

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021673.D
 Acq On : 28 Dec 2021 14:33
 Operator : SY/VA
 Sample : VW1228SBL01
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

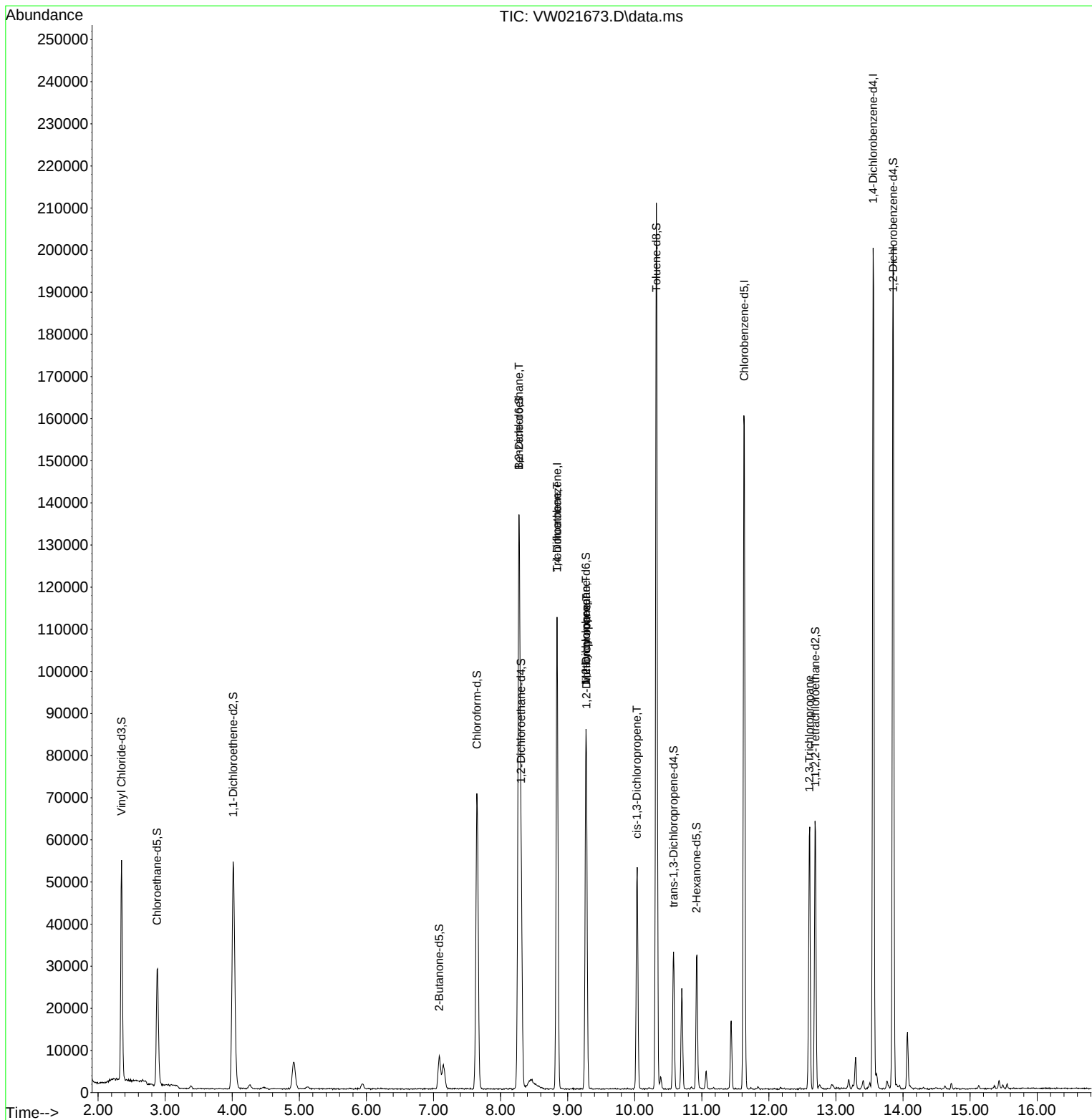
Quant Time: Dec 29 00:25:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 29 00:22:49 2021
 Response via : Initial Calibration

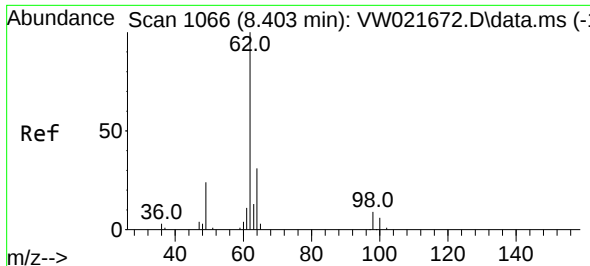
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	92316	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	93267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	54142	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52346	28.759	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	115.040%		
7) Chloroethane-d5	2.879	69	34696	28.302	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	113.200%		
11) 1,1-Dichloroethene-d2	4.013	63	52137	19.574	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.280%		
21) 2-Butanone-d5	7.086	46	13463	50.557	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.120%		
24) Chloroform-d	7.647	84	70841	24.566	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.280%		
26) 1,2-Dichloroethane-d4	8.305	65	37233	24.452	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.800%		
32) Benzene-d6	8.275	84	137572	24.842	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.360%		
36) 1,2-Dichloropropane-d6	9.274	67	36975	24.612	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.440%		
41) Toluene-d8	10.323	98	135987	24.645	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.600%		
43) trans-1,3-Dichloroprop...	10.579	79	17482	23.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.640%		
47) 2-Hexanone-d5	10.920	63	10836	47.560	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.120%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	29208	23.582	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.320%		
66) 1,2-Dichlorobenzene-d4	13.853	152	51692	24.967	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.880%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.275	62	978	0.580	ug/L #	77
34) Trichloroethene	8.842	95	2829	1.751	ug/L #	5
35) Methylcyclohexane	9.274	83	10050	3.771	ug/L #	14
37) 1,2-Dichloropropane	9.281	63	4765	3.778	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1722	0.836	ug/L	84
61) 1,2,3-Trichloropropane	12.603	75	581	0.701	ug/L #	65

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
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#27

1,2-Dichloroethane

Concen: 0.580 ug/L

RT: 8.275 min Scan# 1138

Delta R.T. -0.128 min

Lab File: VW021673.D

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MSVOA_W

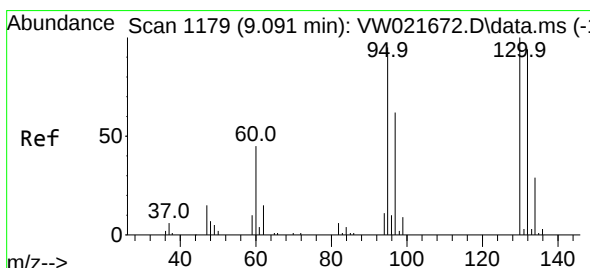
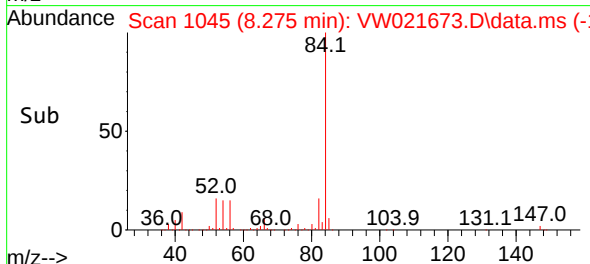
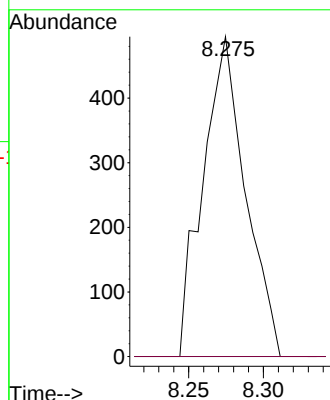
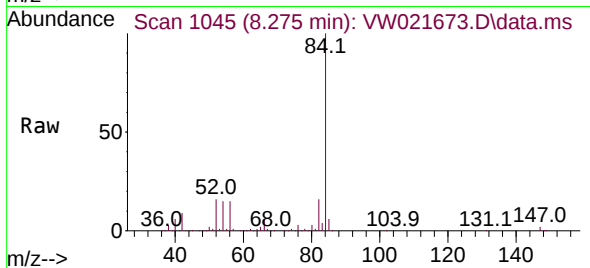
ClientSampleId :

Tgt Ion: 62 Resp: 978

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.751 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021673.D

Acq: 28 Dec 2021 14:33

Tgt Ion: 95 Resp: 2829

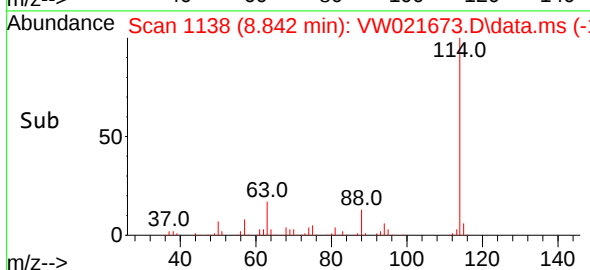
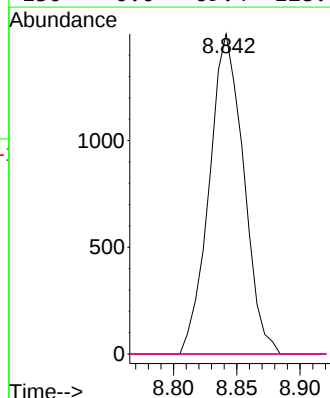
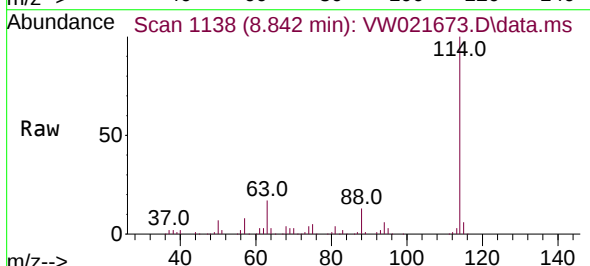
Ion Ratio Lower Upper

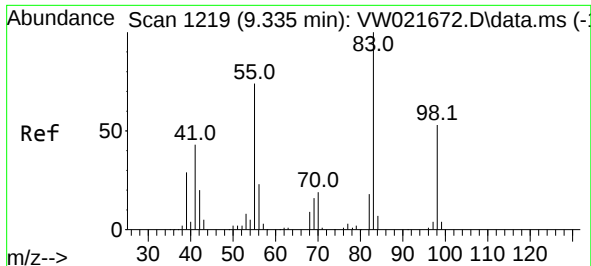
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.771 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021673.D

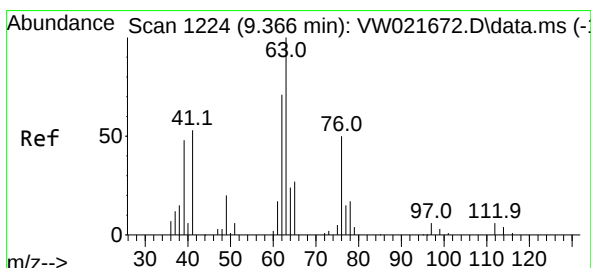
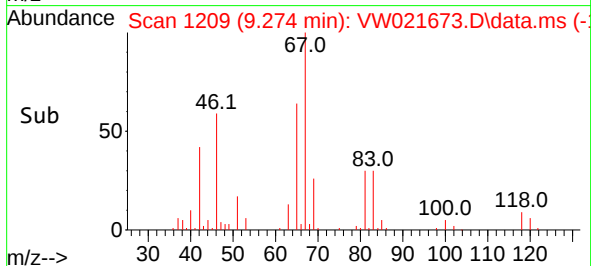
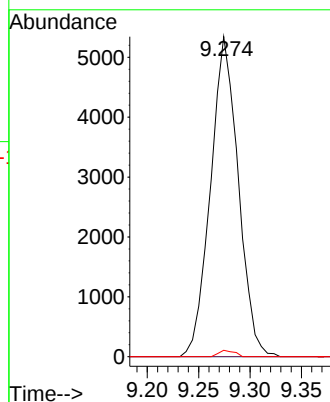
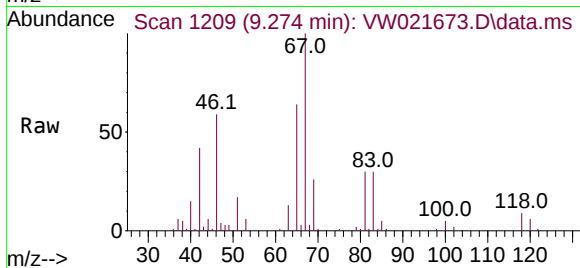
Acq: 28 Dec 2021 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 10050
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	1.1 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.778 ug/L

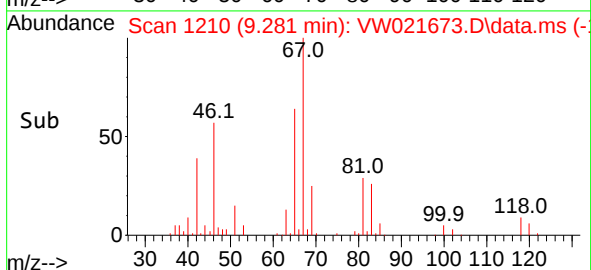
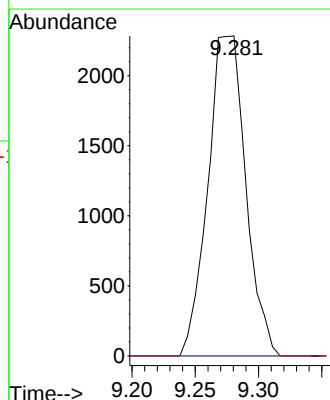
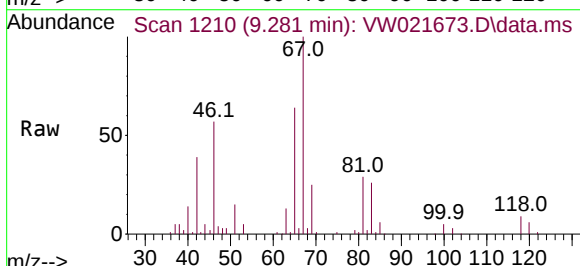
RT: 9.281 min Scan# 1210

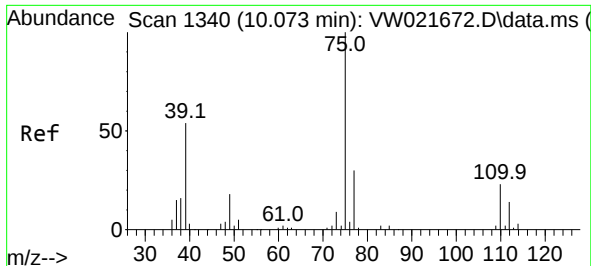
Delta R.T. -0.085 min

Lab File: VW021673.D

Acq: 28 Dec 2021 14:33

Tgt Ion: 63	Resp: 4765
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.836 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021673.D

Acq: 28 Dec 2021 14:33

Instrument :

MSVOA_W

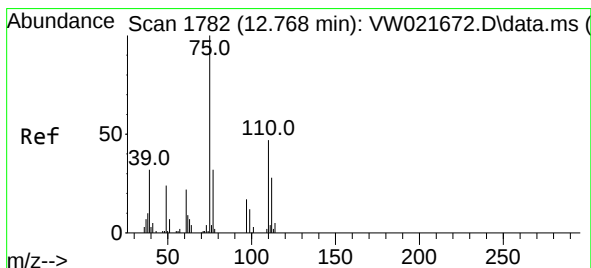
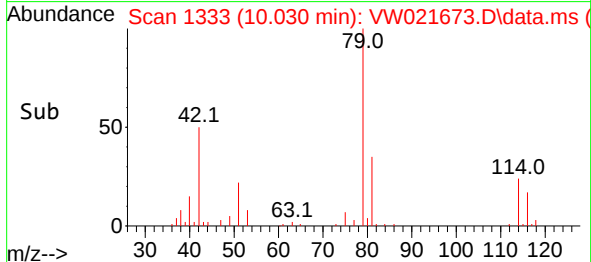
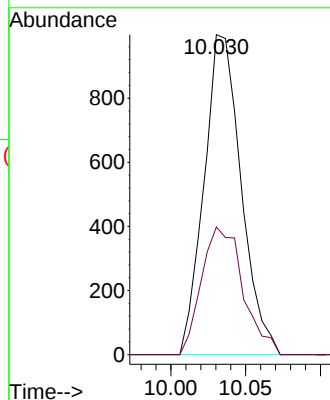
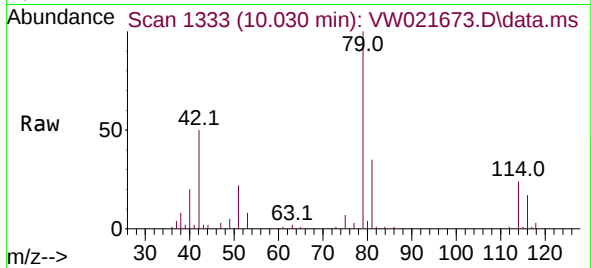
ClientSampleId :

Tgt Ion: 75 Resp: 1722

Ion Ratio Lower Upper

75 100

77 39.9 21.8 40.6



#61

1,2,3-Trichloropropane

Concen: 0.701 ug/L

RT: 12.603 min Scan# 1755

Delta R.T. -0.165 min

Lab File: VW021673.D

Acq: 28 Dec 2021 14:33

Tgt Ion: 75 Resp: 581

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

110 27.0 29.0 43.4#

