

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045279.D
 Acq On : 13 Mar 2025 19:02
 Operator : JC/MD
 Sample : Q1559-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

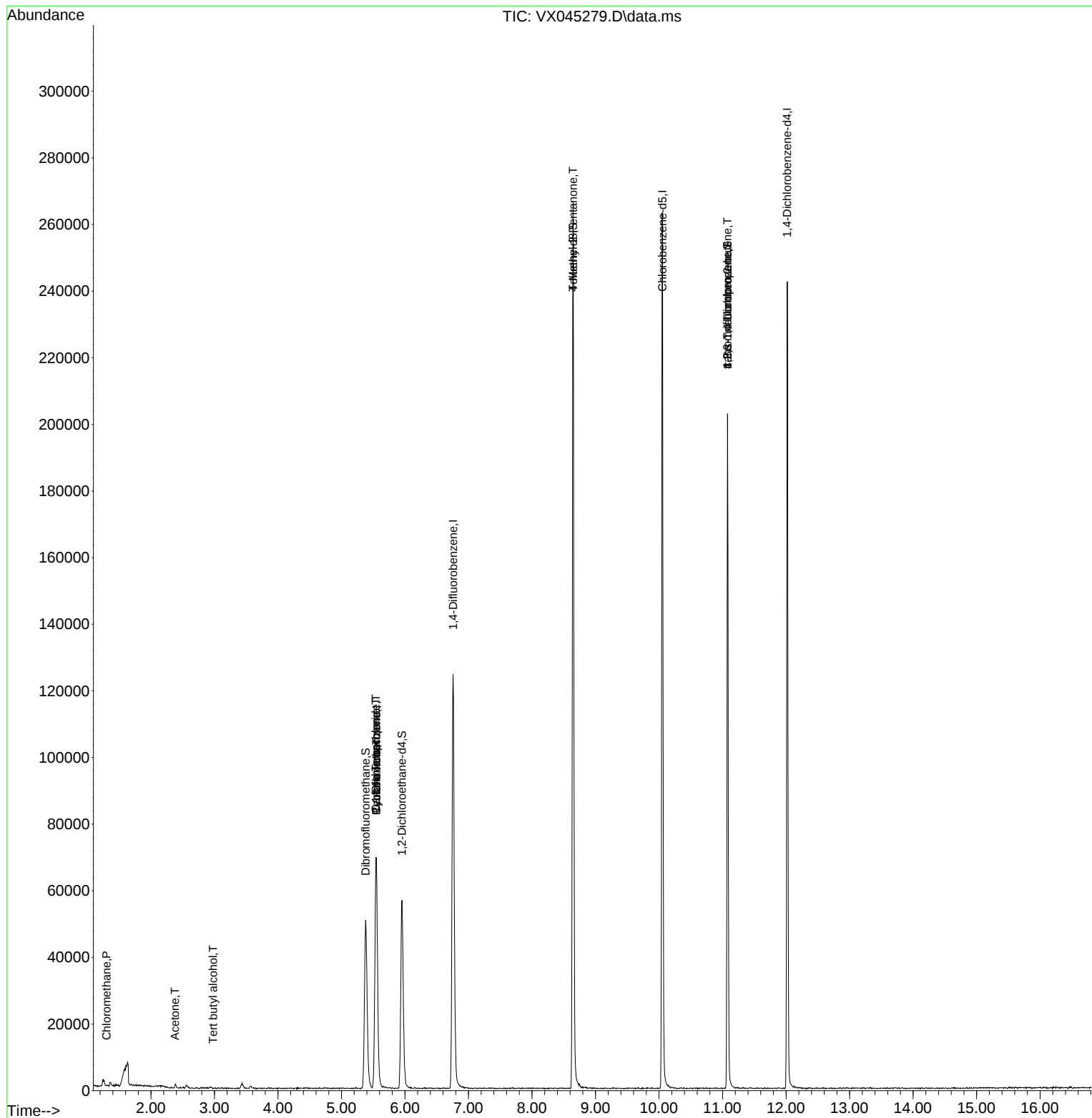
Internal Standards						
1) Pentafluorobenzene	5.550	168	62583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55132	55.383	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.760%	
35) Dibromofluoromethane	5.379	113	44035	53.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.540%	
50) Toluene-d8	8.647	98	154582	51.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	11.079	95	52038	52.406	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	258	0.268	ug/l #	43
11) Tert butyl alcohol	2.977	59	48	0.255	ug/l #	73
16) Acetone	2.380	43	1125	2.436	ug/l	97
31) Cyclohexane	5.550	56	1848	1.364	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	5852	5.163	ug/l #	49
38) Carbon Tetrachloride	5.544	117	6931	6.023	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	832	0.574	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29221	27.210	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29221	93.119	ug/l #	6

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

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Quant Time: Mar 14 12:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

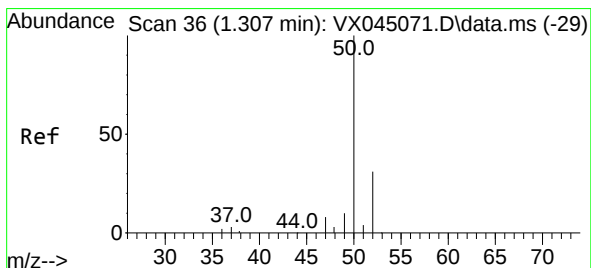
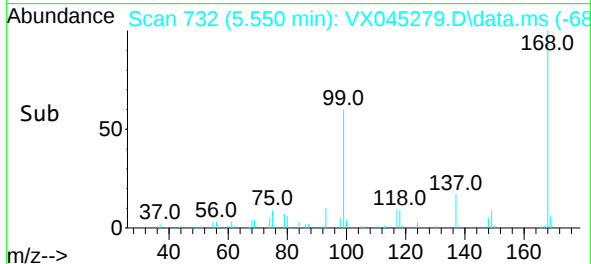
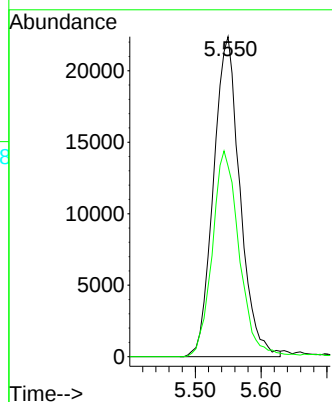
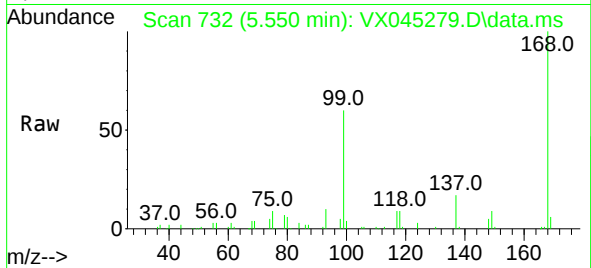




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

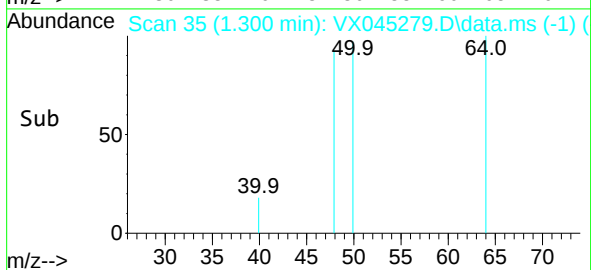
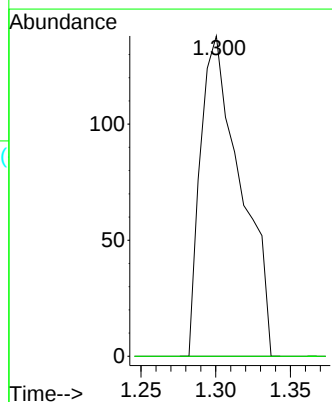
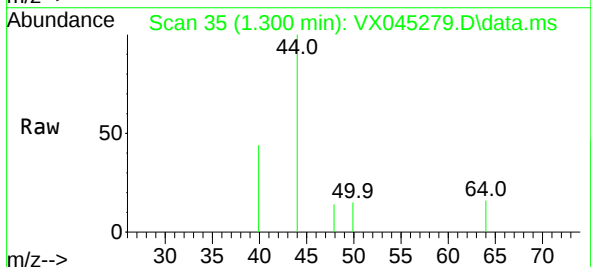
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 62583
Ion Ratio Lower Upper
168 100
99 59.5 48.2 72.4



#3
Chloromethane
Concen: 0.268 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

Tgt Ion: 50 Resp: 258
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

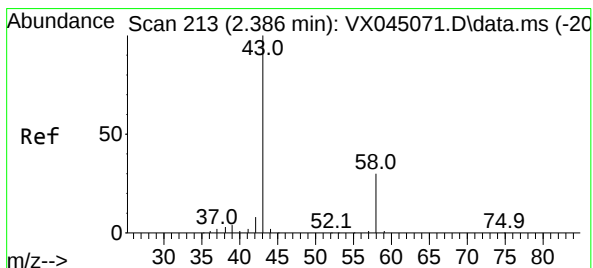
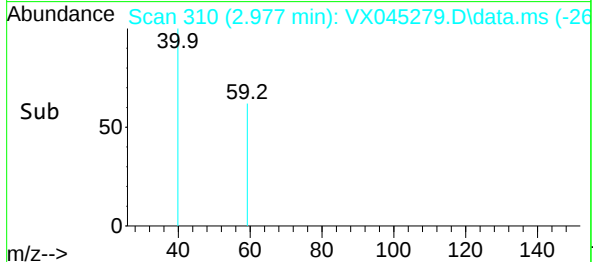
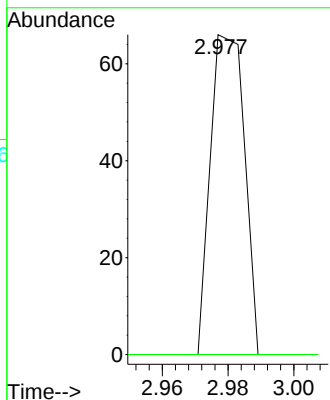
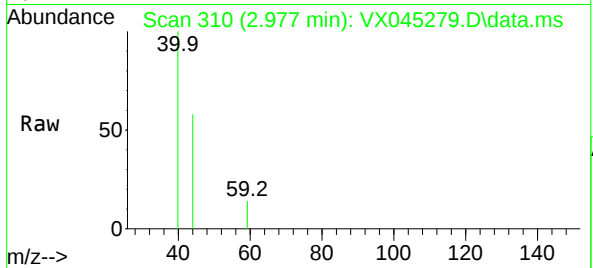




#11
Tert butyl alcohol
Concen: 0.255 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

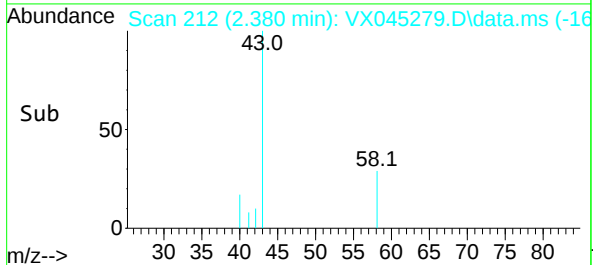
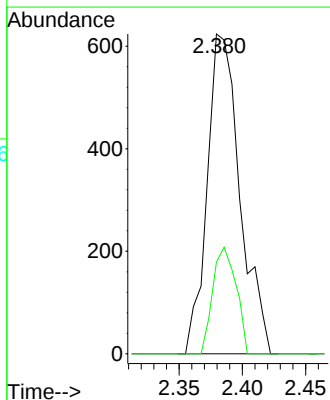
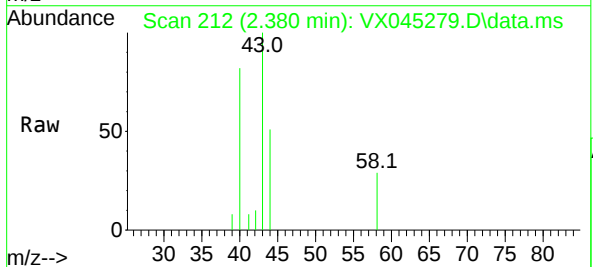
Instrument :
MSVOA_X
ClientSampleId :

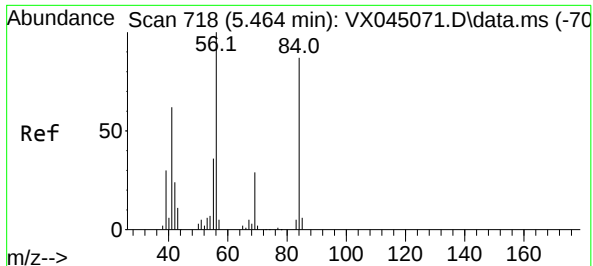
Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.436 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

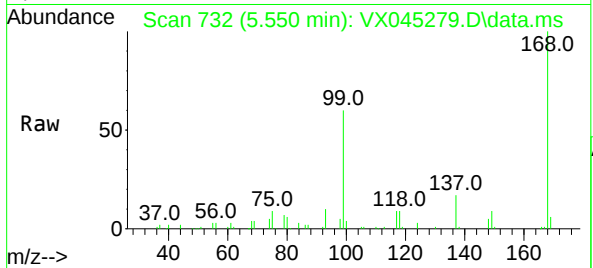
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4



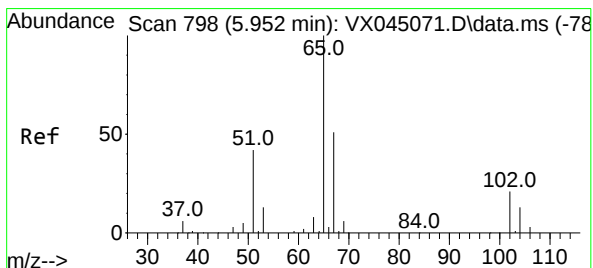
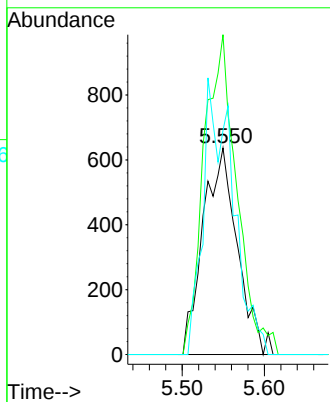
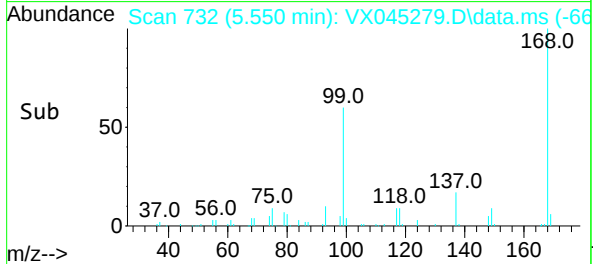


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

Instrument :
MSVOA_X
ClientSampleId :

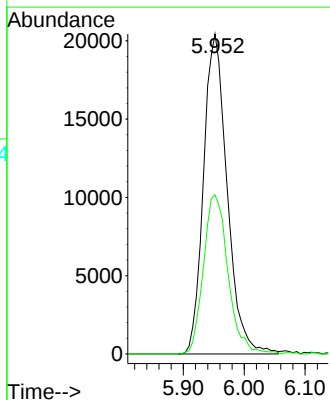
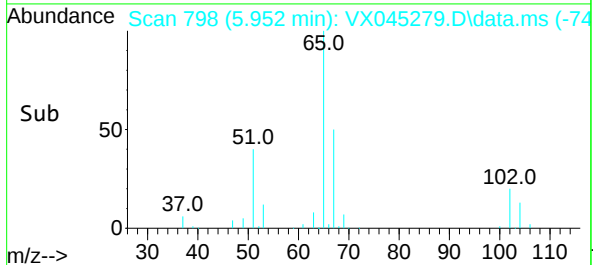
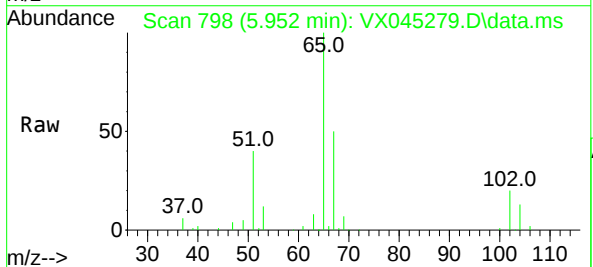


Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 154.8 23.4 35.2#
84 108.5 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 55.383 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

Tgt Ion: 65 Resp: 55132
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2

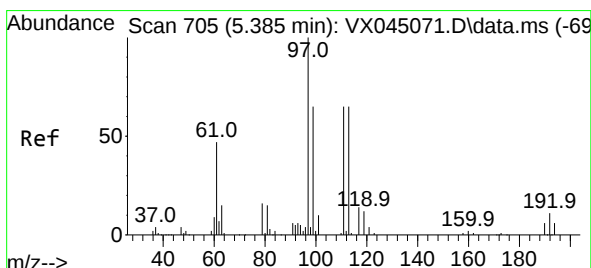
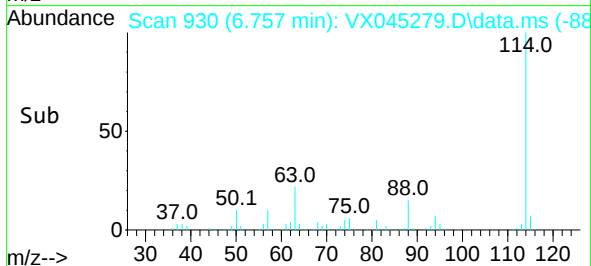
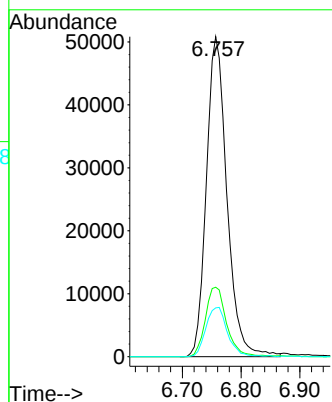
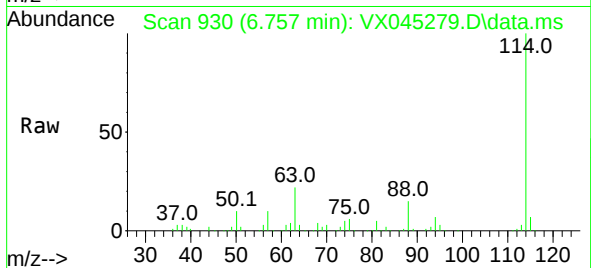




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

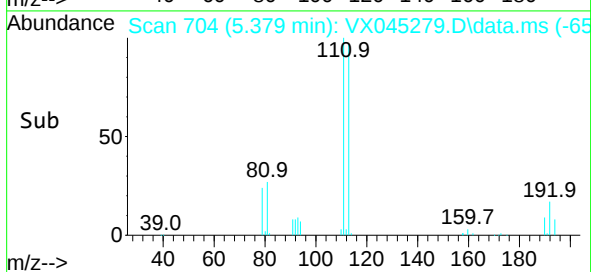
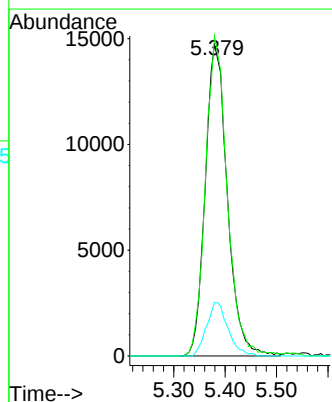
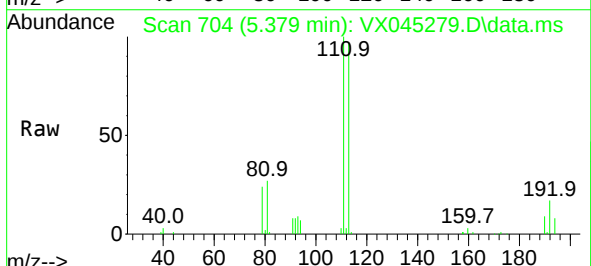
Instrument :
MSVOA_X
ClientSampleId :

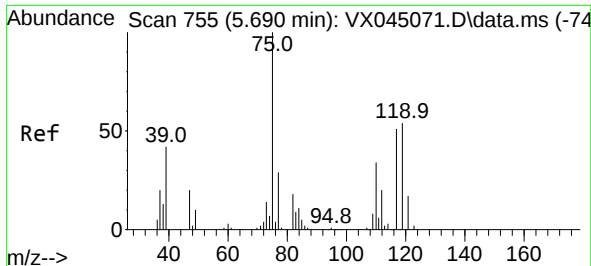
Tgt Ion:114 Resp: 123612
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.275 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

Tgt Ion:113 Resp: 44035
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 16.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.163 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

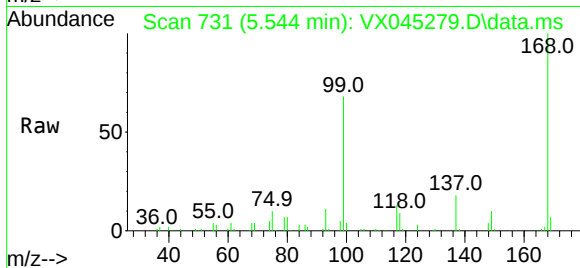
Lab File: VX045279.D

Acq: 13 Mar 2025 19:02

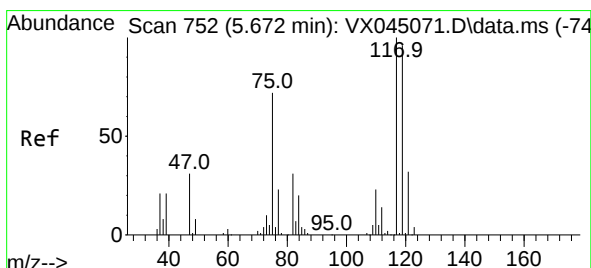
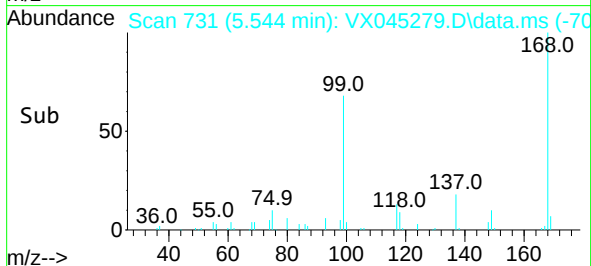
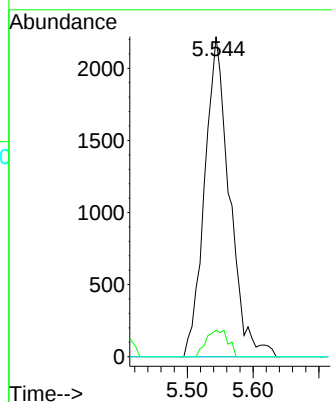
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	5852
Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.9	50.6#
77	0.0	24.5	36.7#



#38

Carbon Tetrachloride

Concen: 6.023 ug/l

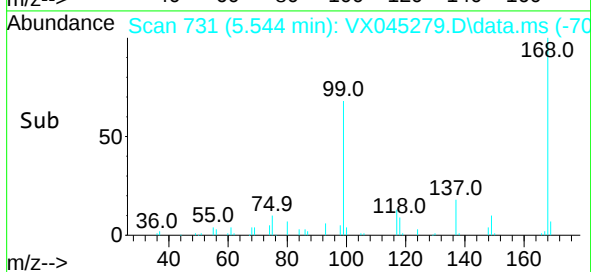
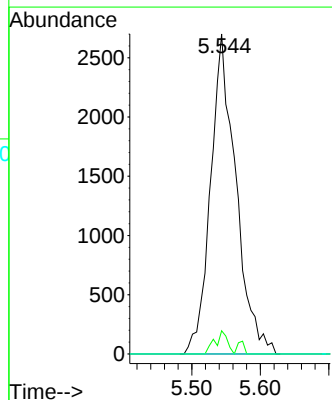
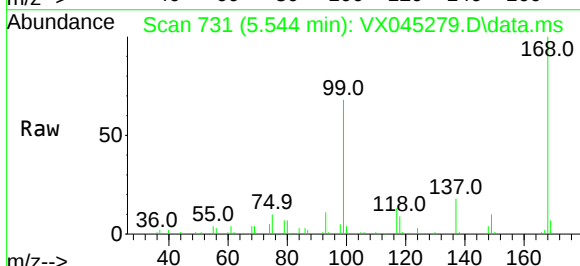
RT: 5.544 min Scan# 731

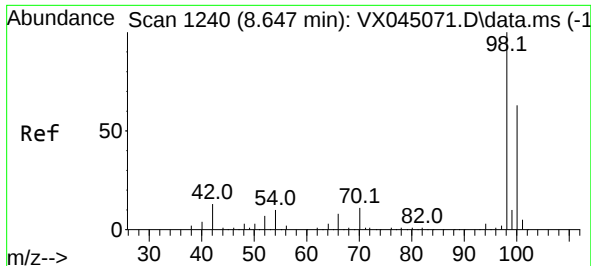
Delta R.T. -0.128 min

Lab File: VX045279.D

Acq: 13 Mar 2025 19:02

Tgt Ion:	117	Resp:	6931
Ion	Ratio	Lower	Upper
117	100		
119	7.3	76.7	115.1#
121	0.0	25.5	38.3#

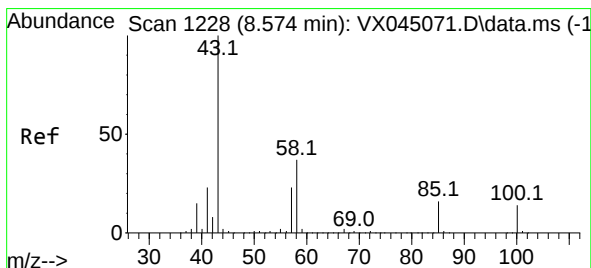
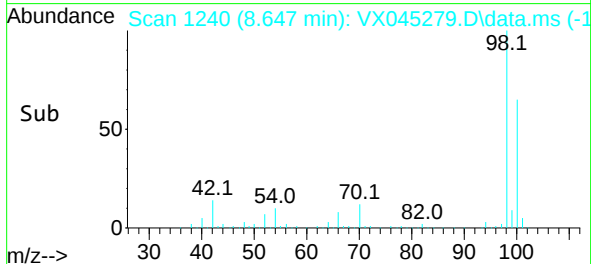
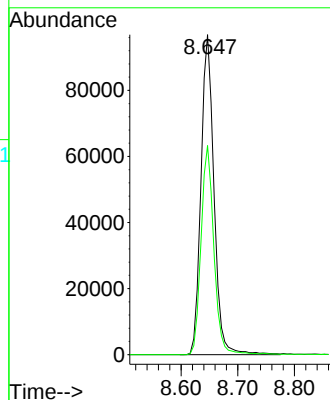
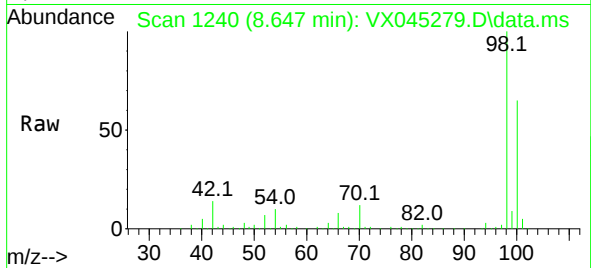




#50
Toluene-d8
Concen: 51.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

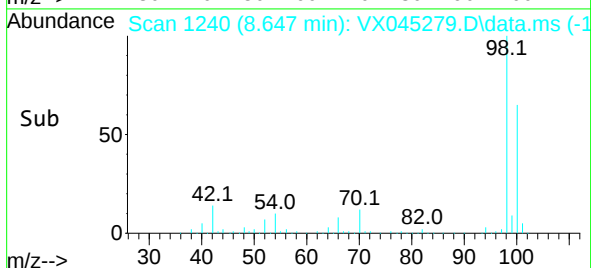
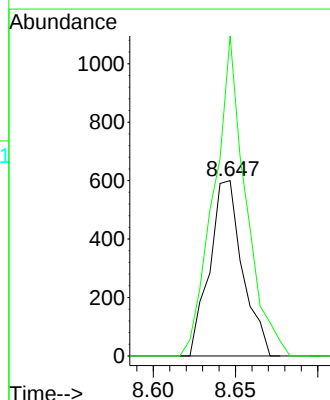
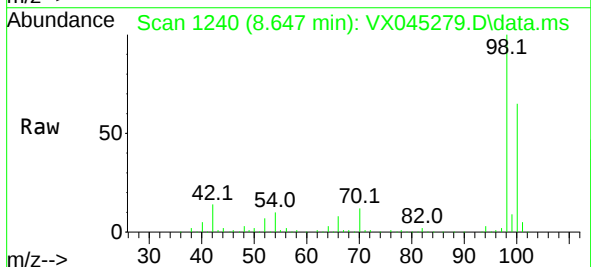
Instrument :
MSVOA_X
ClientSampleId :

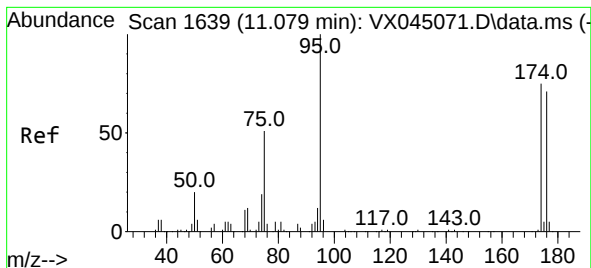
Tgt Ion: 98 Resp: 154582
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 176.4 29.2 43.8#

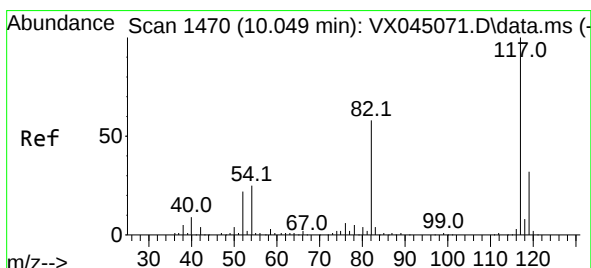
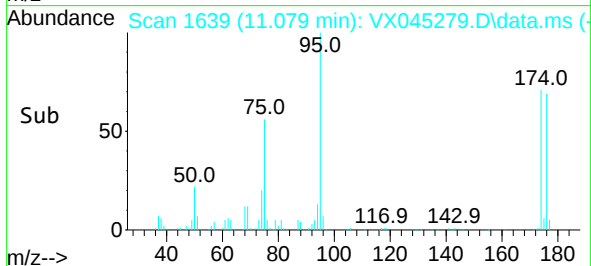
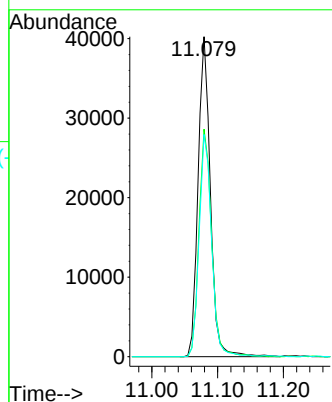
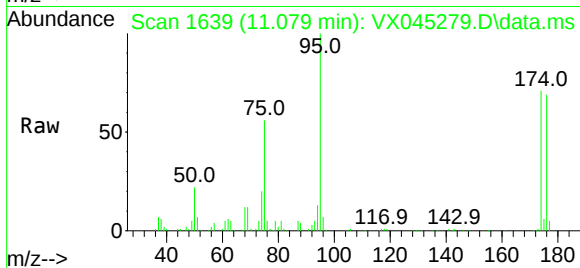




#62
4-Bromofluorobenzene
Concen: 52.406 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

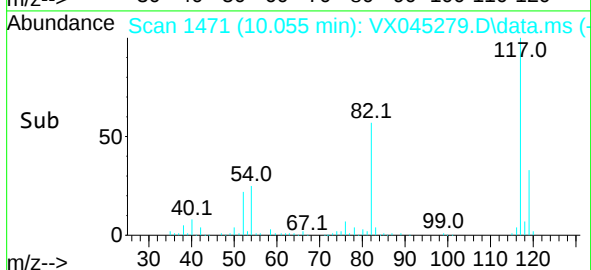
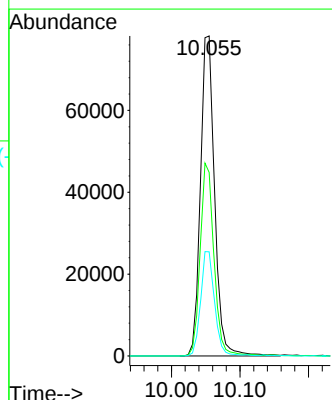
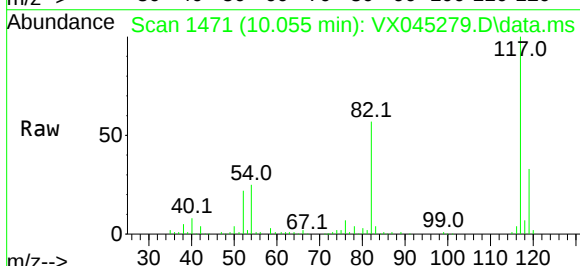
Instrument :
MSVOA_X
ClientSampleId :

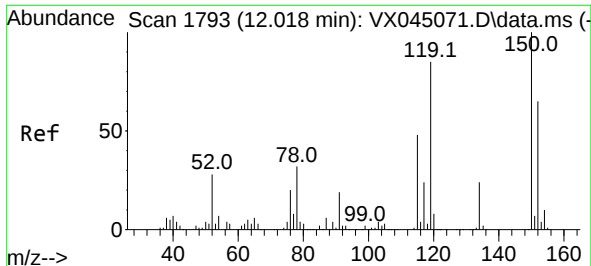
Tgt Ion: 95 Resp: 52038
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.2
176 70.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045279.D
Acq: 13 Mar 2025 19:02

Tgt Ion: 117 Resp: 112694
Ion Ratio Lower Upper
117 100
82 57.4 46.3 69.5
119 32.6 25.7 38.5

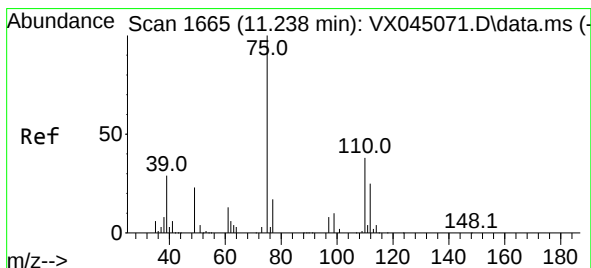
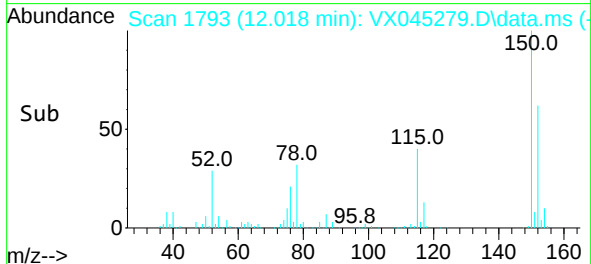
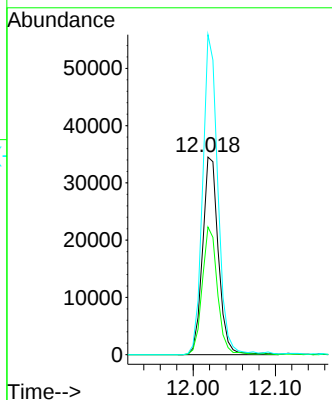
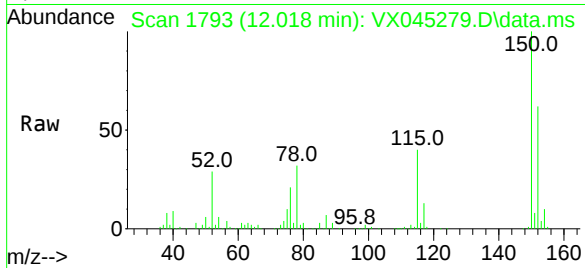




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045279.D
 Acq: 13 Mar 2025 19:02

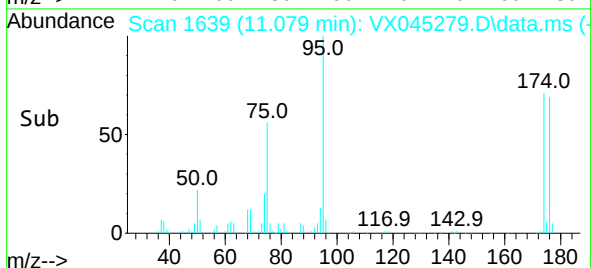
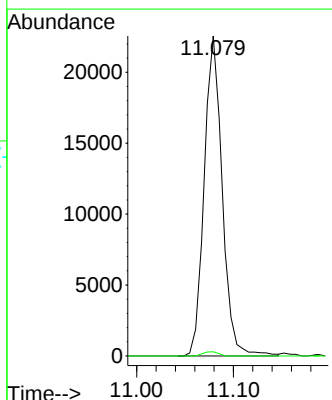
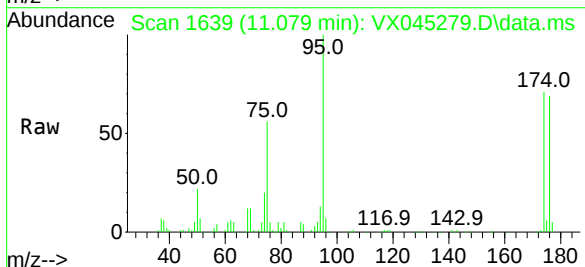
Instrument :
 MSVOA_X
 ClientSampleId :

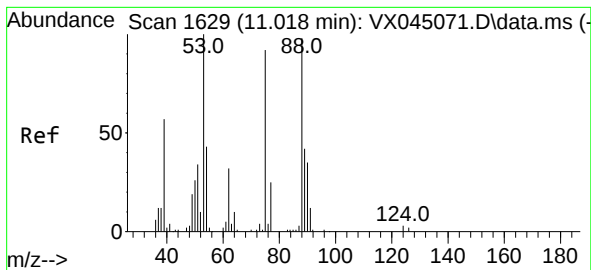
Tgt Ion:152 Resp: 46139
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.2 132.6
 150 155.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.210 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045279.D
 Acq: 13 Mar 2025 19:02

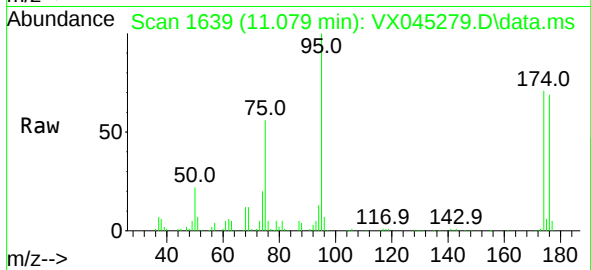
Tgt Ion: 75 Resp: 29221
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.119 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045279.D
 Acq: 13 Mar 2025 19:02

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 29221
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

