

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058056.D
 Acq On : 12 Mar 2024 13:45
 Operator : MD/SY
 Sample : P1715-09 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 02:01:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

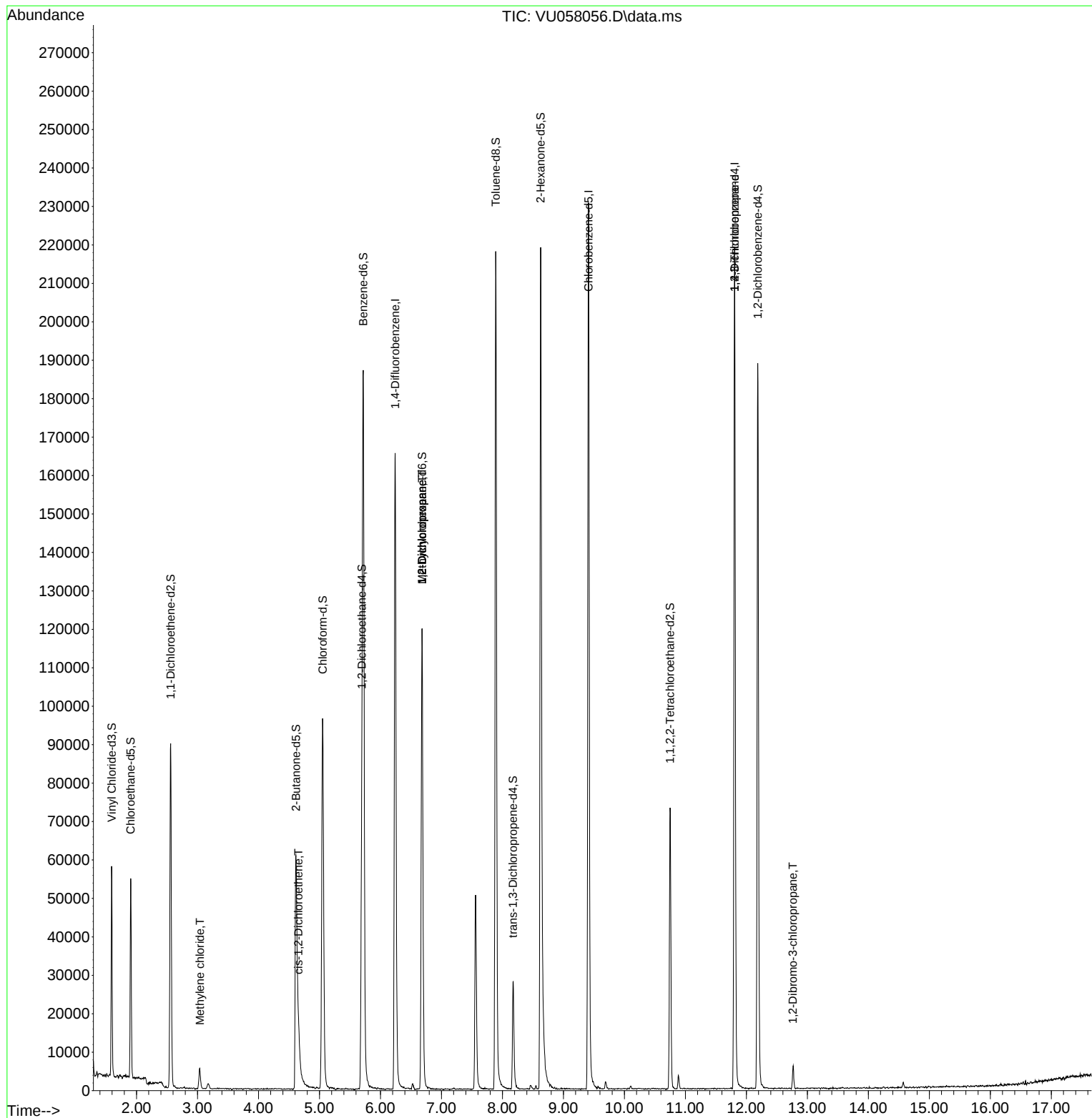
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37194	3.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.904	69	36310	4.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	17803	4.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.615	46	94732	59.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.640%
24) Chloroform-d	5.052	84	92403	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.695	65	44763	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.718	84	177277	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	57731	5.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.891	98	149900	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	16906	4.334	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.627	63	77888	59.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37509	5.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	48975	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	1820	0.184	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	2902	0.298	ug/L	95
35) Methylcyclohexane	6.682	83	13502	0.852	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6853	0.676	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	7898	1.674	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.762	75	95	0.102	ug/L #	7

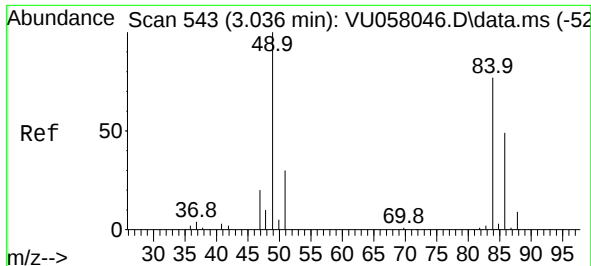
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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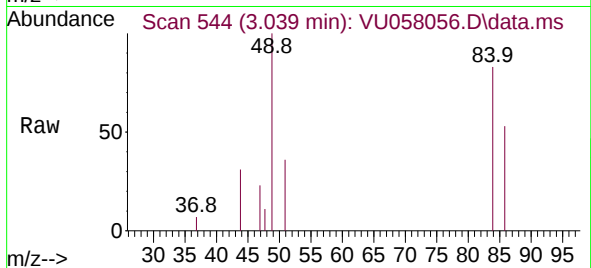
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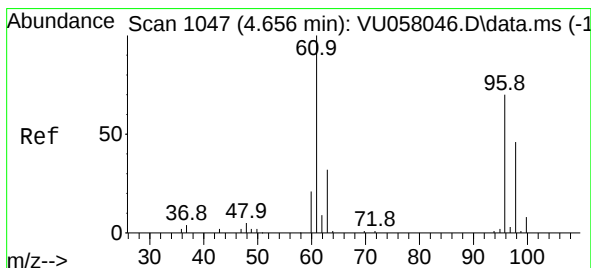
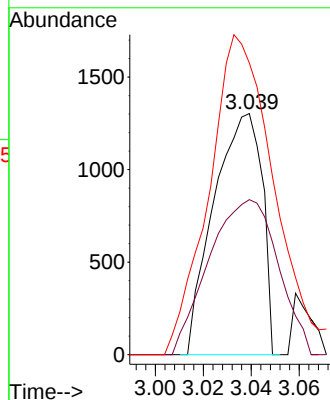
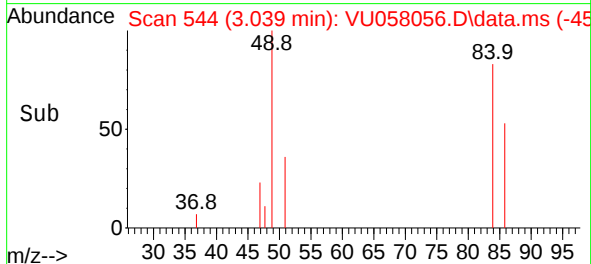


#16
Methylene chloride
Concen: 0.184 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058056.D
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Instrument :
MSVOA_U
ClientSampleId :

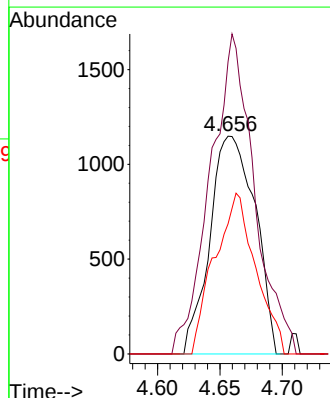
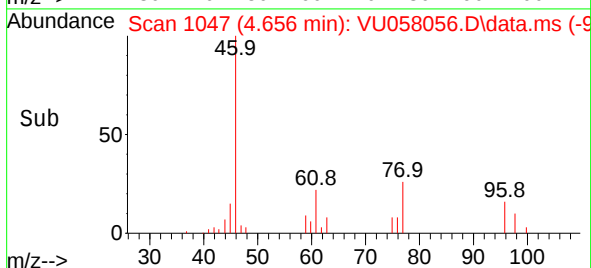
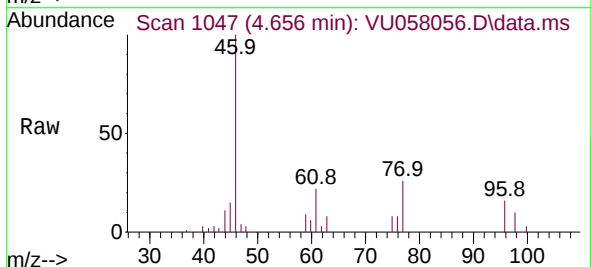


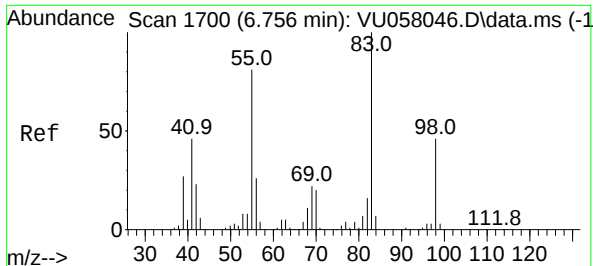
Tgt Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
86 64.3 44.4 82.4
49 121.0 88.8 165.0



#22
cis-1,2-Dichloroethene
Concen: 0.298 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058056.D
Acq: 12 Mar 2024 13:45

Tgt Ion: 96 Resp: 2902
Ion Ratio Lower Upper
96 100
61 134.1 97.2 180.4
98 59.7 45.5 84.5





#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058056.D

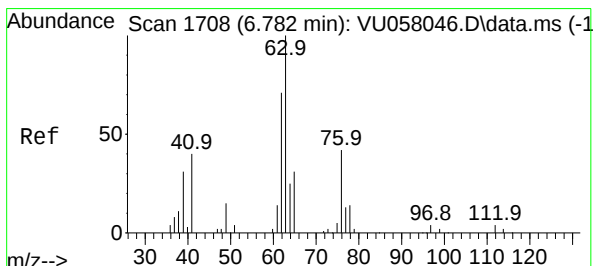
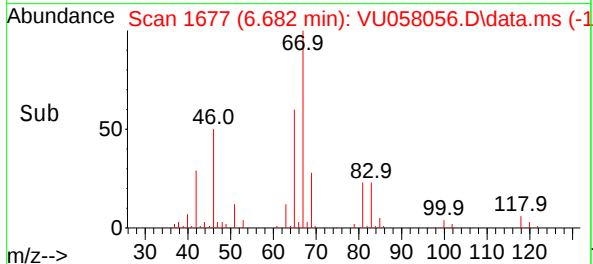
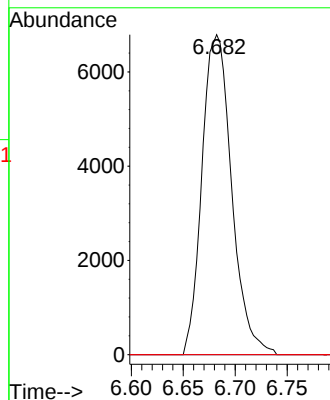
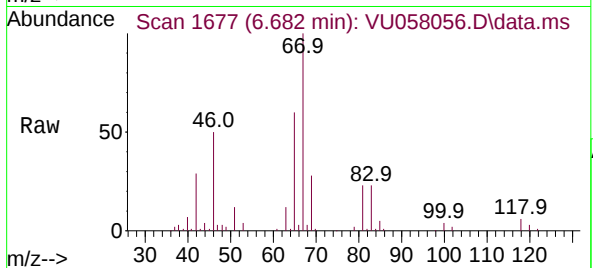
Acq: 12 Mar 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	13502
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.0	94.6#
98	0.0	36.2	54.4#



#37

1,2-Dichloropropane

Concen: 0.676 ug/L

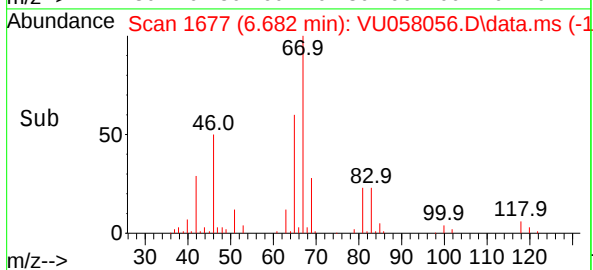
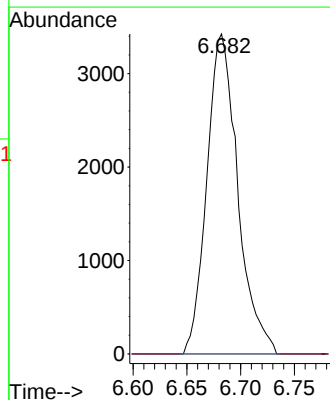
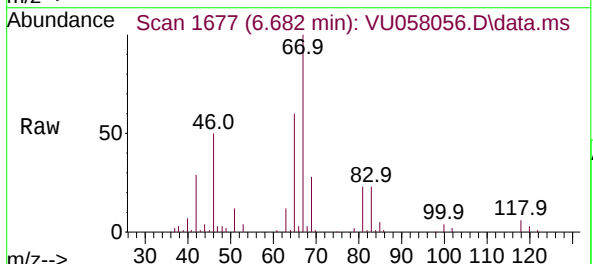
RT: 6.682 min Scan# 1677

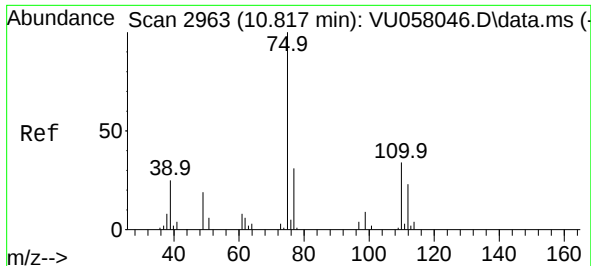
Delta R.T. -0.100 min

Lab File: VU058056.D

Acq: 12 Mar 2024 13:45

Tgt Ion:	63	Resp:	6853
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.4#





#61

1,2,3-Trichloropropane

Concen: 1.674 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU058056.D

Acq: 12 Mar 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

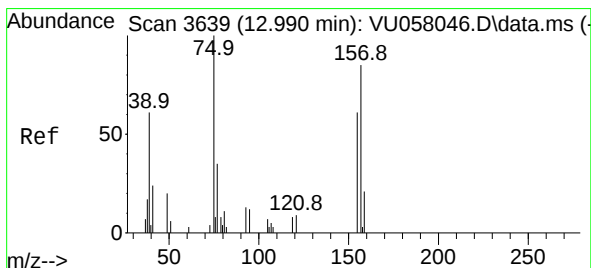
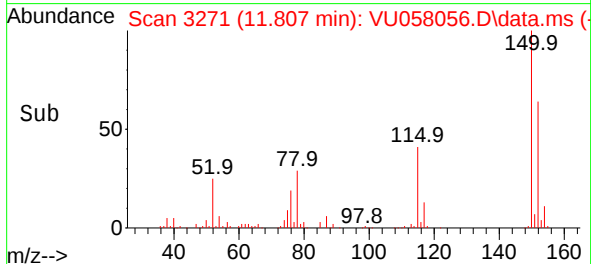
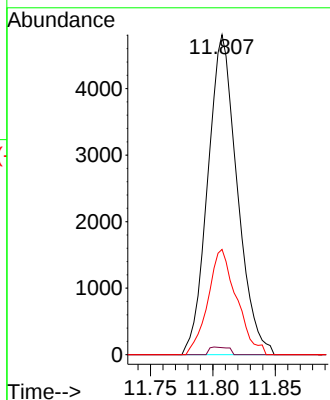
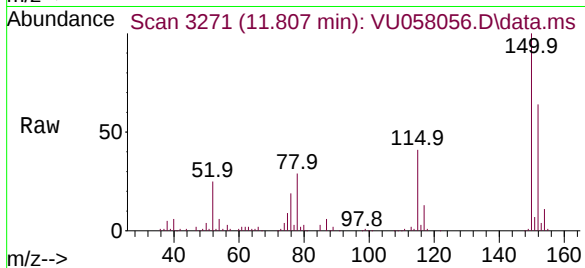
Tgt Ion: 75 Resp: 7898

Ion Ratio Lower Upper

75 100

110 1.6 28.0 42.0#

77 32.1 24.7 37.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.102 ug/L

RT: 12.762 min Scan# 3568

Delta R.T. -0.228 min

Lab File: VU058056.D

Acq: 12 Mar 2024 13:45

Tgt Ion: 75 Resp: 95

Ion Ratio Lower Upper

75 100

155 0.0 61.0 91.6#

157 0.0 74.6 112.0#

