

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
 Data File : VW018802.D
 Acq On : 27 Apr 2021 14:46
 Operator : SY/VA
 Sample : M2177-03RE
 Misc : 5.33G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 28 00:42:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 28 00:41:12 2021
 Response via : Initial Calibration

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

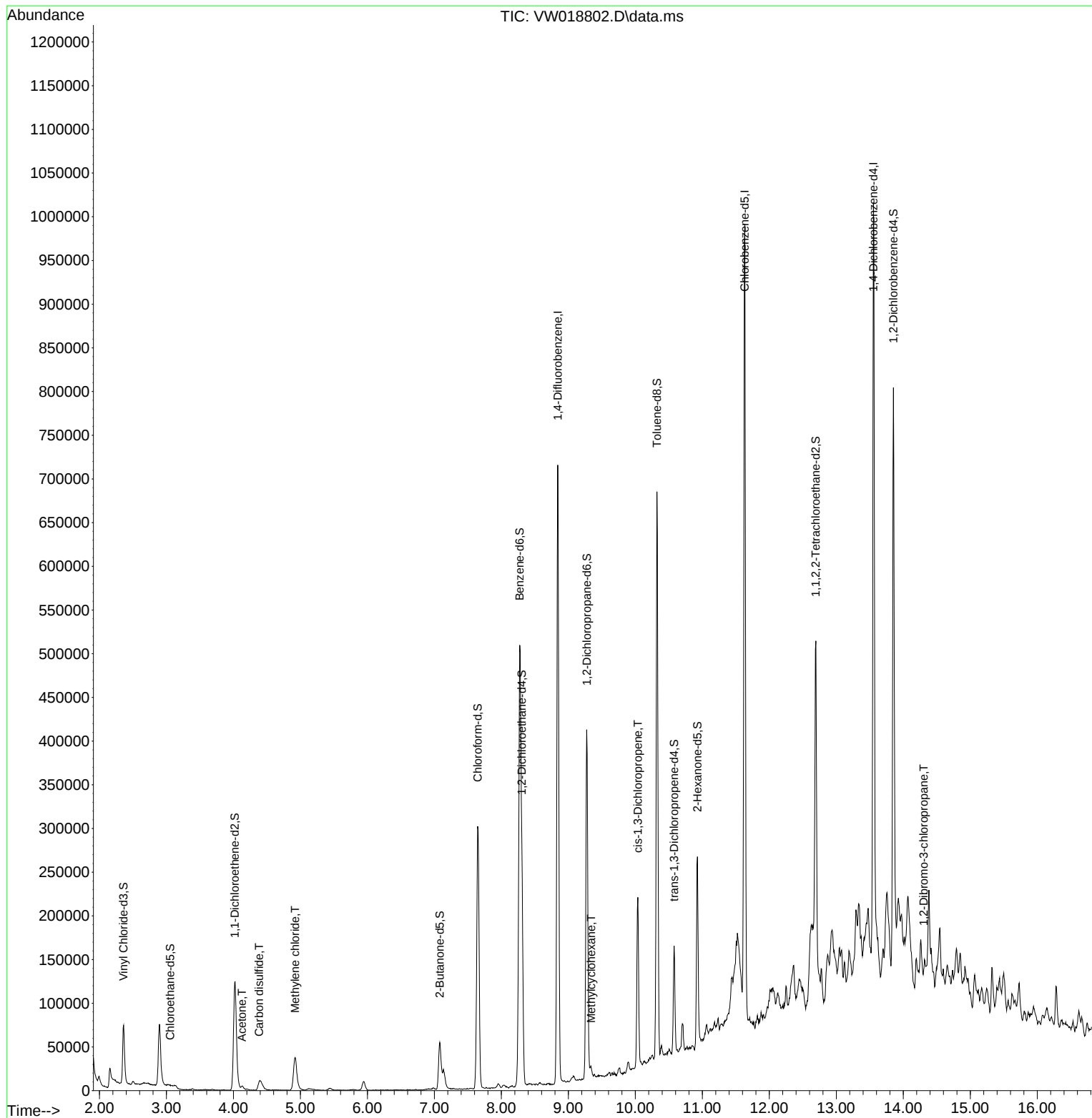
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	573523	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	494268	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213848	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	81828	9.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	37.56%
7) Chloroethane-d5	3.056	69	266	0.03	ug/L	0.16
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	4.019	63	136474	9.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	36.08%#
21) 2-Butanone-d5	7.080	46	90142	45.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.88%
24) Chloroform-d	7.647	84	307831	19.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.24%
26) 1,2-Dichloroethane-d4	8.305	65	173802	19.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.56%
32) Benzene-d6	8.275	84	509243	17.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.24%
36) 1,2-Dichloropropane-d6	9.274	67	185548	21.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.92%
41) Toluene-d8	10.323	98	425413	16.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.16%
43) trans-1,3-Dichloroprop...	10.579	79	67200	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.24%
47) 2-Hexanone-d5	10.927	63	78652	51.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.52%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	164790	22.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.32%
66) 1,2-Dichlorobenzene-d4	13.853	152	165781	22.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.28%
Target Compounds						Qvalue
13) Acetone	4.129	43	6471	4.49	ug/L	90
14) Carbon disulfide	4.385	76	19744	0.88	ug/L	99
16) Methylene chloride	4.921	84	33048	3.52	ug/L	90
35) Methylcyclohexane	9.341	83	3457	0.25	ug/L #	78
39) cis-1,3-Dichloropropene	10.036	75	5300	0.45	ug/L #	52
68) 1,2-Dibromo-3-chloropr...	14.304	75	1776	1.75	ug/L #	33

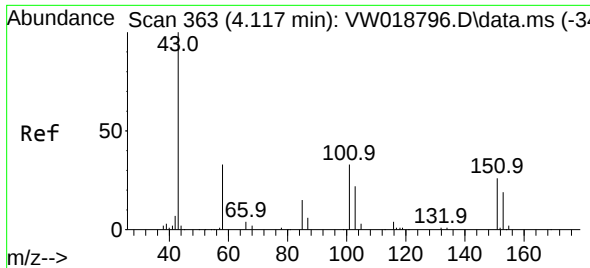
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Title : SFAM01.0
QLast Update : Wed Apr 28 00:41:12 2021
Response via : Initial Calibration

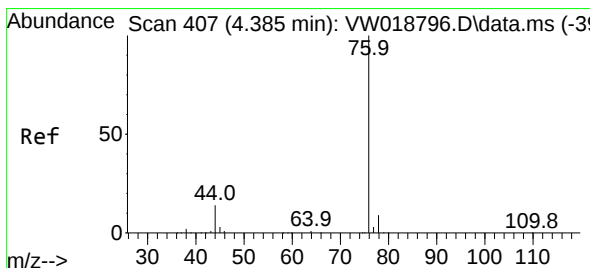
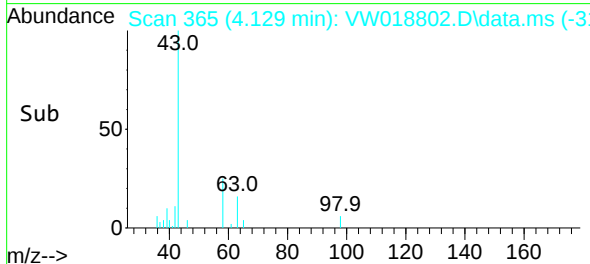
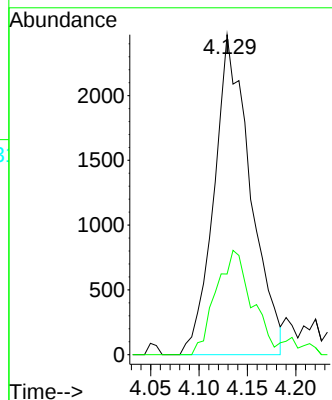
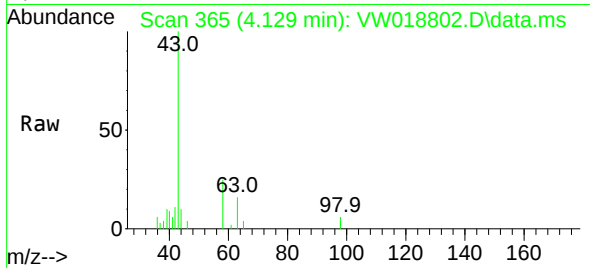




#13
Acetone
Concen: 4.49 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018802.D
Acq: 27 Apr 2021 14:46

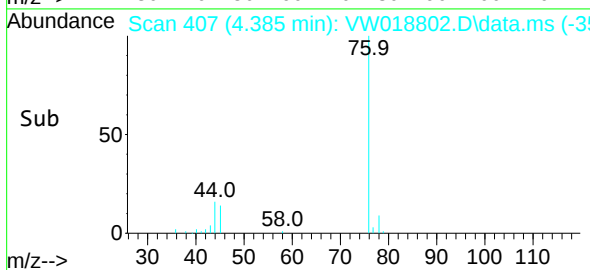
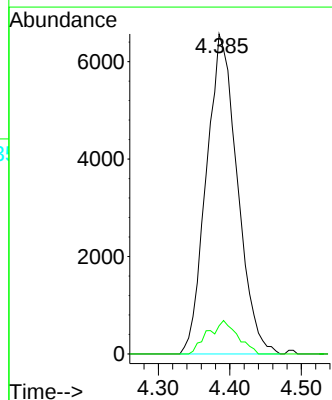
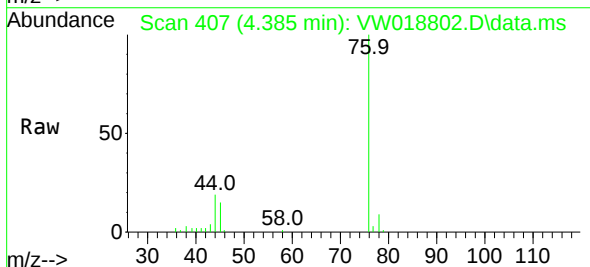
Instrument :
MSVOA_W
ClientSampled :

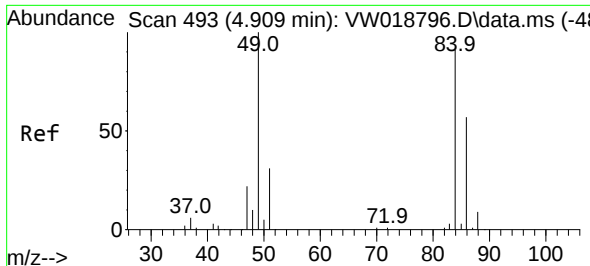
Tgt Ion: 43 Resp: 6471
Ion Ratio Lower Upper
43 100
58 32.1 0.0 53.8



#14
Carbon disulfide
Concen: 0.88 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018802.D
Acq: 27 Apr 2021 14:46

Tgt Ion: 76 Resp: 19744
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

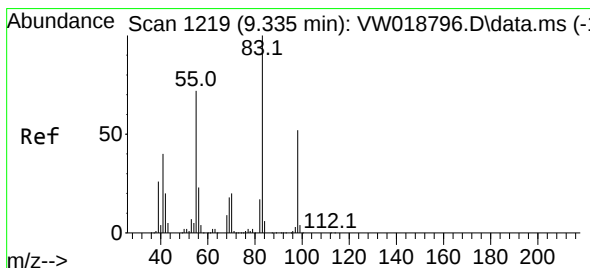
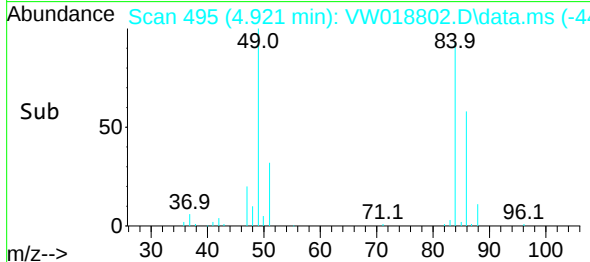
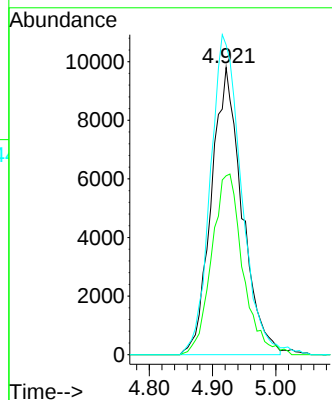
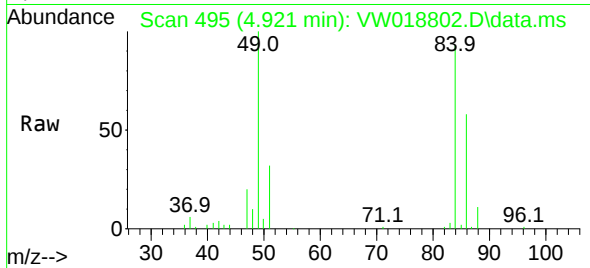




#16
Methylene chloride
Concen: 3.52 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018802.D
Acq: 27 Apr 2021 14:46

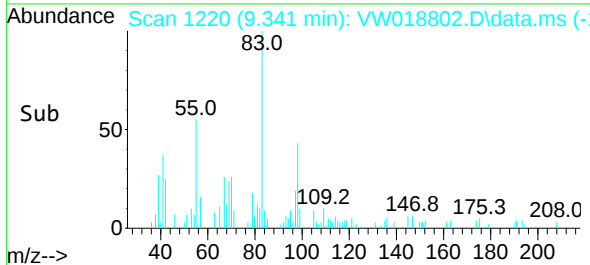
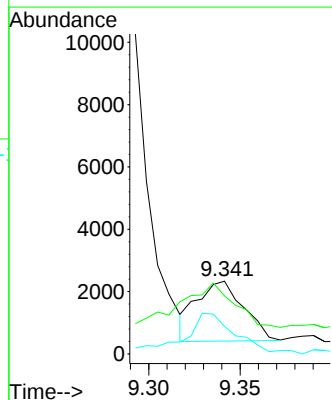
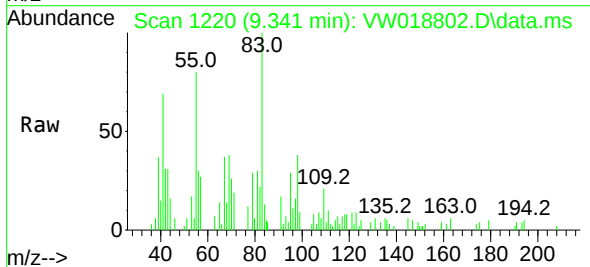
Instrument :
MSVOA_W
ClientSampled :

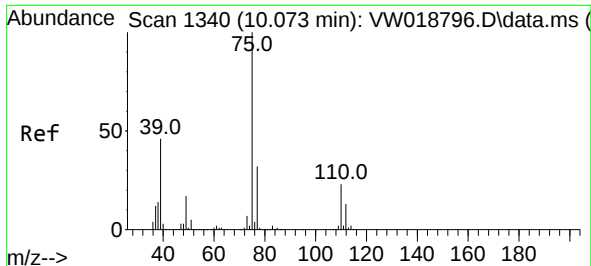
Tgt Ion: 84 Resp: 33048
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 107.9 86.6 160.8



#35
Methylcyclohexane
Concen: 0.25 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018802.D
Acq: 27 Apr 2021 14:46

Tgt Ion: 83 Resp: 3457
Ion Ratio Lower Upper
83 100
55 93.0 58.9 88.3#
98 65.0 40.1 60.1#

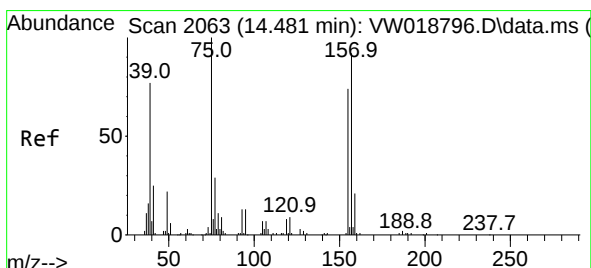
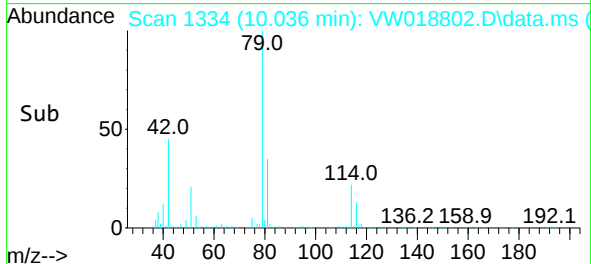
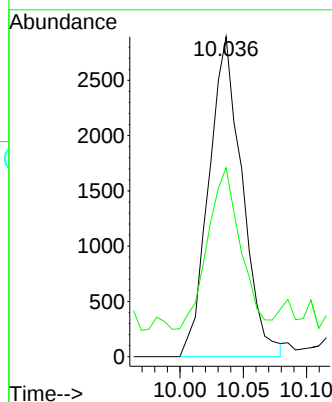
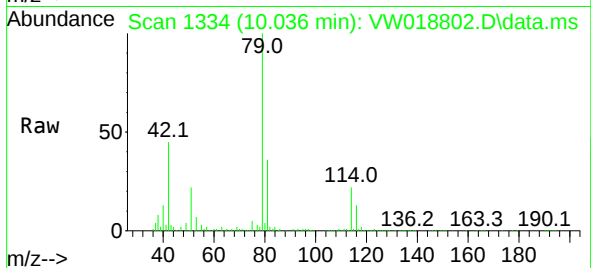




#39
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018802.D
Acq: 27 Apr 2021 14:46

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 5300
Ion Ratio Lower Upper
75 100
77 59.1 22.6 42.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 1.75 ug/L
RT: 14.304 min Scan# 2034
Delta R.T. -0.177 min
Lab File: VW018802.D
Acq: 27 Apr 2021 14:46

Tgt Ion: 75 Resp: 1776
Ion Ratio Lower Upper
75 100
155 138.4 59.4 89.0#
157 147.3 72.2 108.2#

