

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077601.D
 Acq On : 17 Nov 2023 09:27
 Operator : JC/SY
 Sample : VD1117SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 18 00:25:31 2023
 Response via : Initial Calibration

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

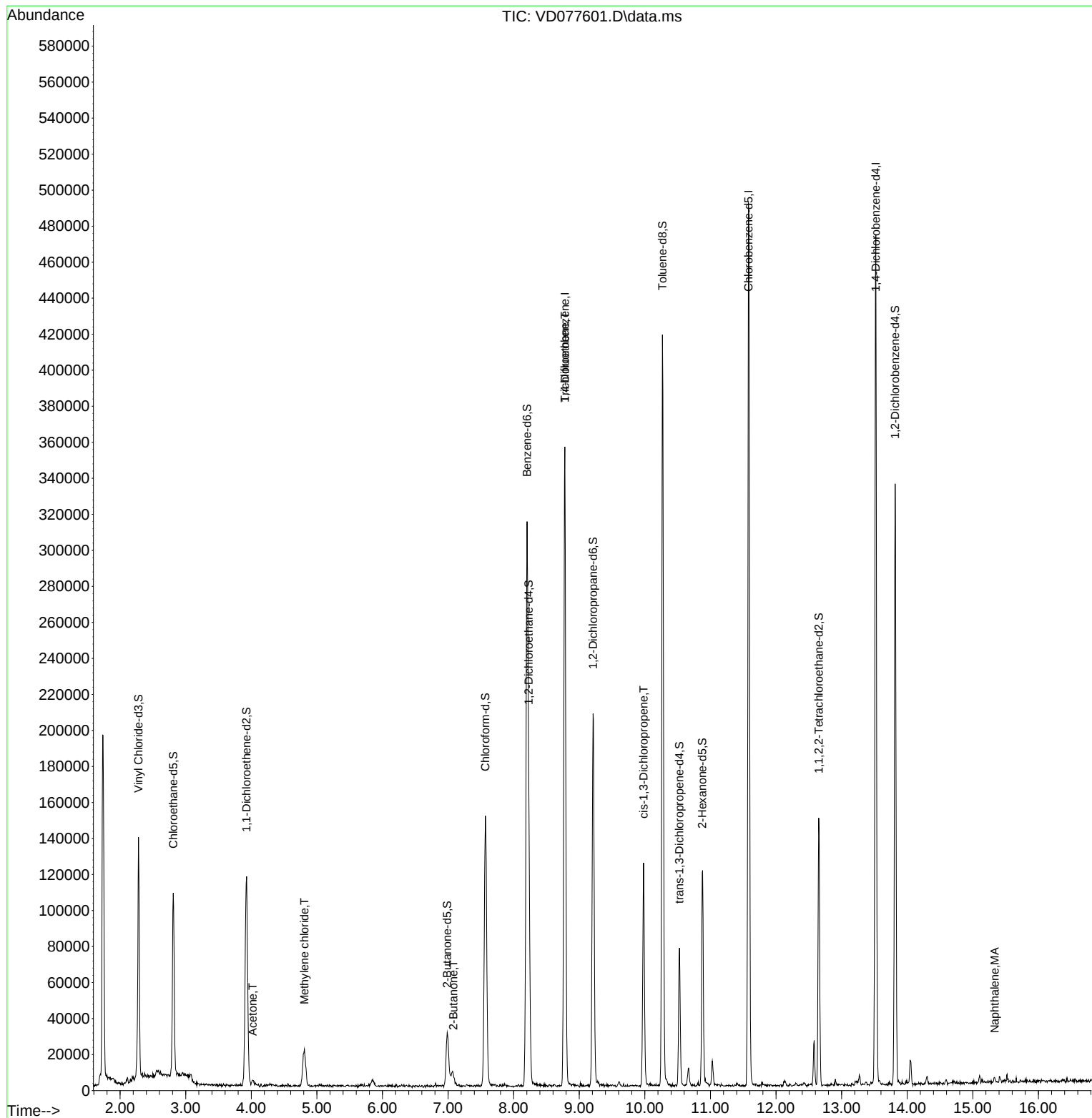
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	290649	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	266033	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	119920	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	119677	16.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.760%
7) Chloroethane-d5	2.811	69	104830	18.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	3.928	65	36331	15.891	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.560%
21) 2-Butanone-d5	6.987	46	55420	43.293	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.580%
24) Chloroform-d	7.569	84	159211	18.962	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.840%
26) 1,2-Dichloroethane-d4	8.228	65	86299	19.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.280%
32) Benzene-d6	8.204	84	308011	17.839	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.360%
36) 1,2-Dichloropropane-d6	9.210	67	106645	18.962	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.840%
41) Toluene-d8	10.269	98	274261	17.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.320%
43) trans-1,3-Dichloroprop...	10.528	79	43125	17.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.120%
47) 2-Hexanone-d5	10.875	63	41677	41.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	75396	20.233	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	84665	19.846	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.400%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3580	2.661	ug/L	51
16) Methylene chloride	4.810	84	14031	2.859	ug/L	91
22) 2-Butanone	7.081	43	3151	1.946	ug/L #	58
34) Trichloroethene	8.781	95	8736	1.911	ug/L #	10
39) cis-1,3-Dichloropropene	9.981	75	3150	0.400	ug/L #	77
71) Naphthalene	15.333	128	3086	0.359	ug/L #	76

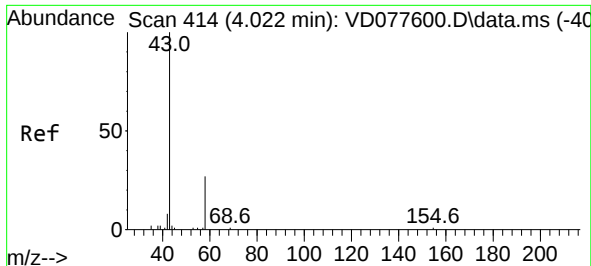
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.661 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD077601.D

Acq: 17 Nov 2023 09:27

Instrument :

MSVOA_D

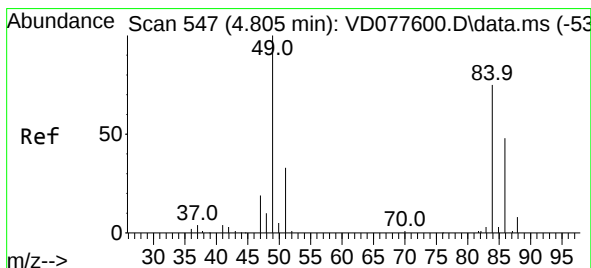
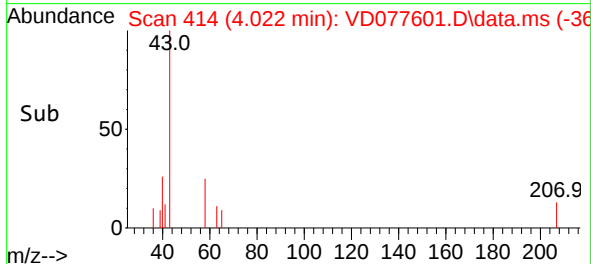
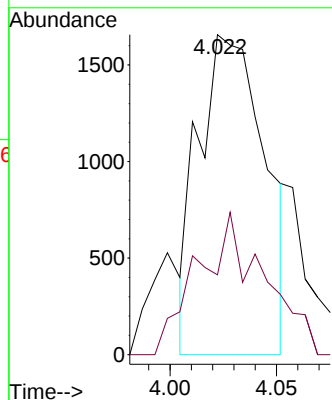
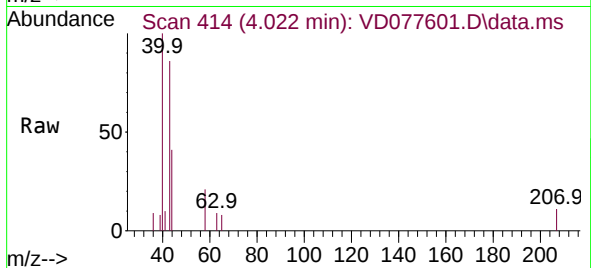
ClientSampleId :

Tgt Ion: 43 Resp: 3580

Ion Ratio Lower Upper

43 100

58 4.6 0.0 64.0



#16

Methylene chloride

Concen: 2.859 ug/L

RT: 4.810 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077601.D

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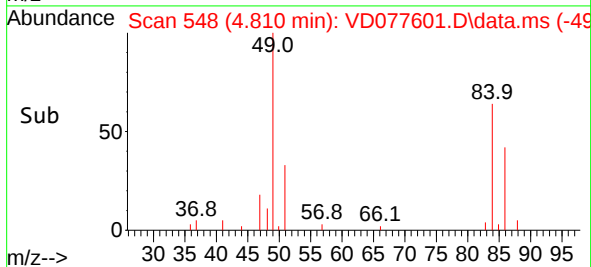
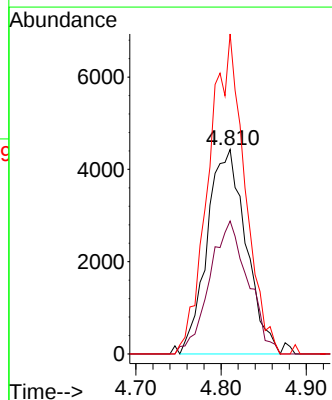
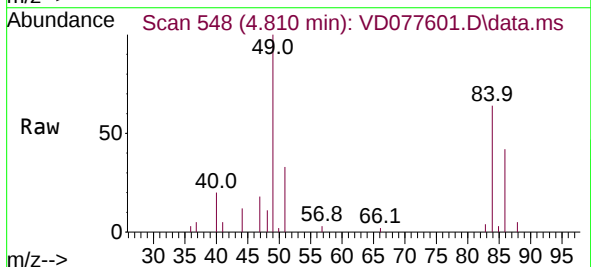
Tgt Ion: 84 Resp: 14031

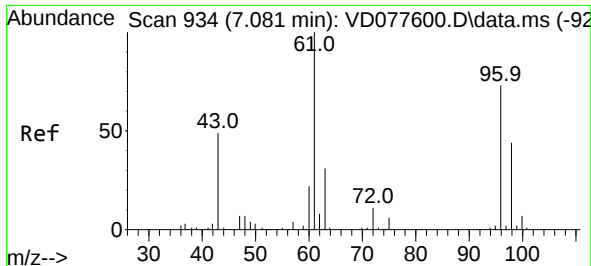
Ion Ratio Lower Upper

84 100

86 65.1 46.5 86.5

49 156.5 98.3 182.7

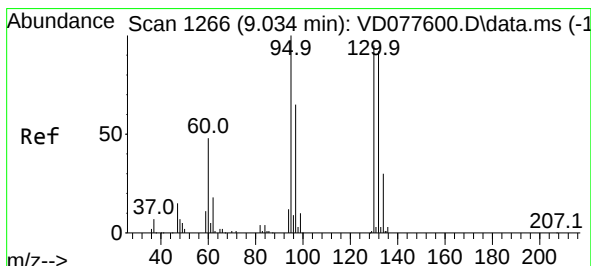
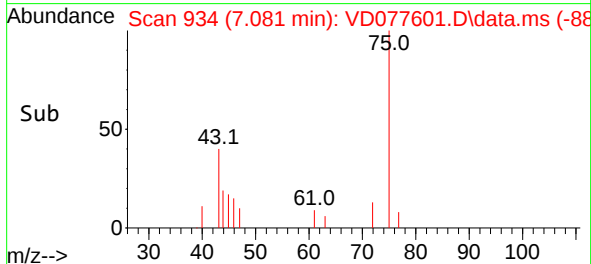
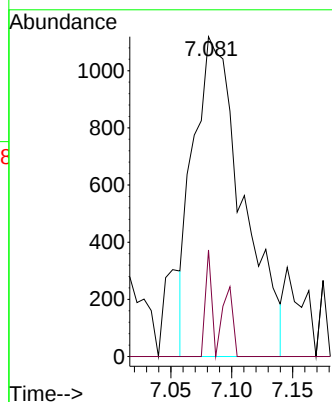
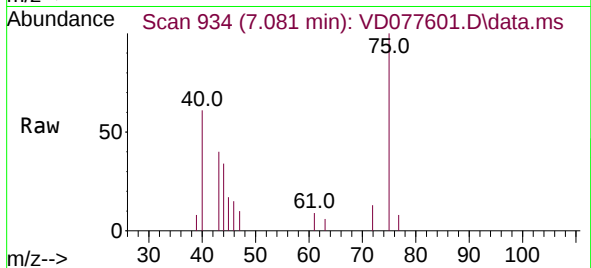




#22
2-Butanone
Concen: 1.946 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077601.D
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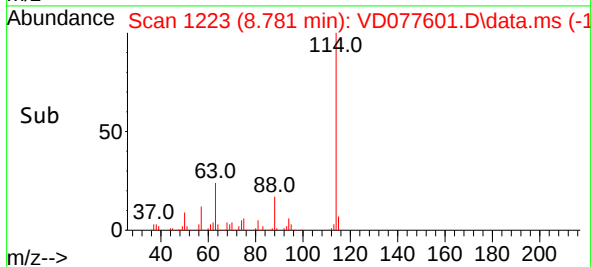
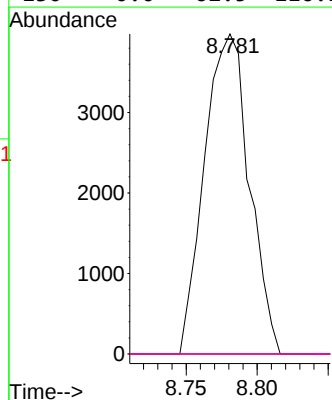
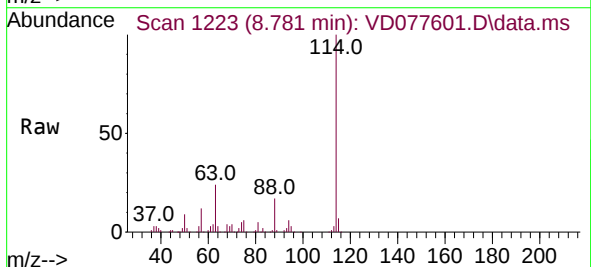
Instrument :
MSVOA_D
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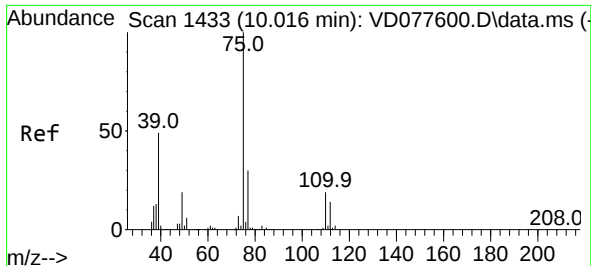
Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
72 4.2 12.8 38.4#



#34
Trichloroethene
Concen: 1.911 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077601.D
Acq: 17 Nov 2023 09:27

Tgt Ion: 95 Resp: 8736
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#





#39

cis-1,3-Dichloropropene

Concen: 0.400 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD077601.D

Acq: 17 Nov 2023 09:27

Instrument :

MSVOA_D

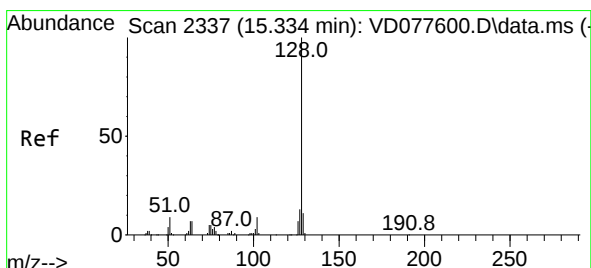
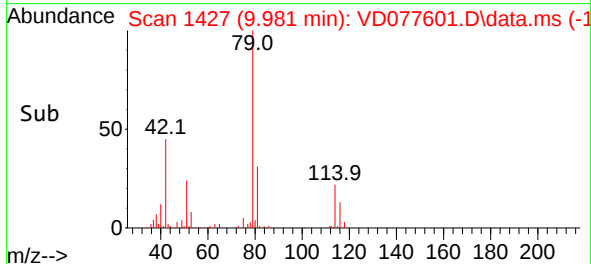
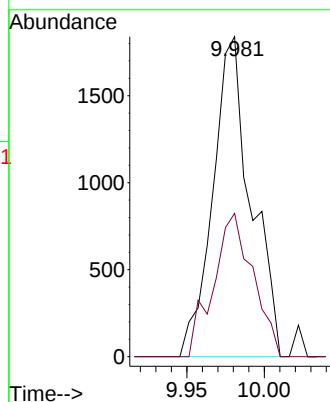
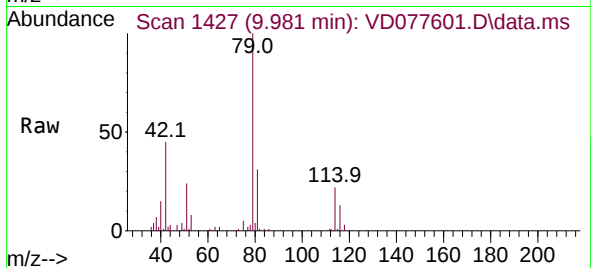
ClientSampleId :

Tgt Ion: 75 Resp: 3150

Ion Ratio Lower Upper

75 100

77 44.8 22.5 41.9#



#71

Naphthalene

Concen: 0.359 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD077601.D

Acq: 17 Nov 2023 09:27

Tgt Ion: 128 Resp: 3086

Ion Ratio Lower Upper

128 100

127 5.2 10.5 15.7#

129 0.0 9.0 13.6#

