

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048481.D
 Acq On : 10 May 2022 11:19
 Operator : SY/MD
 Sample : VU0510WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 05:21:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

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

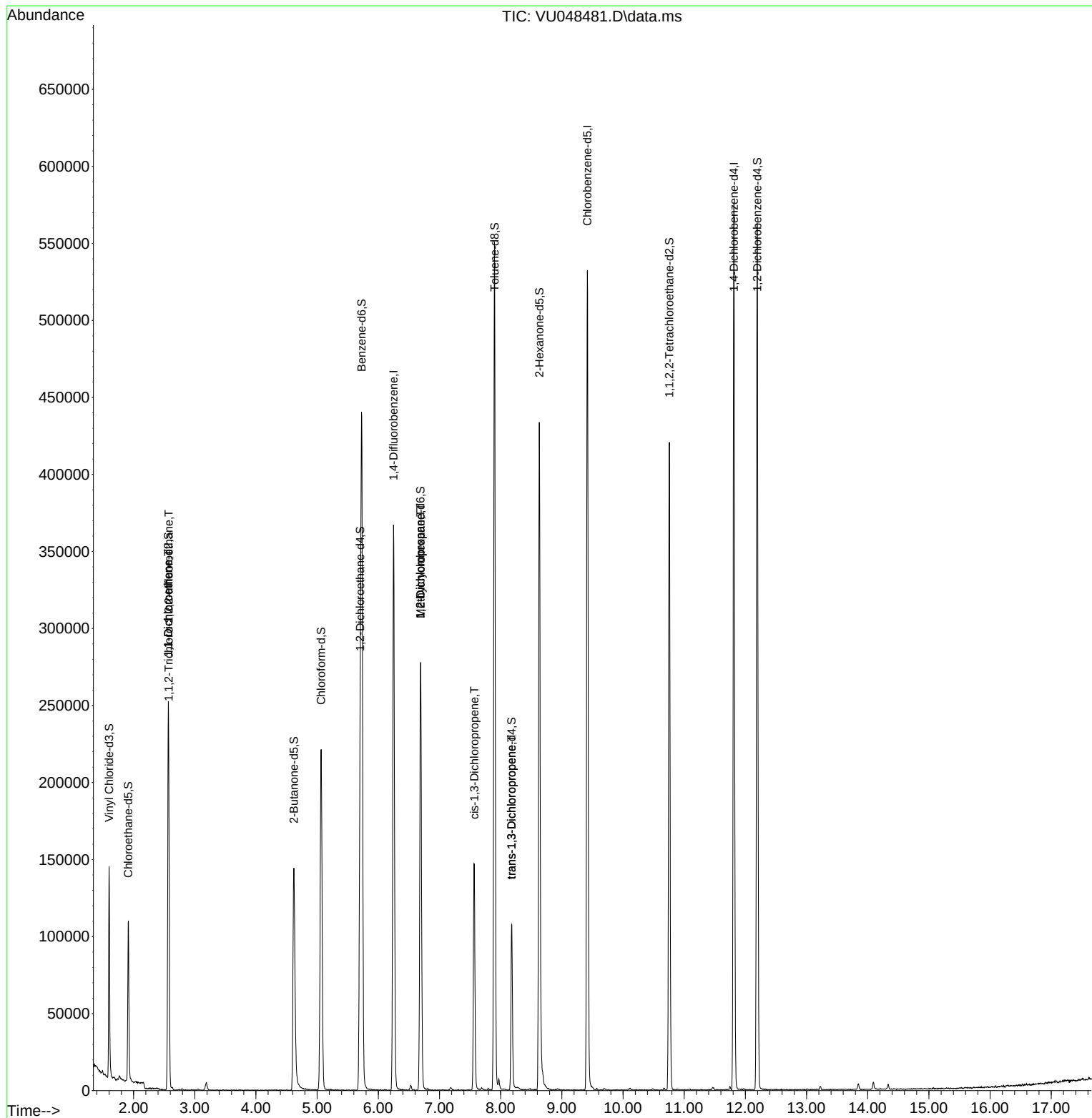
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	291638	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	299031	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154146	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	96623	38.470	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.940%		
7) Chloroethane-d5	1.912	69	73481	44.828	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.660%		
11) 1,1-Dichloroethene-d2	2.568	63	151846	33.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.940%		
21) 2-Butanone-d5	4.620	46	199177	93.117	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.120%		
24) Chloroform-d	5.067	84	210348	48.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.440%		
26) 1,2-Dichloroethane-d4	5.703	65	152925	53.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.860%		
32) Benzene-d6	5.729	84	404777	44.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.080%		
36) 1,2-Dichloropropane-d6	6.690	67	129925	43.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.700%		
41) Toluene-d8	7.899	98	358854	44.652	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.300%		
43) trans-1,3-Dichloroprop...	8.179	79	63250	46.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.760%		
47) 2-Hexanone-d5	8.632	63	151649	105.736	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.740%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	203619	45.112	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.220%		
66) 1,2-Dichlorobenzene-d4	12.195	152	147918	48.461	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.920%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1288	0.596	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	1178	0.576	ug/L #	1
35) Methylcyclohexane	6.690	83	31072	7.695	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	14728	5.125	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3664	0.896	ug/L #	66
44) trans-1,3-Dichloropropene	8.179	75	2790	0.702	ug/L	90

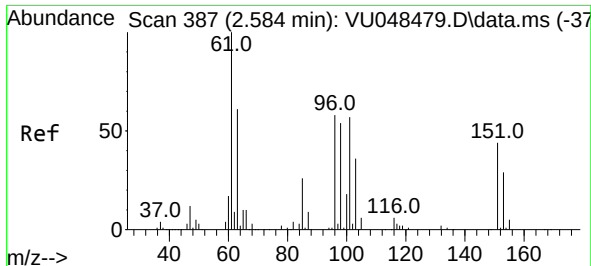
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 11 05:17:27 2022
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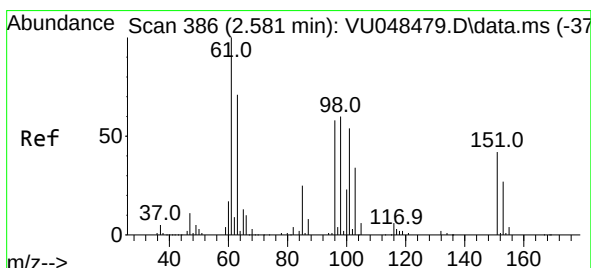
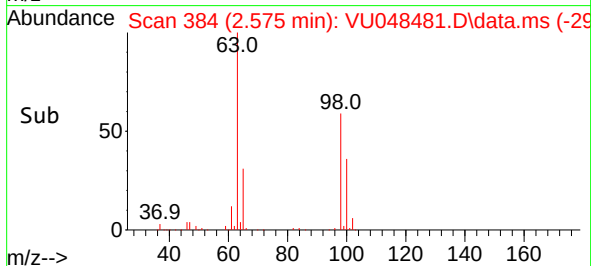
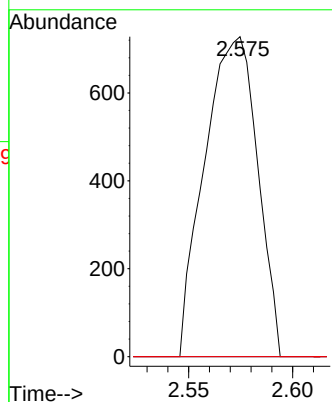
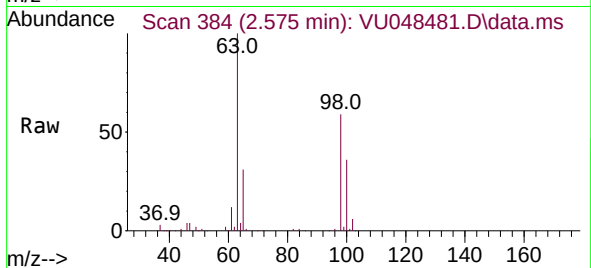




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.596 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU048481.D
Acq: 10 May 2022 11:19

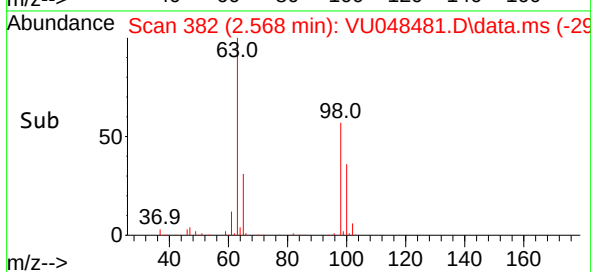
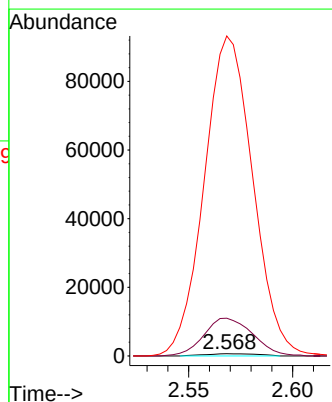
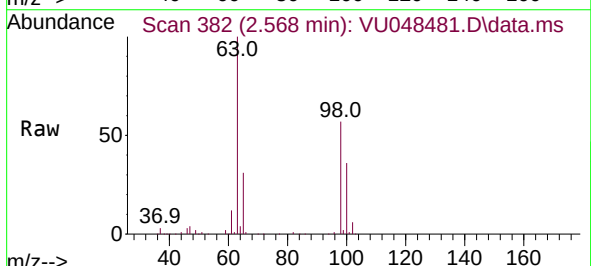
Instrument :
MSVOA_U
ClientSampleId :

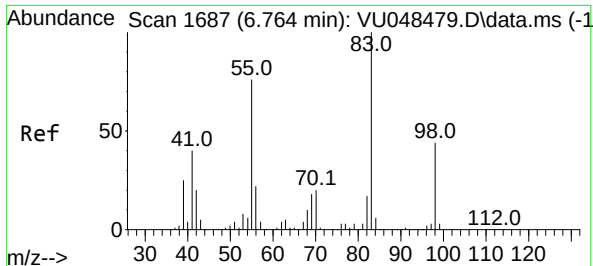
Tgt Ion:101 Resp: 1288
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 60.7 91.1#



#12
1,1-Dichloroethene
Concen: 0.576 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU048481.D
Acq: 10 May 2022 11:19

Tgt Ion: 96 Resp: 1178
Ion Ratio Lower Upper
96 100
61 1668.9 124.5 231.3#
63 14126.1 92.5 171.9#





#35

Methylcyclohexane

Concen: 7.695 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU048481.D

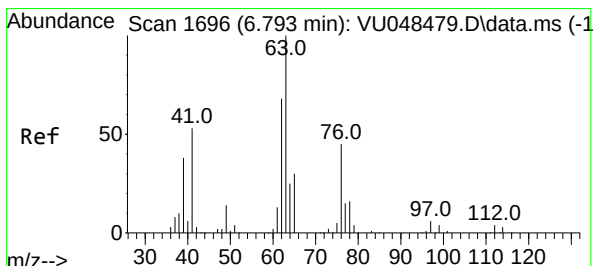
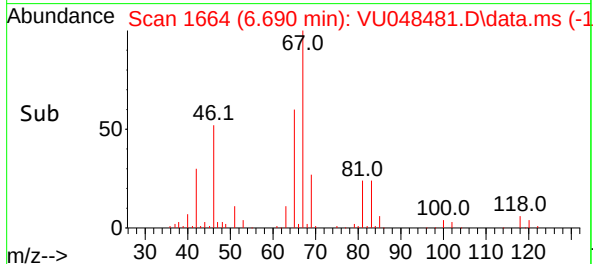
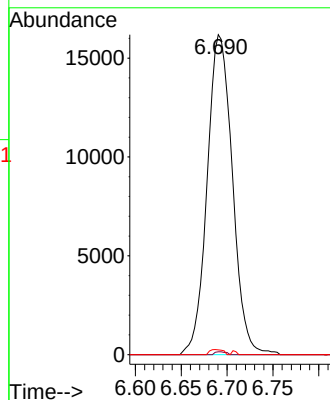
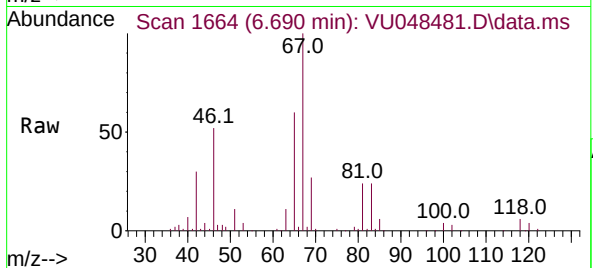
Acq: 10 May 2022 11:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 31072
Ion Ratio	Lower Upper
83 100	
55 0.4	63.4 95.2#
98 0.8	35.9 53.9#



#37

1,2-Dichloropropane

Concen: 5.125 ug/L

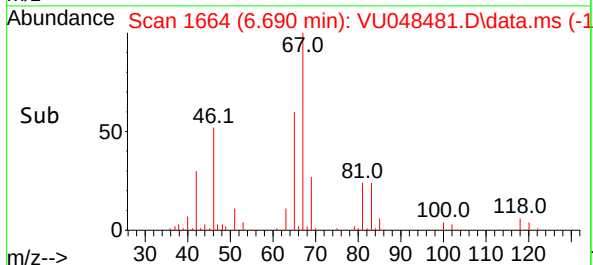
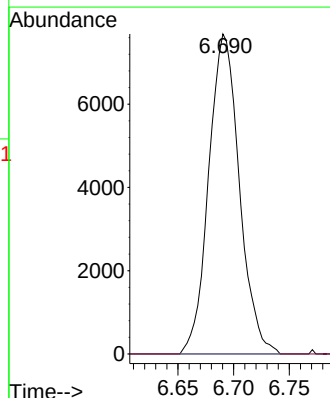
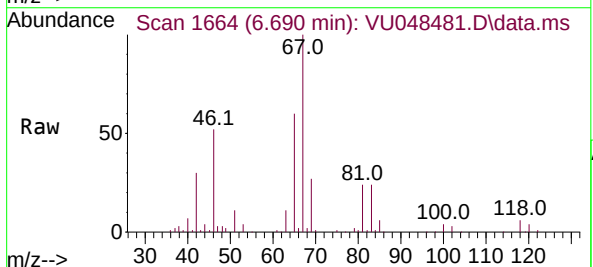
RT: 6.690 min Scan# 1664

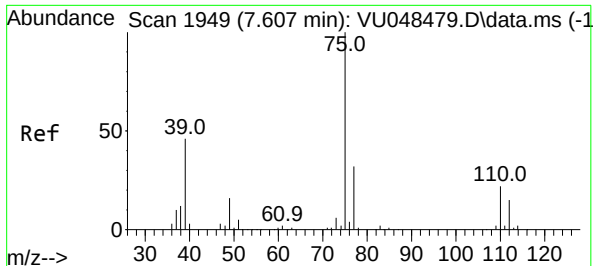
Delta R.T. -0.103 min

Lab File: VU048481.D

Acq: 10 May 2022 11:19

Tgt Ion: 63	Resp: 14728
Ion Ratio	Lower Upper
63 100	
112 0.0	3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.896 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048481.D

Acq: 10 May 2022 11:19

Instrument :

MSVOA_U

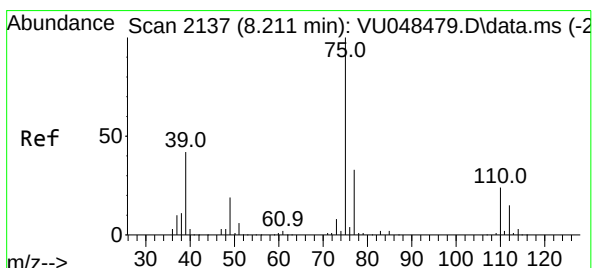
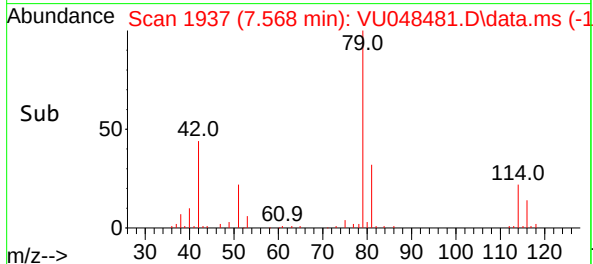
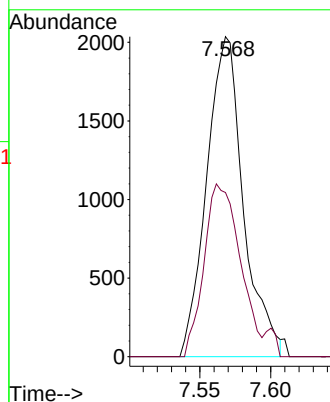
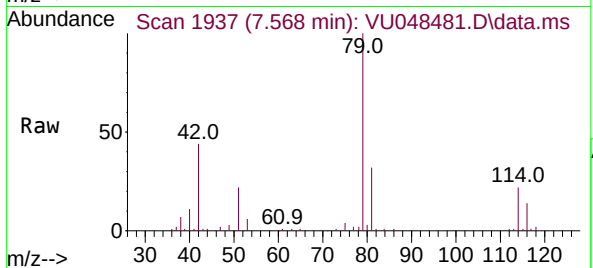
ClientSampleId :

Tgt Ion: 75 Resp: 3664

Ion Ratio Lower Upper

75 100

77 51.3 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048481.D

Acq: 10 May 2022 11:19

Tgt Ion: 75 Resp: 2790

Ion Ratio Lower Upper

75 100

77 38.2 22.6 42.0

