

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077180.D
 Acq On : 21 Sep 2023 14:58
 Operator : JC/SY
 Sample : 04469-03
 Misc : 5.80G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:32:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

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

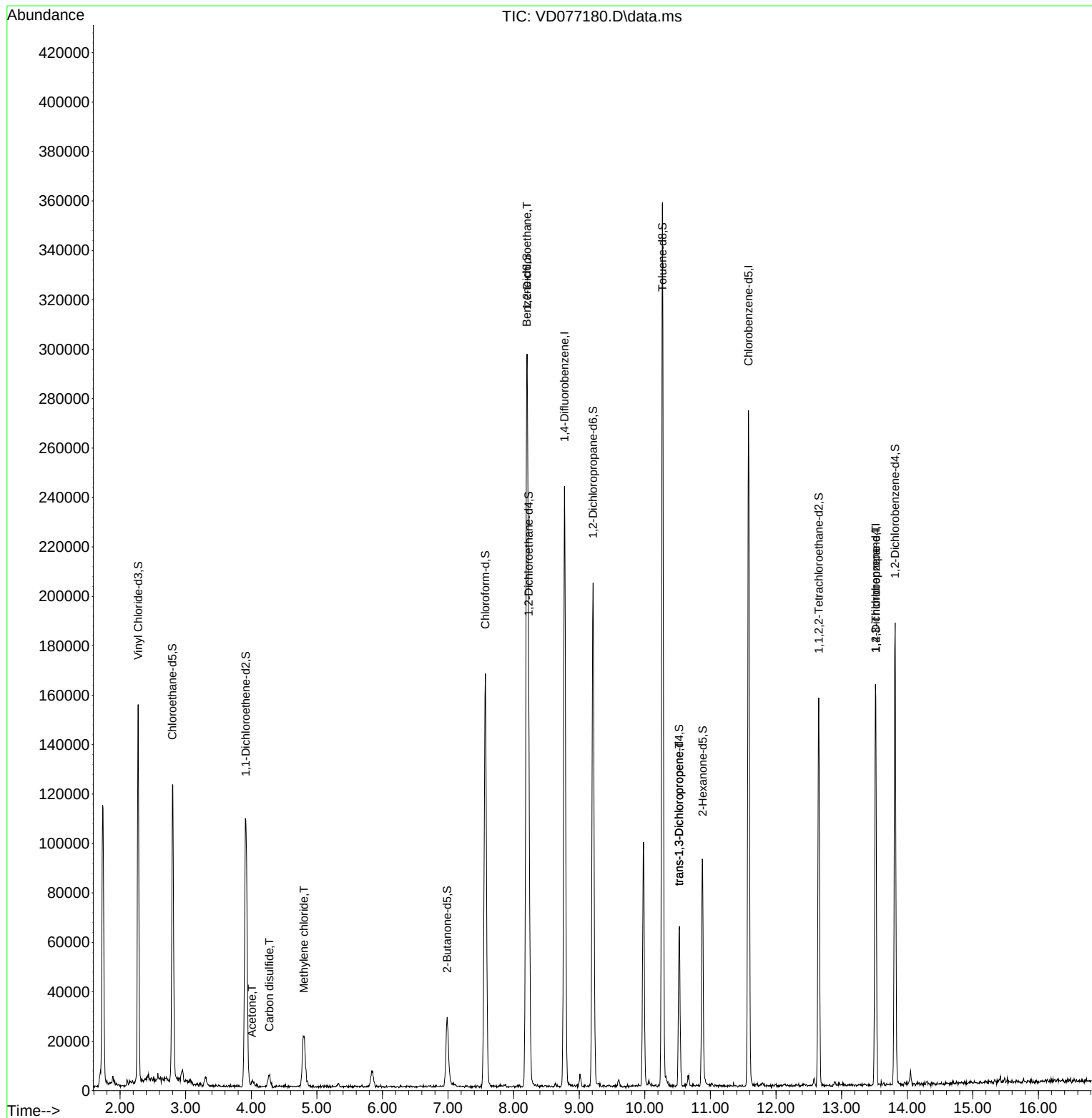
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	224833	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	165468	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	47047	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	136668	24.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.680%
7) Chloroethane-d5	2.799	69	125459	27.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.160%
11) 1,1-Dichloroethene-d2	3.916	65	31181	24.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.120%
21) 2-Butanone-d5	6.987	46	48198	69.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.120%#
24) Chloroform-d	7.569	84	170509	27.716	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.880%
26) 1,2-Dichloroethane-d4	8.228	65	91131	31.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.000%
32) Benzene-d6	8.199	84	328401	35.934	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.720%#
36) 1,2-Dichloropropane-d6	9.210	67	107350	40.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	163.840%#
41) Toluene-d8	10.269	98	250839	29.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.920%
43) trans-1,3-Dichloroprop...	10.522	79	38908	32.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	130.320%
47) 2-Hexanone-d5	10.881	63	32992	78.817	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.640%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80098	34.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.120%#
66) 1,2-Dichlorobenzene-d4	13.816	152	52066	34.479	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	137.920%#
Target Compounds						Qvalue
13) Acetone	4.011	43	2272	2.269	ug/L	78
14) Carbon disulfide	4.275	76	10178	1.041	ug/L	99
16) Methylene chloride	4.805	84	17760	3.881	ug/L	86
27) 1,2-Dichloroethane	8.204	62	1459	0.394	ug/L #	71
44) trans-1,3-Dichloropropene	10.522	75	1615	0.474	ug/L	85
61) 1,2,3-Trichloropropane	13.522	75	5774	6.430	ug/L #	62

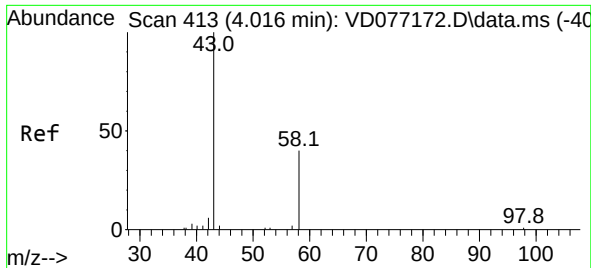
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.269 ug/L

RT: 4.011 min Scan# 413

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

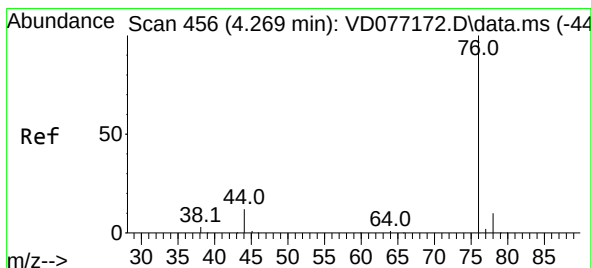
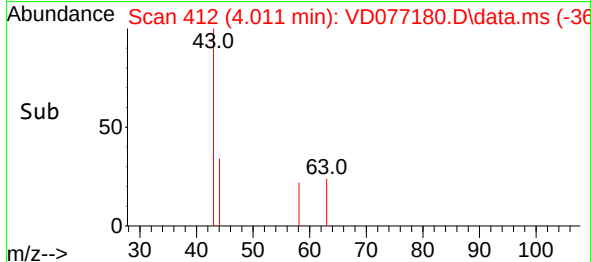
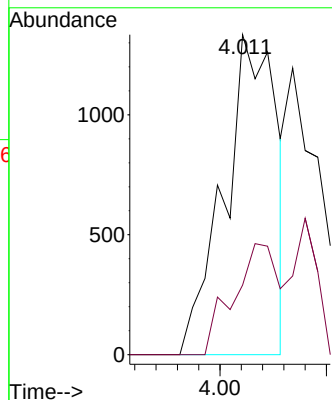
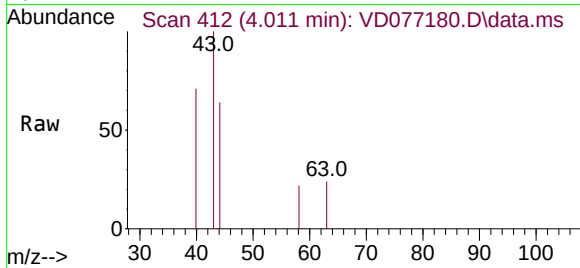
ClientSampleId :

Tgt Ion: 43 Resp: 2272

Ion Ratio Lower Upper

43 100

58 23.0 0.0 71.8



#14

Carbon disulfide

Concen: 1.041 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD077180.D

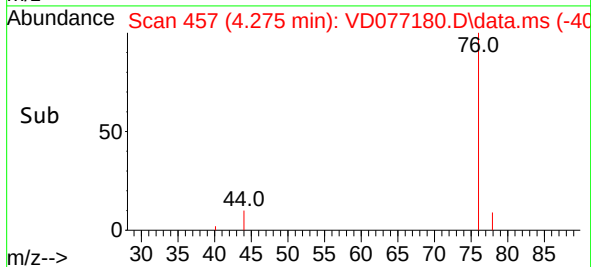
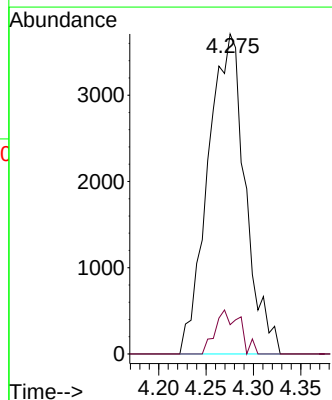
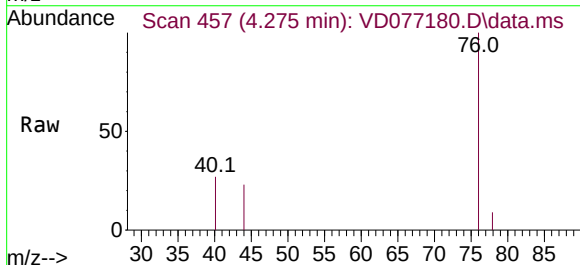
Acq: 21 Sep 2023 14:58

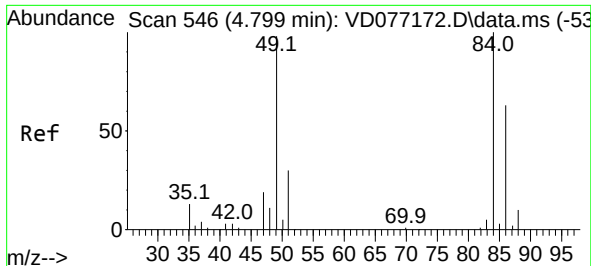
Tgt Ion: 76 Resp: 10178

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

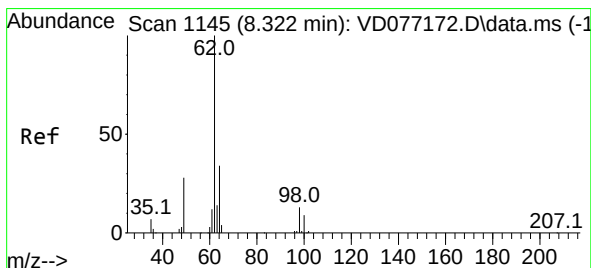
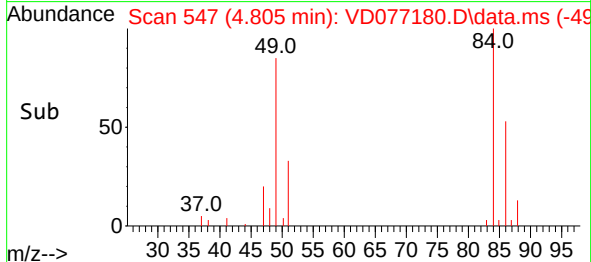
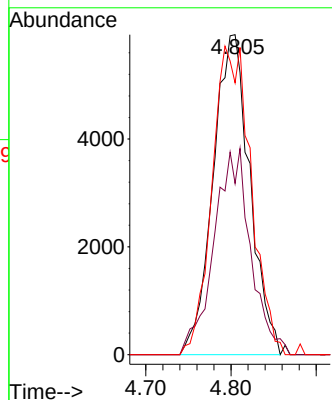
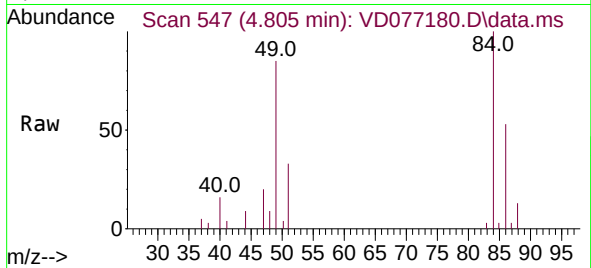




#16
Methylene chloride
Concen: 3.881 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD077180.D
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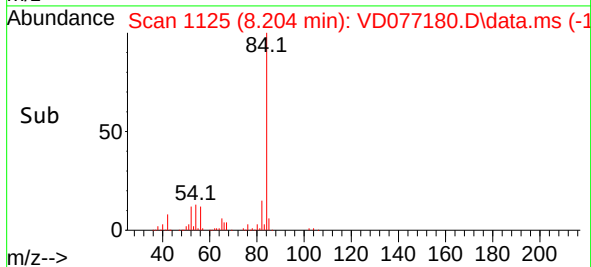
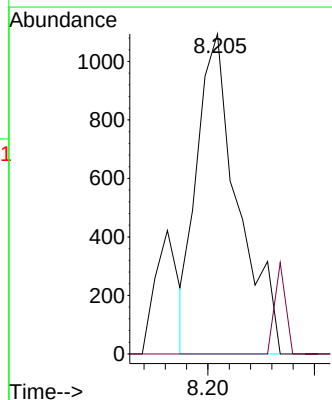
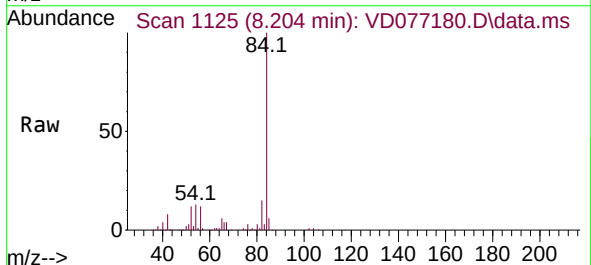
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MSVOA_D
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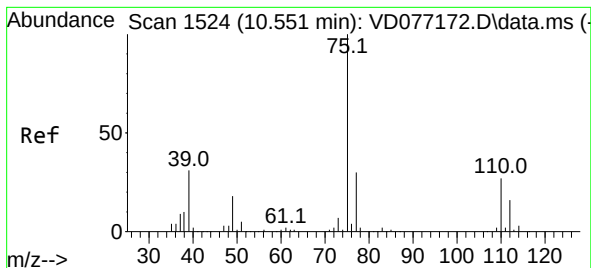
Tgt Ion: 84 Resp: 17760
Ion Ratio Lower Upper
84 100
86 53.5 45.3 84.1
49 84.9 69.2 128.6



#27
1,2-Dichloroethane
Concen: 0.394 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.118 min
Lab File: VD077180.D
Acq: 21 Sep 2023 14:58

Tgt Ion: 62 Resp: 1459
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#





#44

trans-1,3-Dichloropropene

Concen: 0.474 ug/L

RT: 10.522 min Scan# 1

Delta R.T. -0.029 min

Lab File: VD077180.D

Acq: 21 Sep 2023 14:58

Instrument :

MSVOA_D

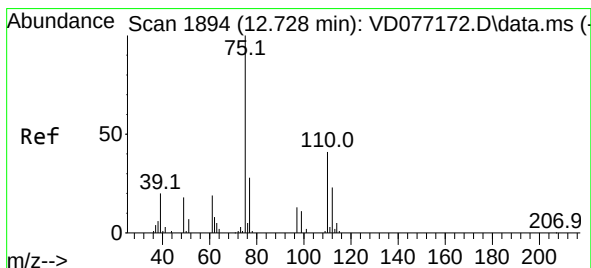
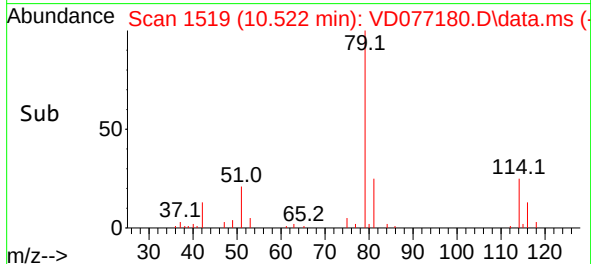
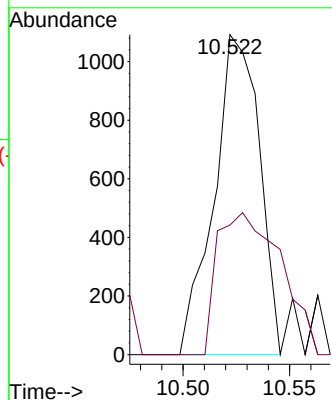
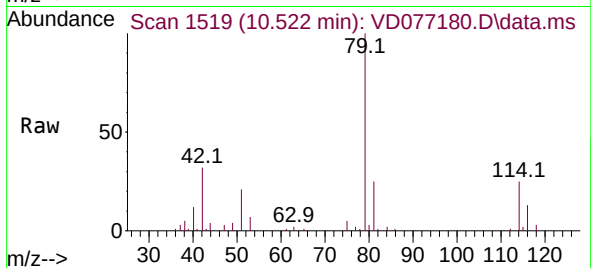
ClientSampleId :

Tgt Ion: 75 Resp: 1615

Ion Ratio Lower Upper

75 100

77 40.5 22.5 41.9



#61

1,2,3-Trichloropropane

Concen: 6.430 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.794 min

Lab File: VD077180.D

Acq: 21 Sep 2023 14:58

Tgt Ion: 75 Resp: 5774

Ion Ratio Lower Upper

75 100

77 35.0 26.6 40.0

110 0.0 33.6 50.4#

