

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046333.D
 Acq On : 23 May 2025 10:16
 Operator : JC/MD
 Sample : VX0523WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBL01

Quant Time: May 23 22:57:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

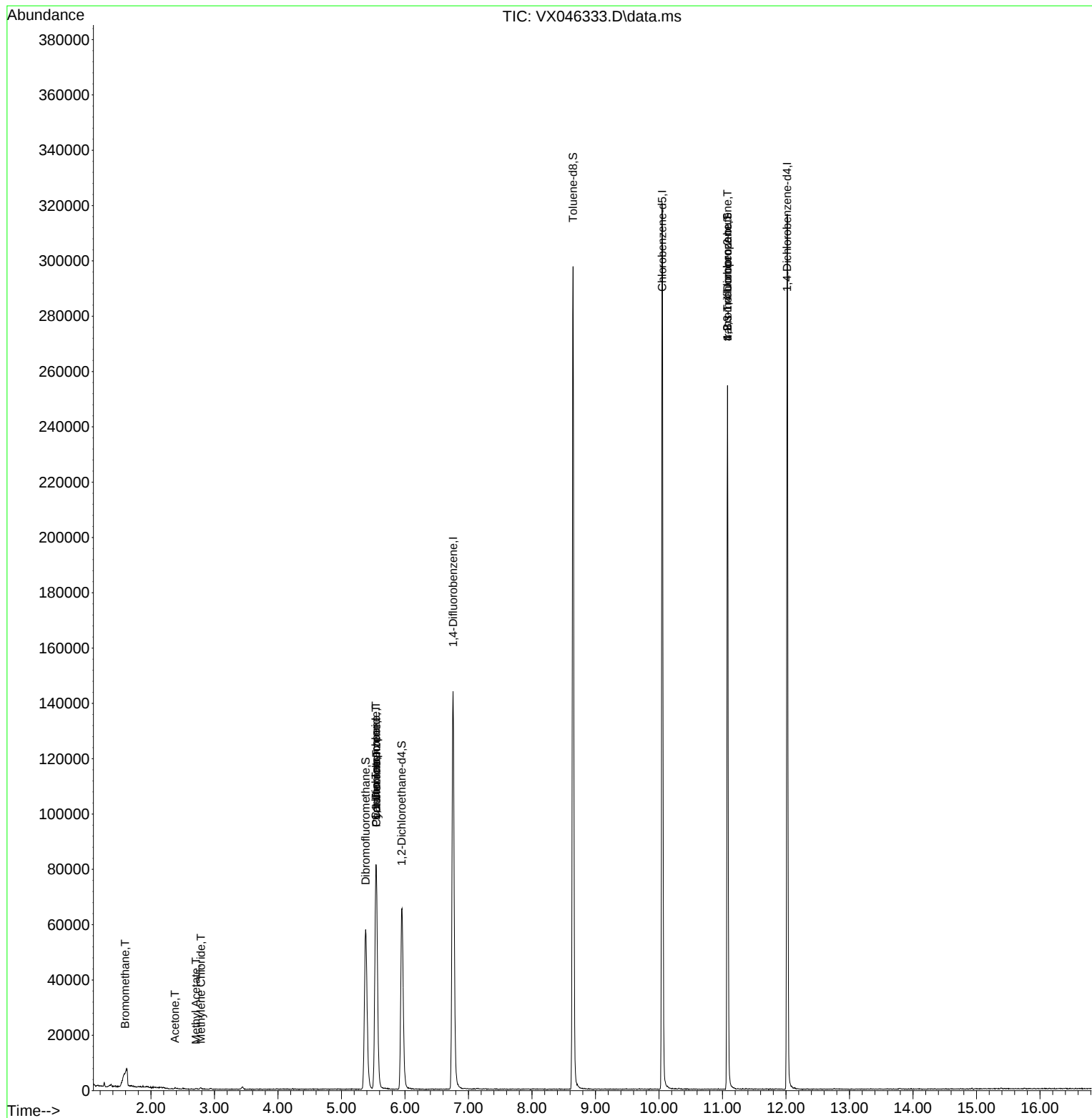
Internal Standards						
1) Pentafluorobenzene	5.550	168	69169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68649	53.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.480%	
35) Dibromofluoromethane	5.379	113	51060	51.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.980%	
50) Toluene-d8	8.647	98	173751	51.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	11.079	95	67697	51.920	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	188	0.424	ug/l #	53
16) Acetone	2.380	43	250	0.484	ug/l #	48
18) Methyl Acetate	2.709	43	303	0.253	ug/l #	55
20) Methylene Chloride	2.788	84	226	0.228	ug/l #	67
31) Cyclohexane	5.550	56	2161	1.406	ug/l #	56
36) 1,1-Dichloropropene	5.544	75	7049	5.342	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8324	5.614	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	38586	28.073	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38586	91.398	ug/l #	1

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

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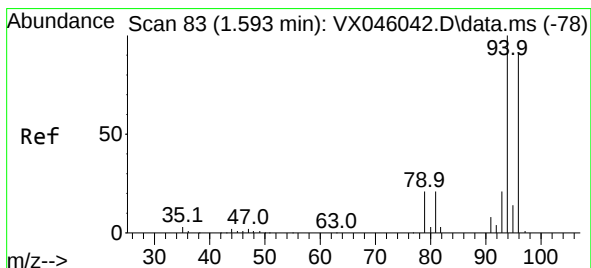
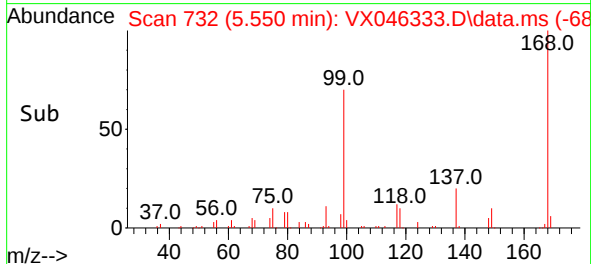
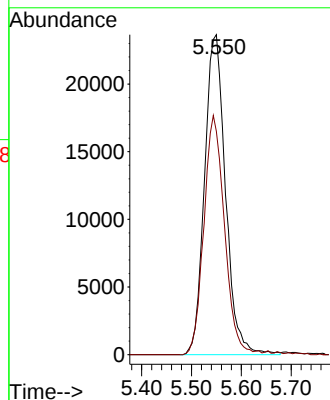
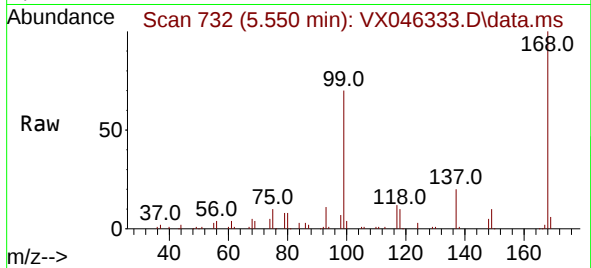




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

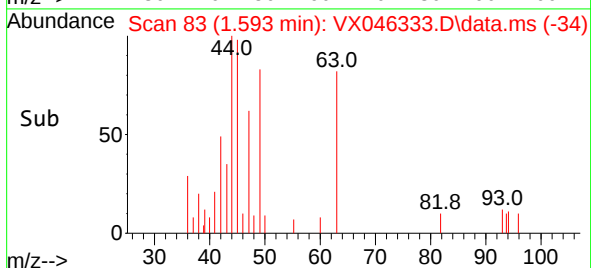
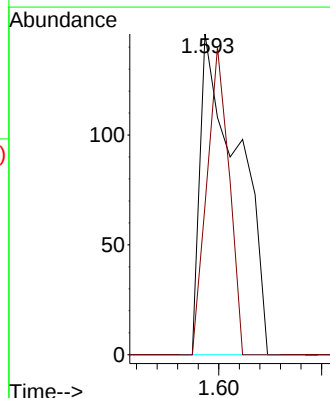
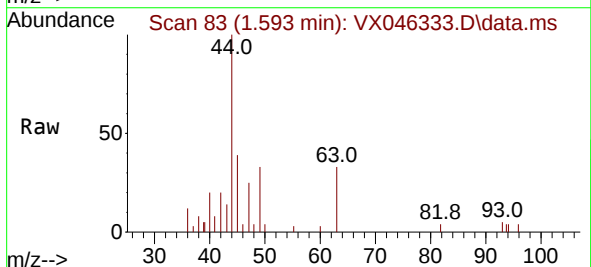
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Tgt Ion:168 Resp: 69169
Ion Ratio Lower Upper
168 100
99 69.8 54.9 82.3



#5
Bromomethane
Concen: 0.424 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion: 94 Resp: 188
Ion Ratio Lower Upper
94 100
96 46.6 72.8 109.2#

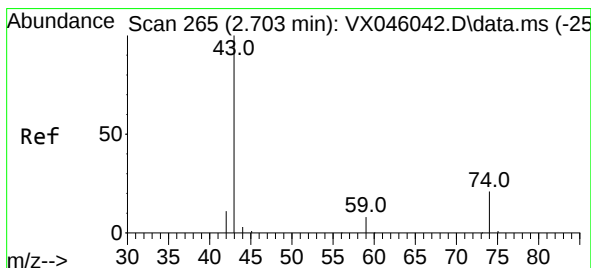
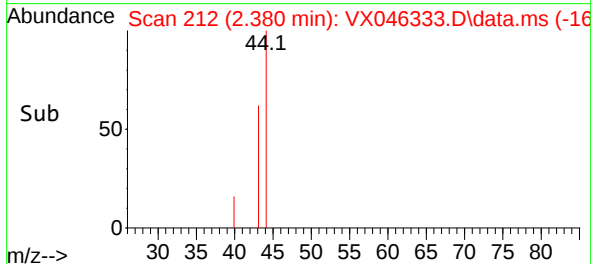
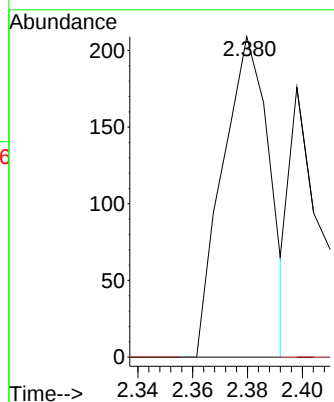
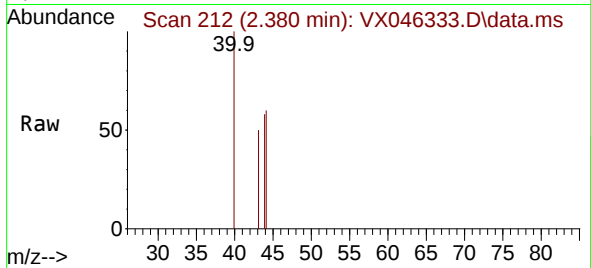




#16
 Acetone
 Concen: 0.484 ug/l
 RT: 2.380 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX046333.D
 Acq: 23 May 2025 10:16

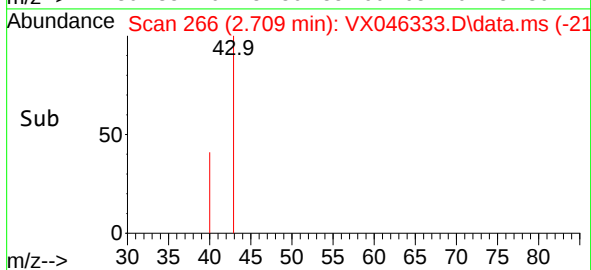
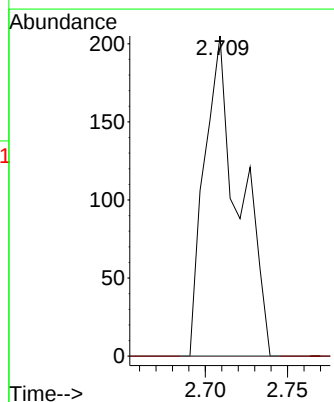
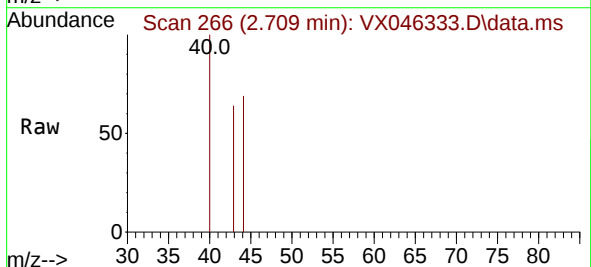
Instrument : MSVOA_X
 ClientSampleId : VX0523WBL01

Tgt Ion: 43 Resp: 250
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.2 31.8#



#18
 Methyl Acetate
 Concen: 0.253 ug/l
 RT: 2.709 min Scan# 266
 Delta R.T. 0.006 min
 Lab File: VX046333.D
 Acq: 23 May 2025 10:16

Tgt Ion: 43 Resp: 303
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.7 25.1#

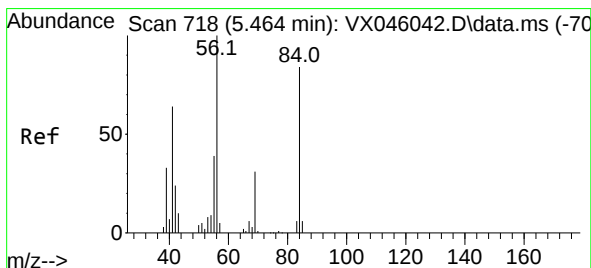
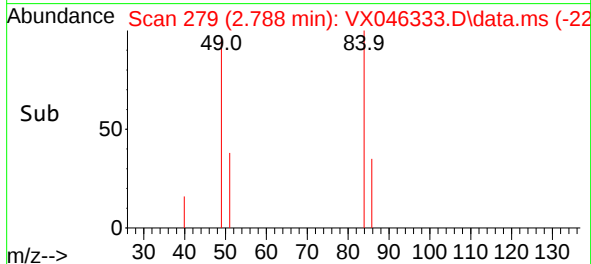
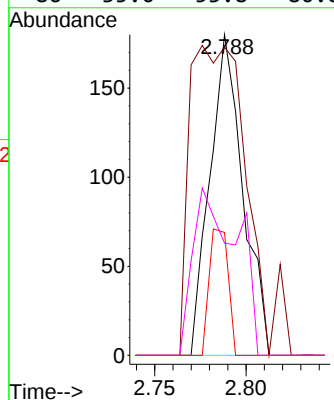
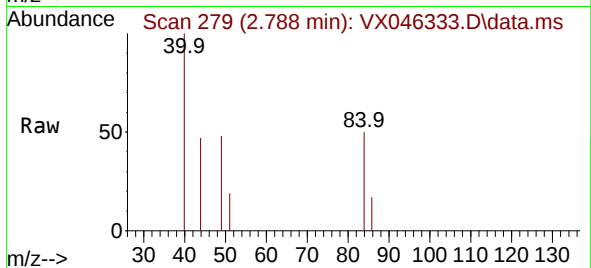




#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

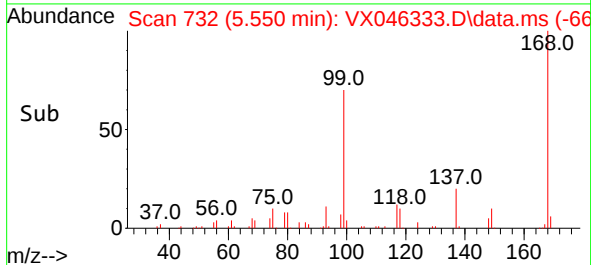
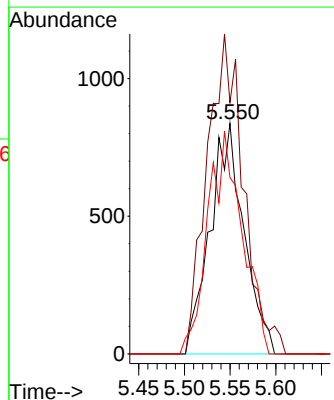
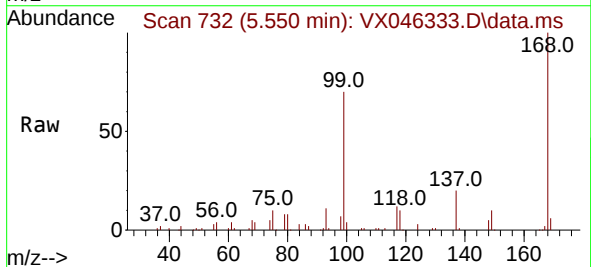
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

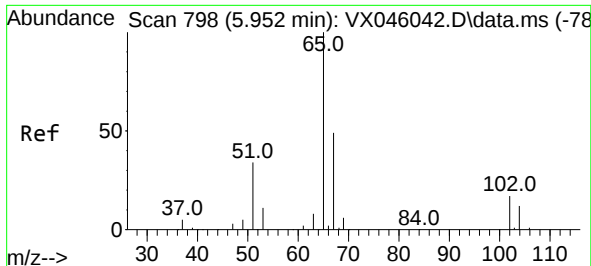
Tgt Ion:	84	Resp:	226
Ion	Ratio	Lower	Upper
84	100		
49	96.1	113.9	170.9#
51	38.3	33.5	50.3
86	35.0	53.8	80.8#



#31
Cyclohexane
Concen: 1.406 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion:	56	Resp:	2161
Ion	Ratio	Lower	Upper
56	100		
69	109.1	24.4	36.6#
84	76.6	66.9	100.3

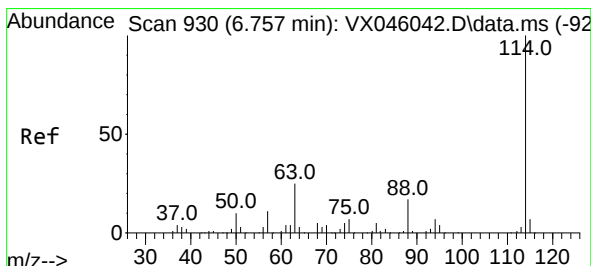
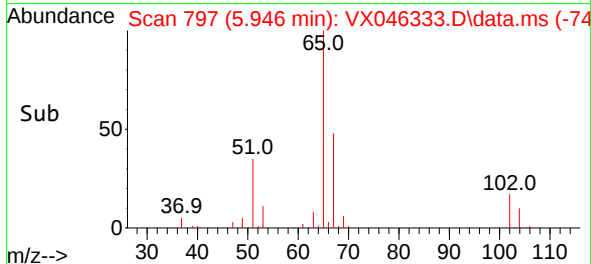
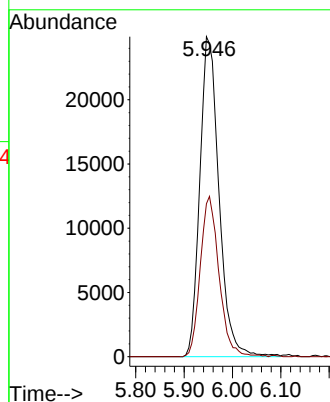
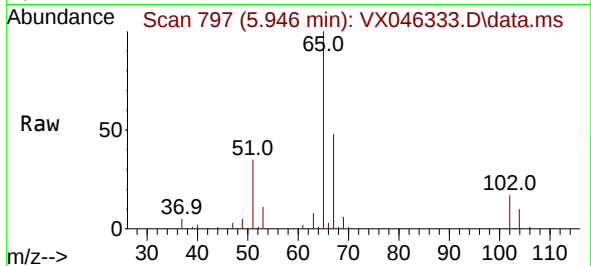




#33
 1,2-Dichloroethane-d4
 Concen: 53.236 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046333.D
 Acq: 23 May 2025 10:16

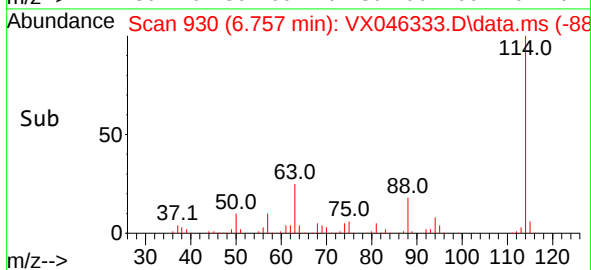
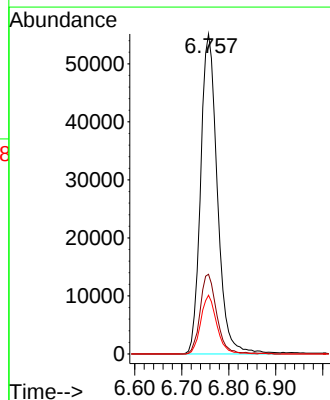
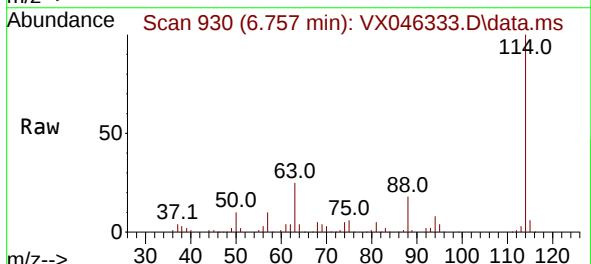
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBL01

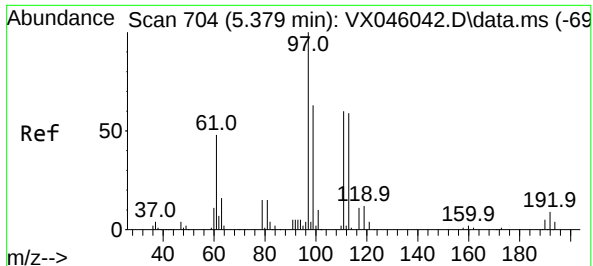
Tgt Ion: 65 Resp: 68649
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046333.D
 Acq: 23 May 2025 10:16

Tgt Ion: 114 Resp: 136383
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 18.4 0.0 33.6

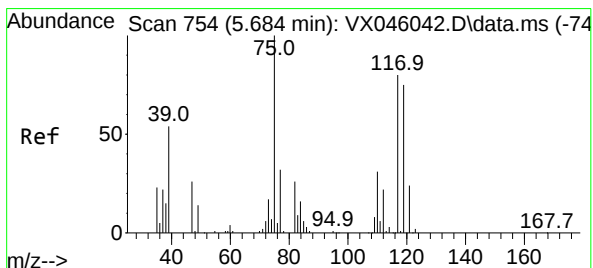
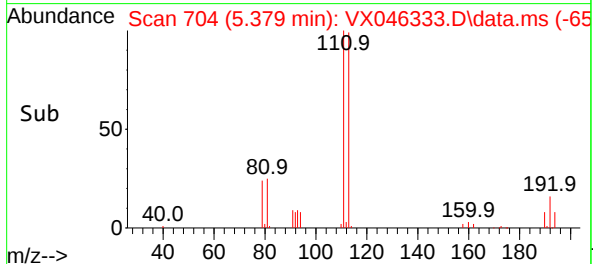
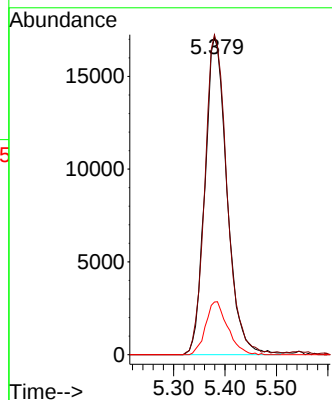
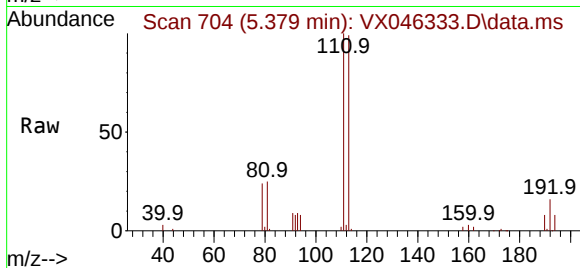




#35
Dibromofluoromethane
Concen: 51.991 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

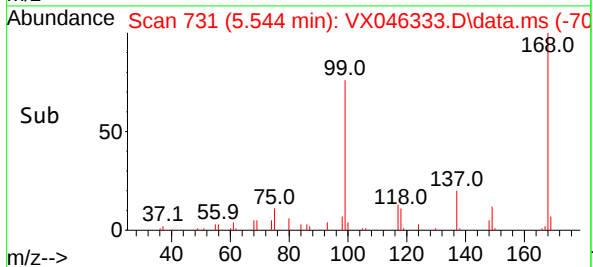
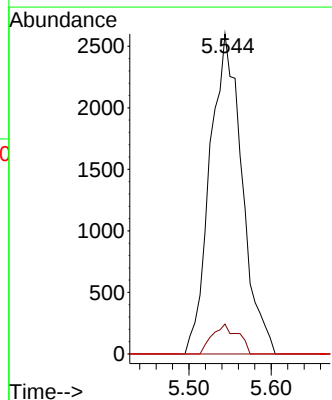
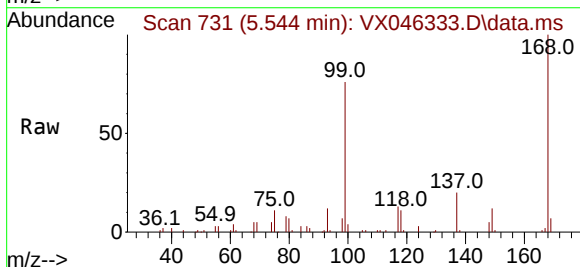
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

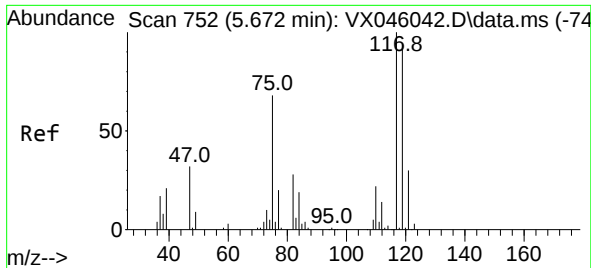
Tgt Ion:113 Resp: 51060
Ion Ratio Lower Upper
113 100
111 101.2 83.1 124.7
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

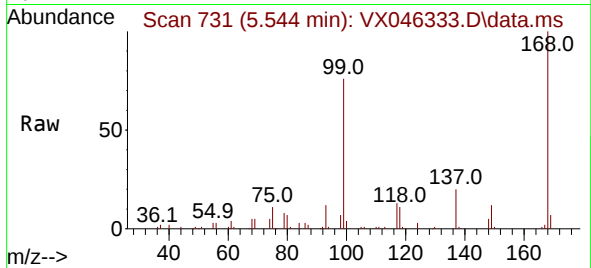
Tgt Ion: 75 Resp: 7049
Ion Ratio Lower Upper
75 100
110 7.4 16.3 48.9#
77 0.0 24.3 36.5#



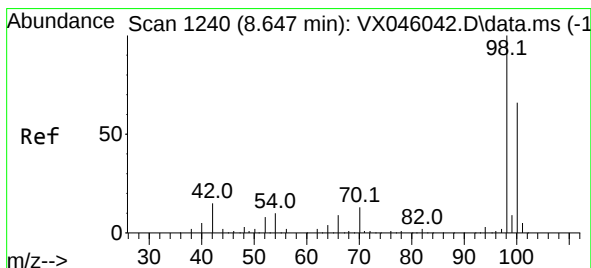
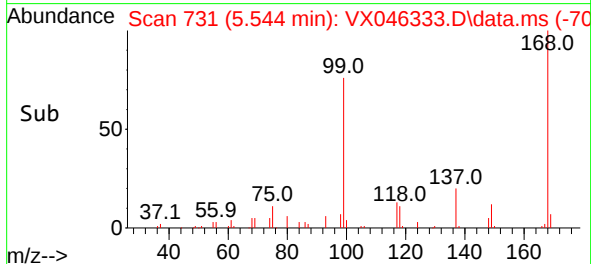
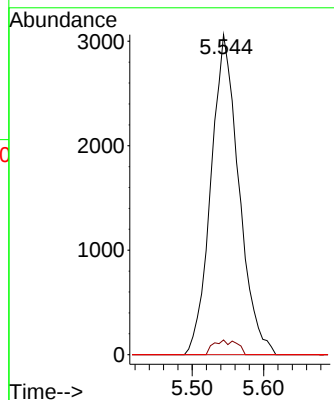


#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

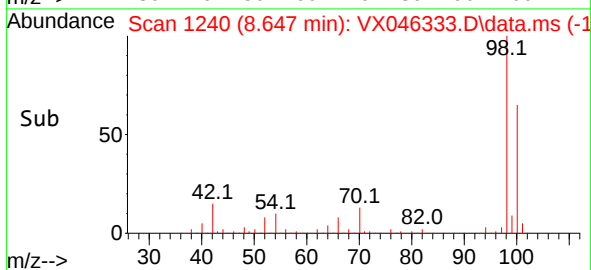
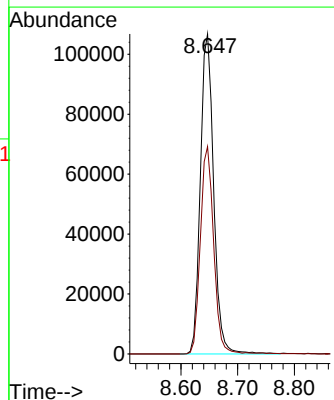
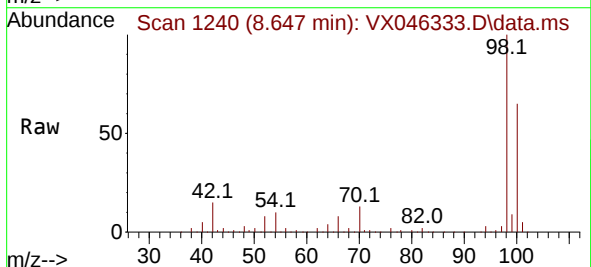


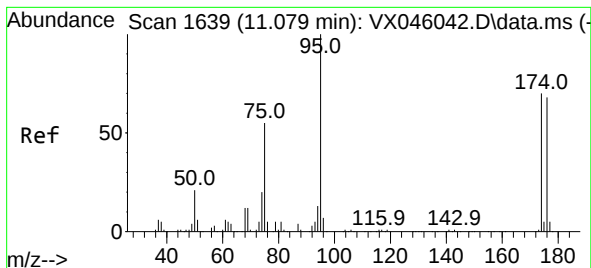
Tgt Ion:117 Resp: 8324
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.115 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion: 98 Resp: 173751
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

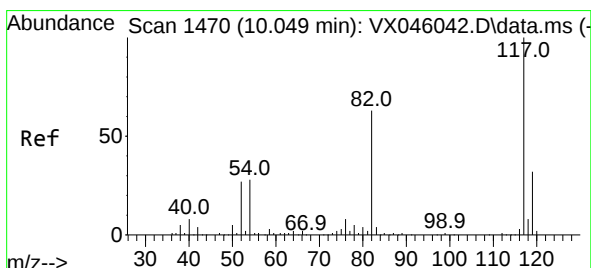
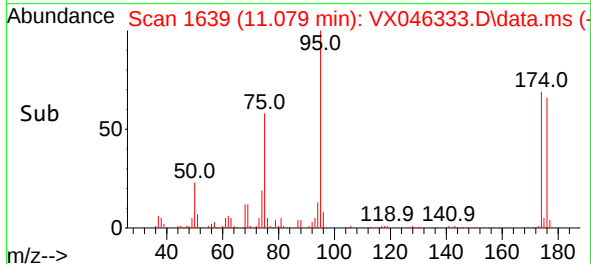
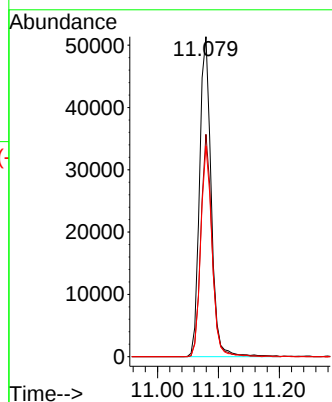
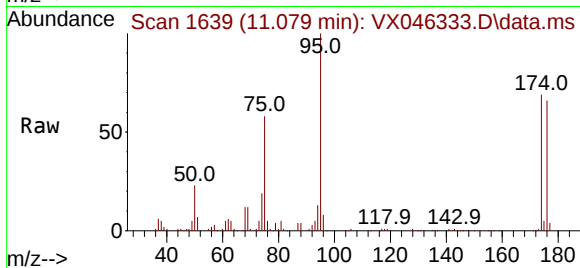




#62
4-Bromofluorobenzene
Concen: 51.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

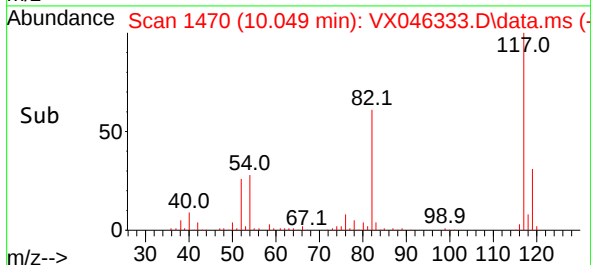
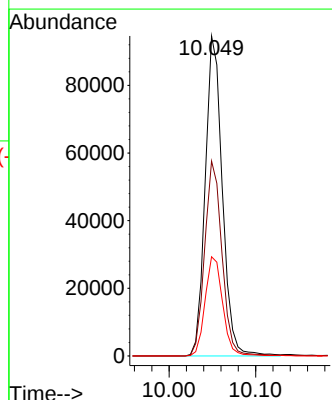
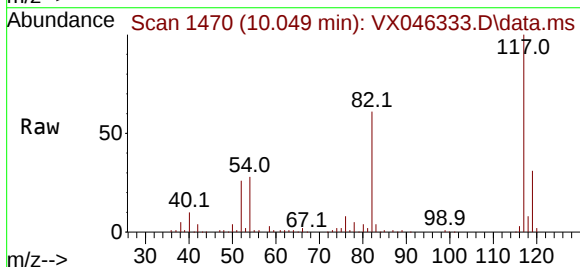
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

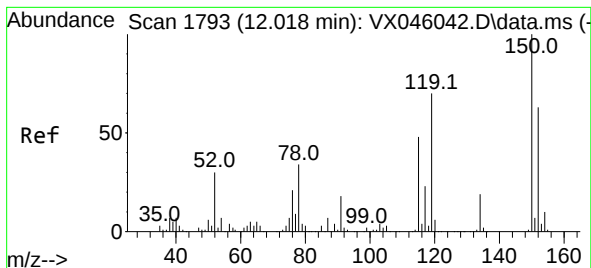
Tgt Ion: 95 Resp: 67697
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion: 117 Resp: 129888
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 31.0 25.8 38.6

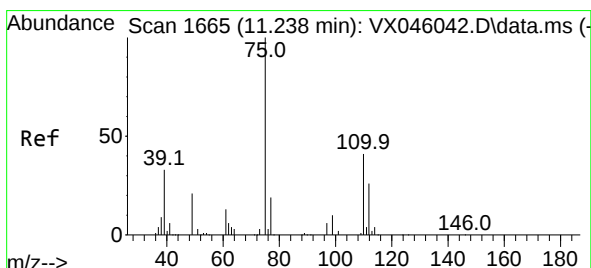
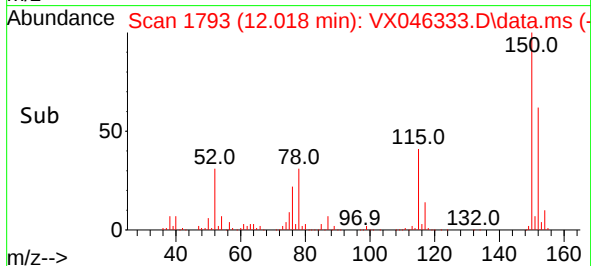
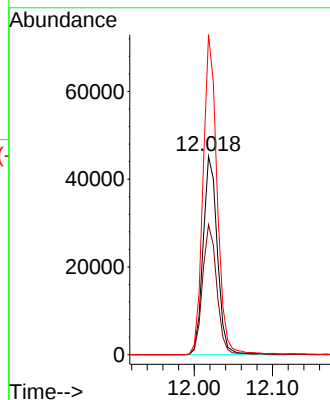
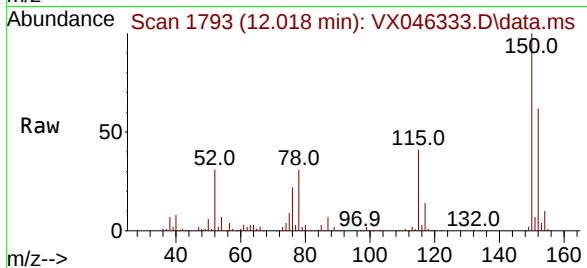




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

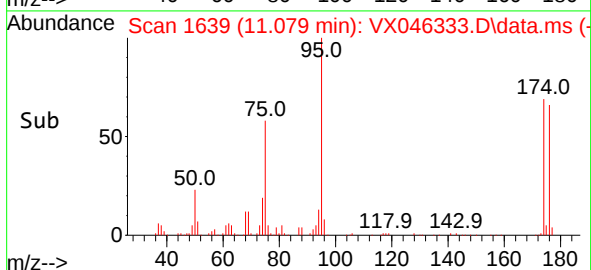
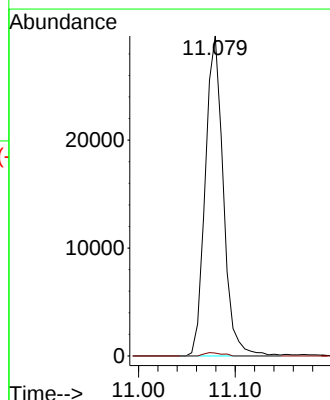
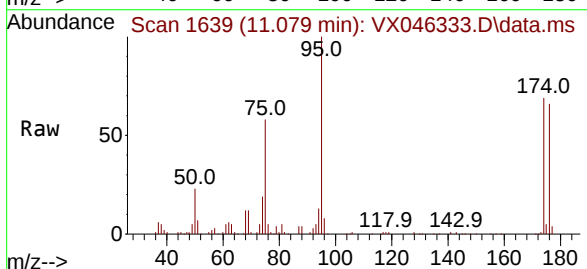
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

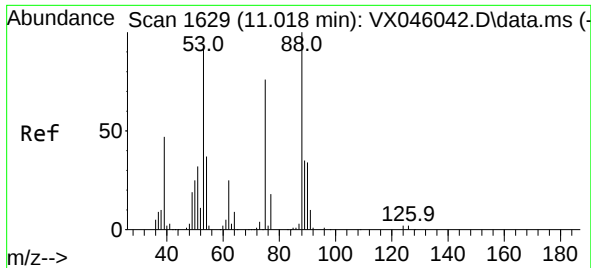
Tgt Ion:152 Resp: 57102
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 158.9 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

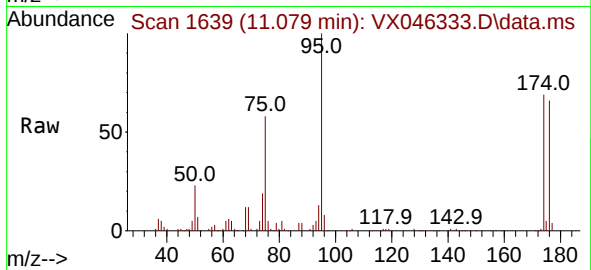
Tgt Ion: 75 Resp: 38586
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.398 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01



Tgt Ion: 75 Resp: 38586
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

