

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060022.D
 Acq On : 18 Jul 2024 17:11
 Operator : MD/SY
 Sample : P3217-07DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZG4DL

Quant Time: Jul 19 01:35:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

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

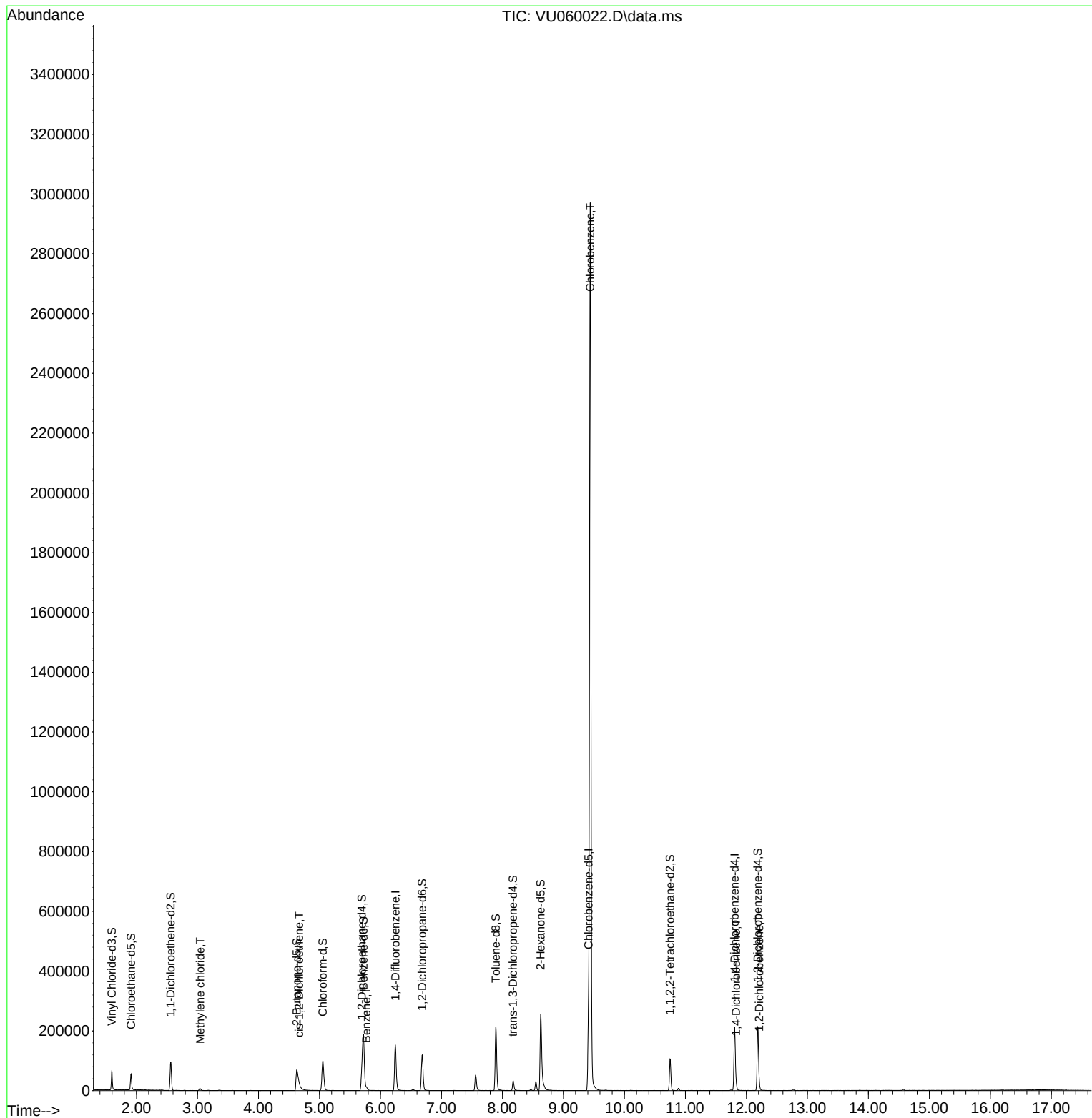
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	133885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45127	4.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.911	69	41893	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.560	65	17572	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.628	46	120245	55.213	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.420%
24) Chloroform-d	5.055	84	97738	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	49291	5.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	188161	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.685	67	62073	5.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.891	98	153058	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.174	79	20767	5.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.627	63	93713	51.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55455	5.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60518	5.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	3657	0.292	ug/L	91
22) cis-1,2-Dichloroethene	4.666	96	2219	0.186	ug/L	95
33) Benzene	5.772	78	9308	0.198	ug/L	100
51) Chlorobenzene	9.441	112	1683579	51.503	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	6300	0.284	ug/L	92
67) 1,2-Dichlorobenzene	12.209	146	5114	0.245	ug/L #	88

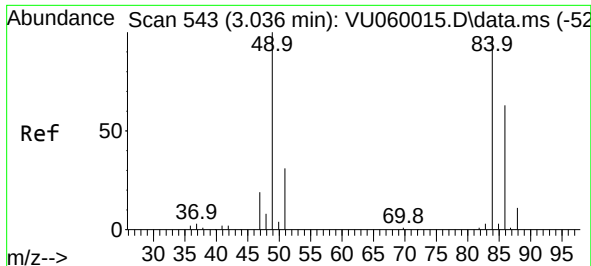
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 19 01:30:22 2024
Response via : Initial Calibration

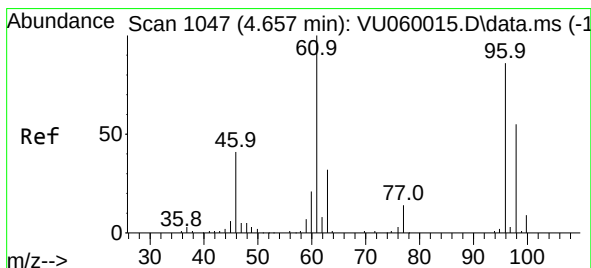
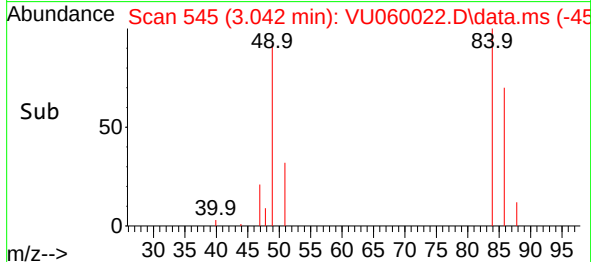
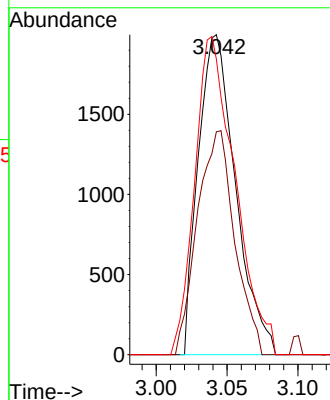
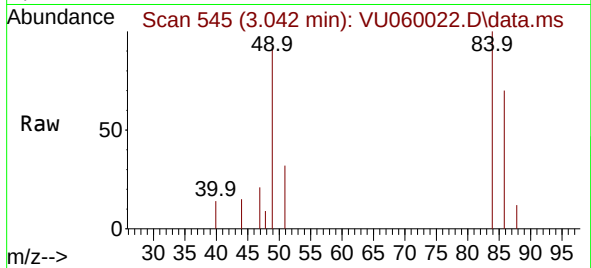




#16
Methylene chloride
Concen: 0.292 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU060022.D
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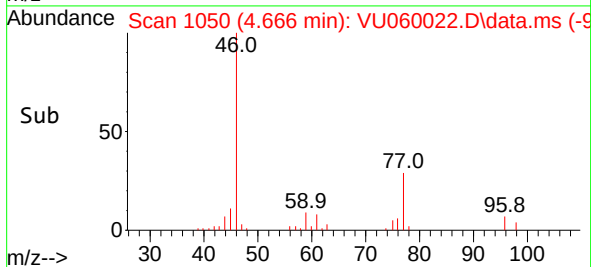
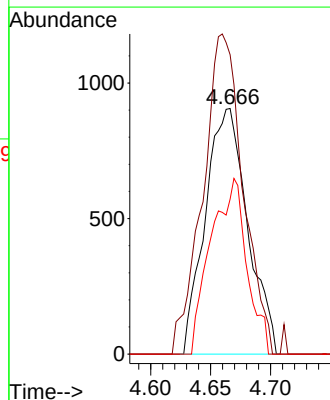
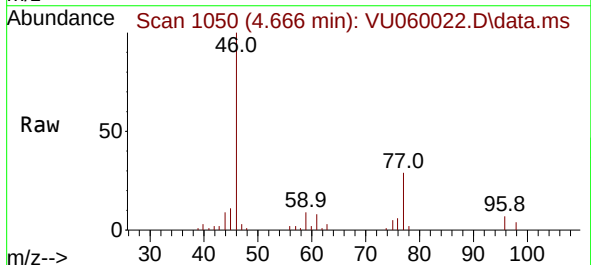
Instrument :
MSVOA_U
ClientSampleId :
YDZG4DL

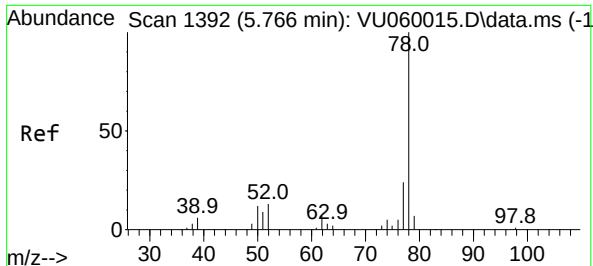
Tgt Ion: 84 Resp: 3657
Ion Ratio Lower Upper
84 100
86 69.7 44.4 82.5
49 92.4 72.0 133.6



#22
cis-1,2-Dichloroethene
Concen: 0.186 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU060022.D
Acq: 18 Jul 2024 17:11

Tgt Ion: 96 Resp: 2219
Ion Ratio Lower Upper
96 100
61 121.9 80.2 148.9
98 63.1 44.7 83.1

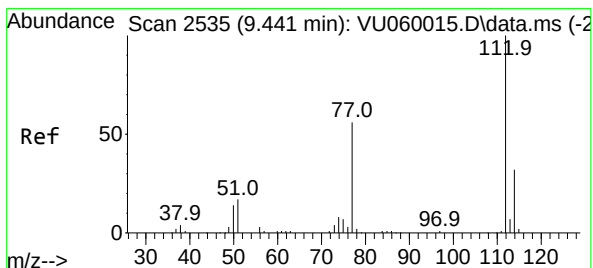
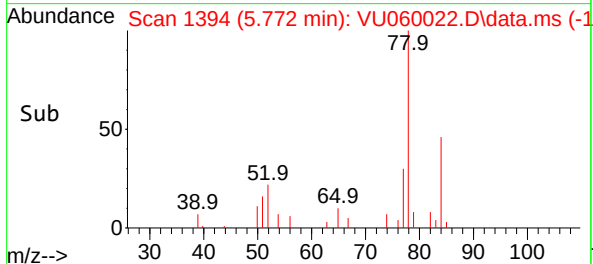
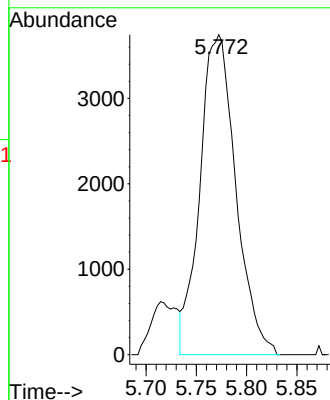
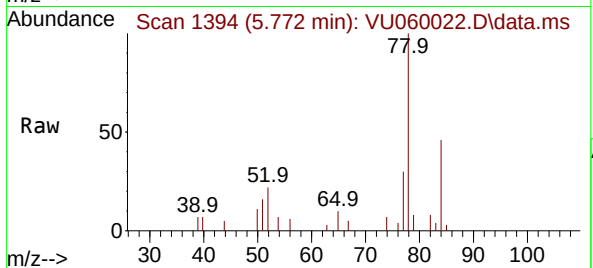




#33
Benzene
Concen: 0.198 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU060022.D
Acq: 18 Jul 2024 17:11

Instrument :
MSVOA_U
ClientSampleId :
YDZG4DL

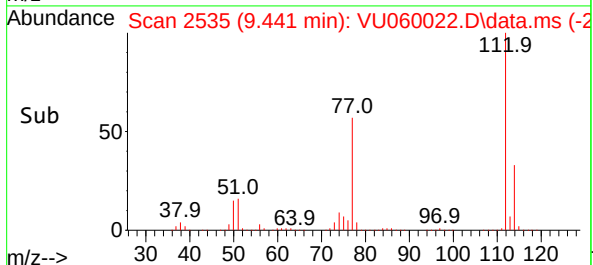
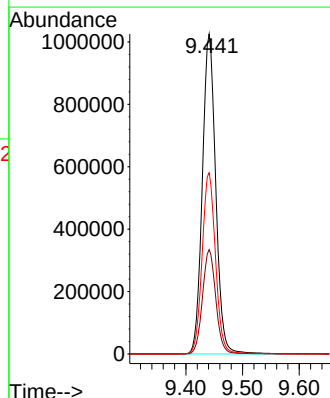
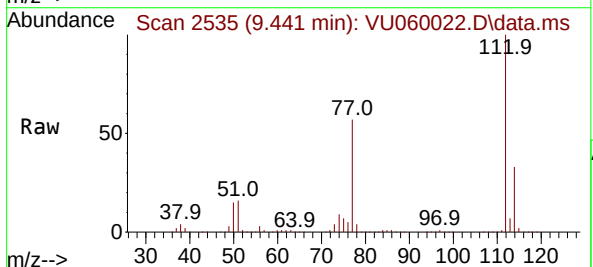
Tgt Ion: 78 Resp: 9308

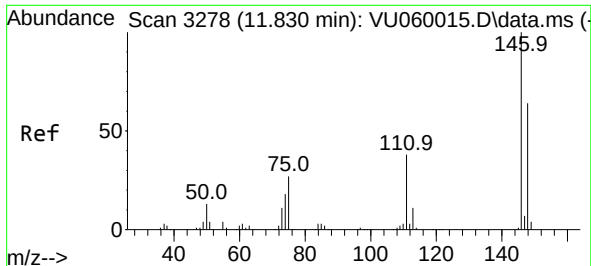


#51
Chlorobenzene
Concen: 51.503 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060022.D
Acq: 18 Jul 2024 17:11

Tgt Ion: 112 Resp: 1683579

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.1	41.1
77	56.6	44.7	67.1

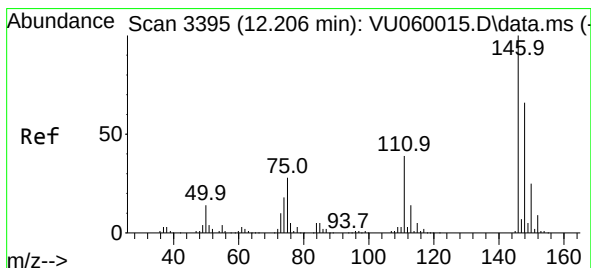
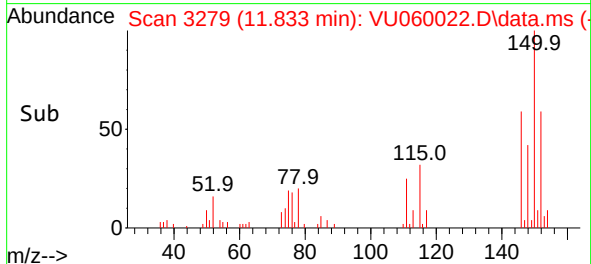
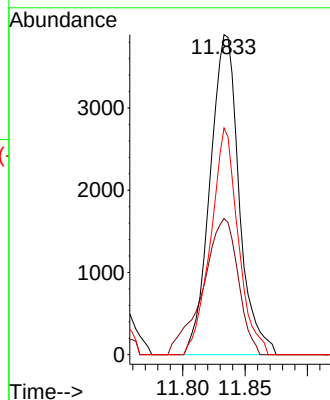
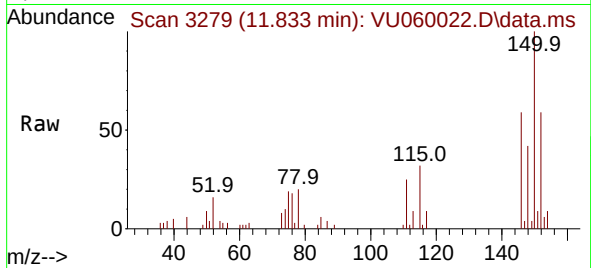




#65
1,4-Dichlorobenzene
Concen: 0.284 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU060022.D
Acq: 18 Jul 2024 17:11

Instrument :
MSVOA_U
ClientSampleId :
YDZG4DL

Tgt Ion:146 Resp: 6300
Ion Ratio Lower Upper
146 100
111 42.5 26.5 49.1
148 70.9 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 0.245 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU060022.D
Acq: 18 Jul 2024 17:11

Tgt Ion:146 Resp: 5114
Ion Ratio Lower Upper
146 100
111 38.4 30.9 46.3
148 77.4 49.8 74.8#

