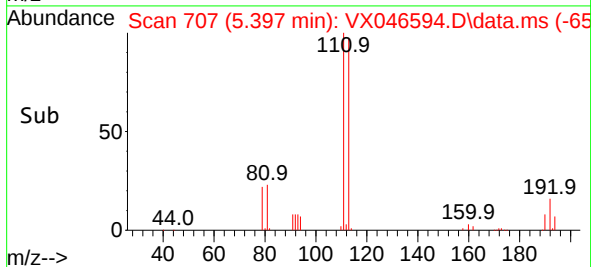
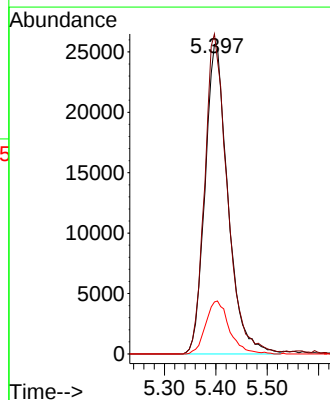
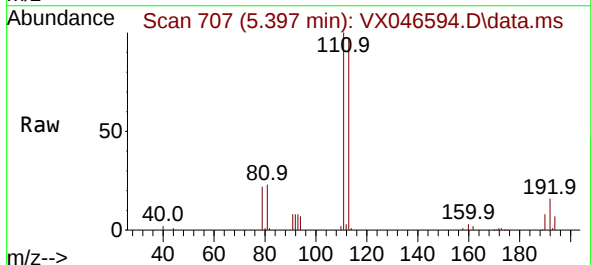
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MSVOA_X
ClientSampleId :
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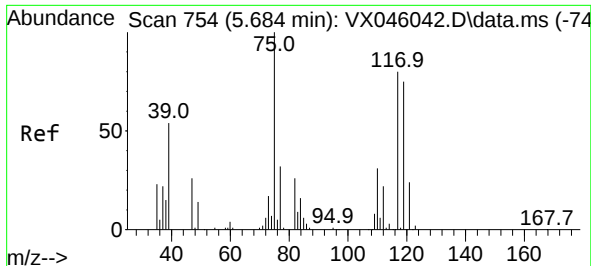
Tgt Ion:114 Resp: 215111
Ion Ratio Lower Upper
114 100
63 22.5 0.0 49.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.288 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

Tgt Ion:113 Resp: 79551
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 17.6 13.3 19.9

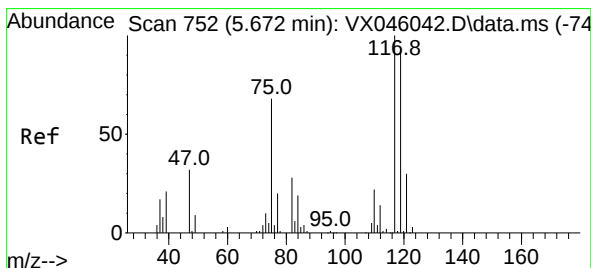
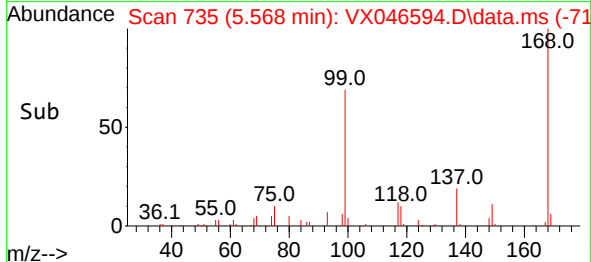
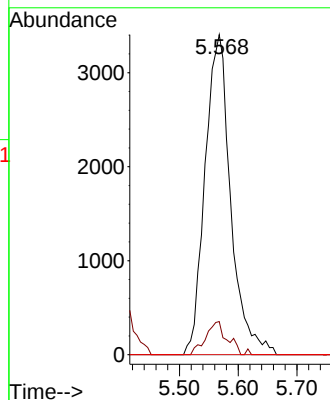
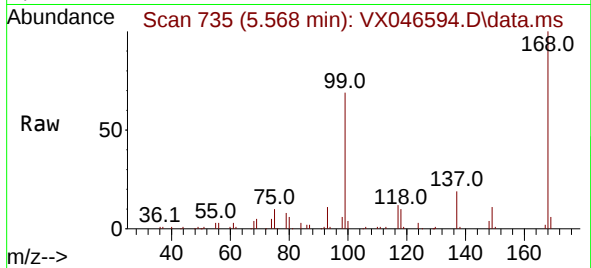




#36
 1,1-Dichloropropene
 Concen: 4.569 ug/l
 RT: 5.568 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

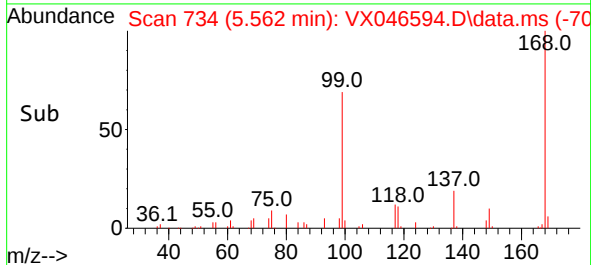
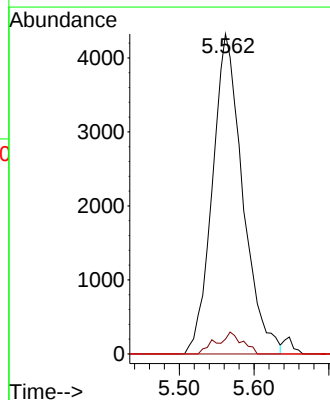
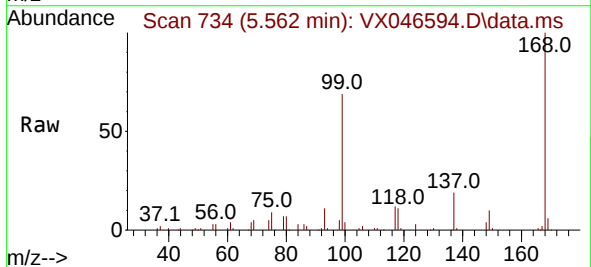
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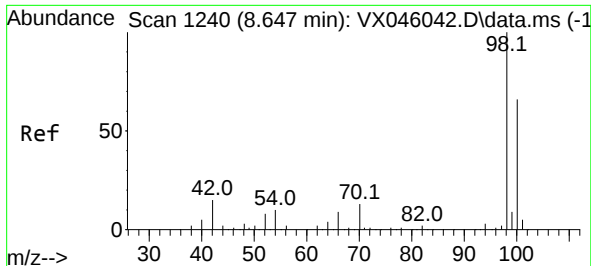
Tgt Ion: 75 Resp: 10324
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.3 48.9#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 4.814 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.134 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

Tgt Ion: 117 Resp: 12183
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.2 112.8#
 121 0.0 24.2 36.4#

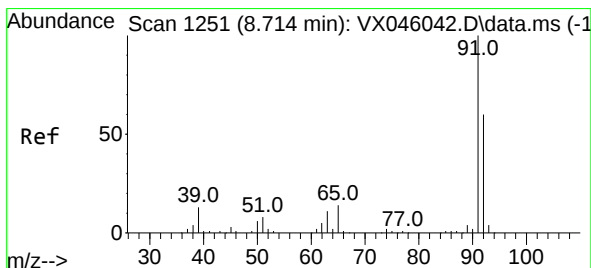
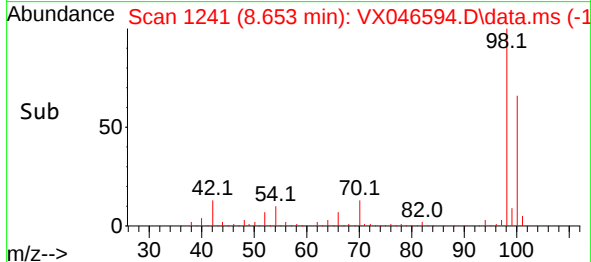
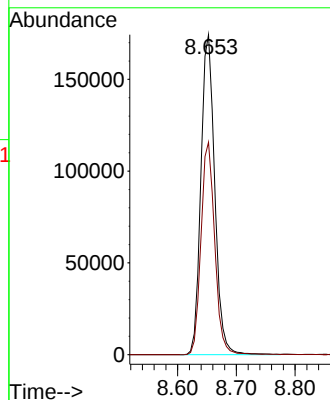
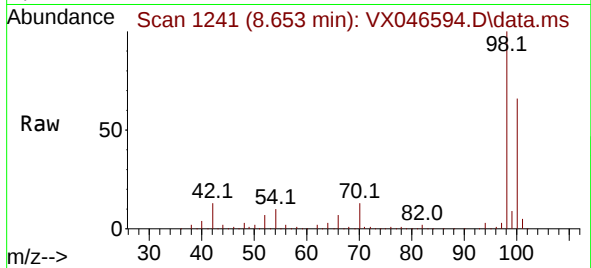




#50
Toluene-d8
Concen: 54.715 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

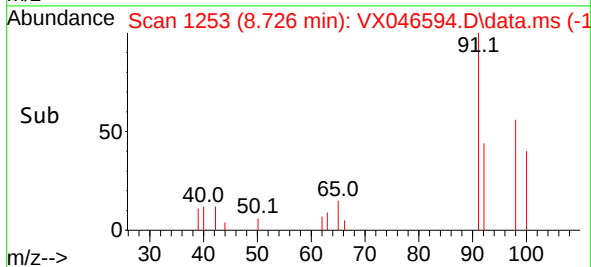
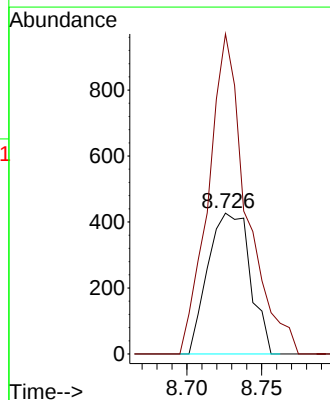
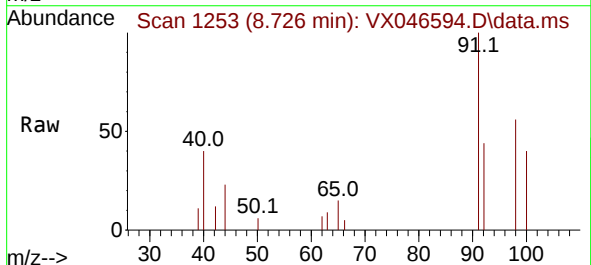
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 285359
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#52
Toluene
Concen: 0.215 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

Tgt Ion: 92 Resp: 839
Ion Ratio Lower Upper
92 100
91 205.5 136.6 205.0#

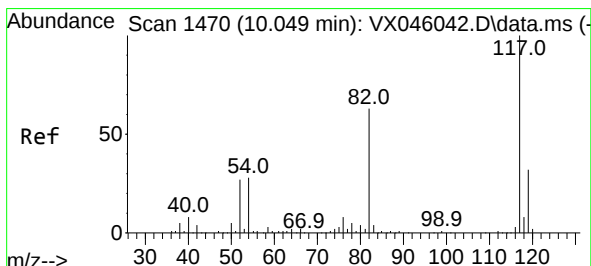
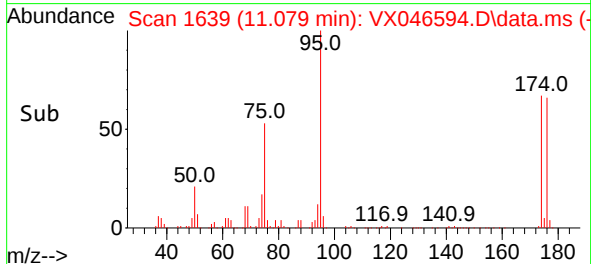
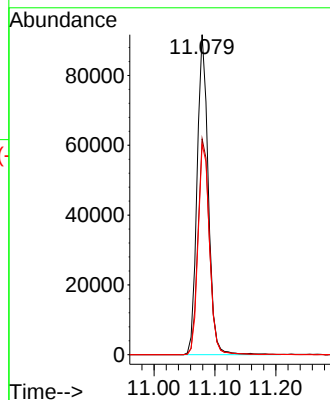
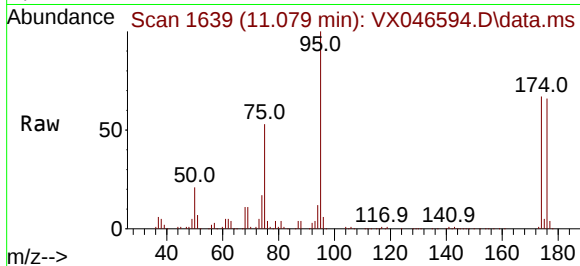




#62
4-Bromofluorobenzene
Concen: 54.024 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

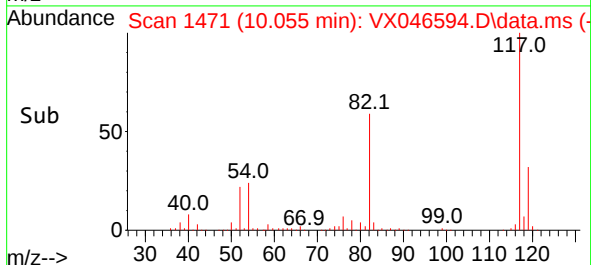
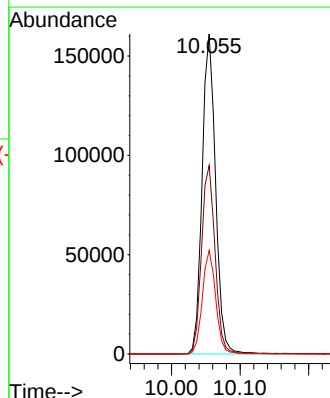
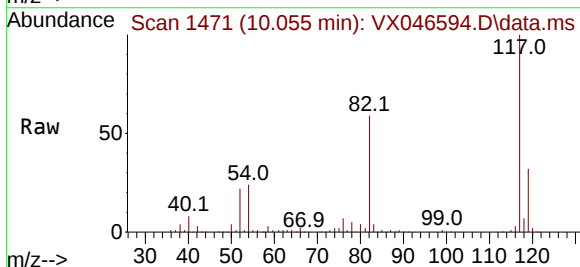
Instrument :
MSVOA_X
ClientSampleId :
FB-060425

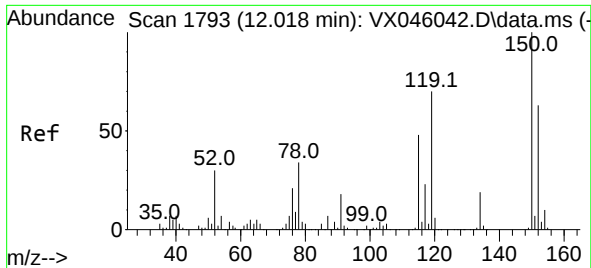
Tgt Ion: 95 Resp: 116576
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.8
176 67.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046594.D
Acq: 10 Jun 2025 12:09

Tgt Ion: 117 Resp: 220551
Ion Ratio Lower Upper
117 100
82 58.9 50.6 76.0
119 32.3 25.8 38.6

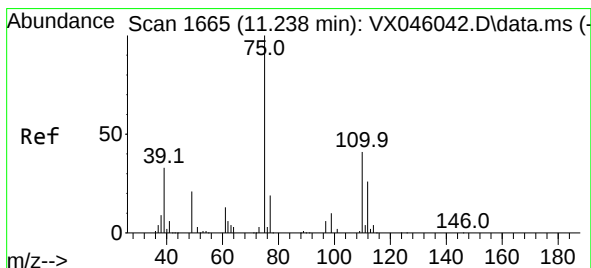
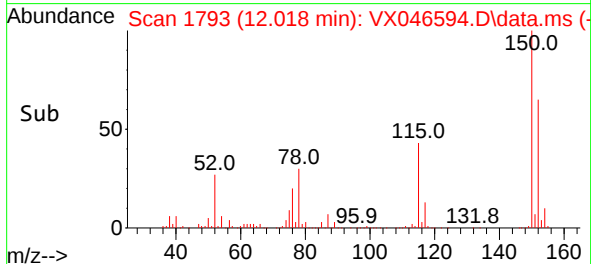
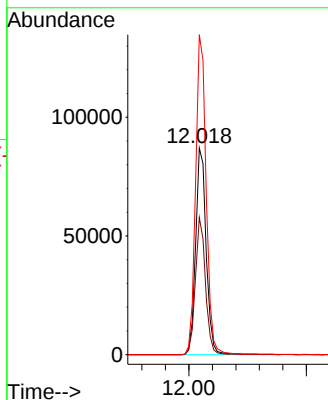
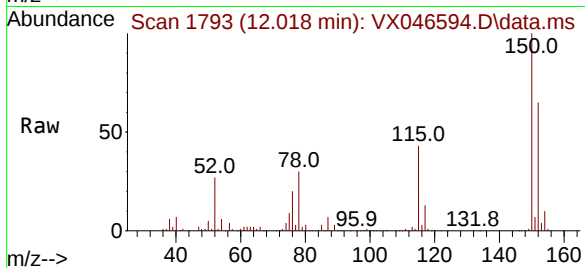




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

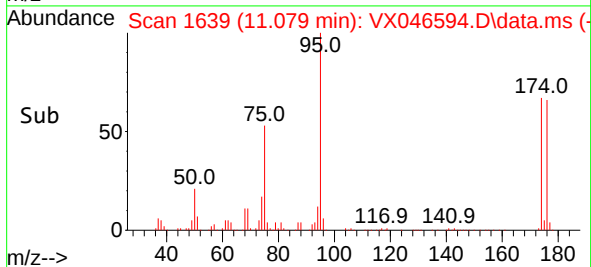
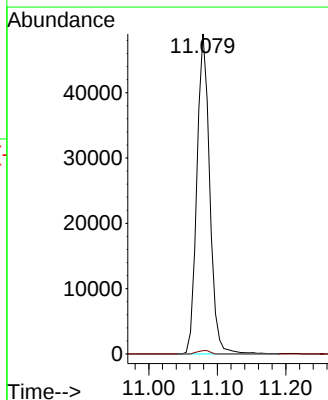
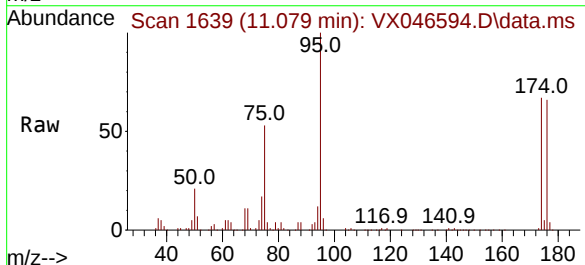
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-060425

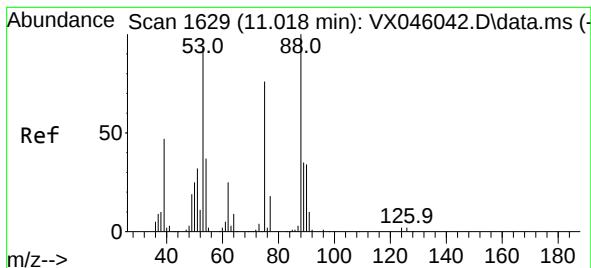
Tgt Ion:152 Resp: 108439
 Ion Ratio Lower Upper
 152 100
 115 63.8 46.9 140.7
 150 155.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 27.843 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

Tgt Ion: 75 Resp: 63953
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.318 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046594.D
 Acq: 10 Jun 2025 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-060425

Tgt Ion: 75 Resp: 63953
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

