

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053641.D
 Acq On : 11 Apr 2023 17:34
 Operator : JC/MD
 Sample : 02252-16 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMF2

Quant Time: Apr 12 02:26:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

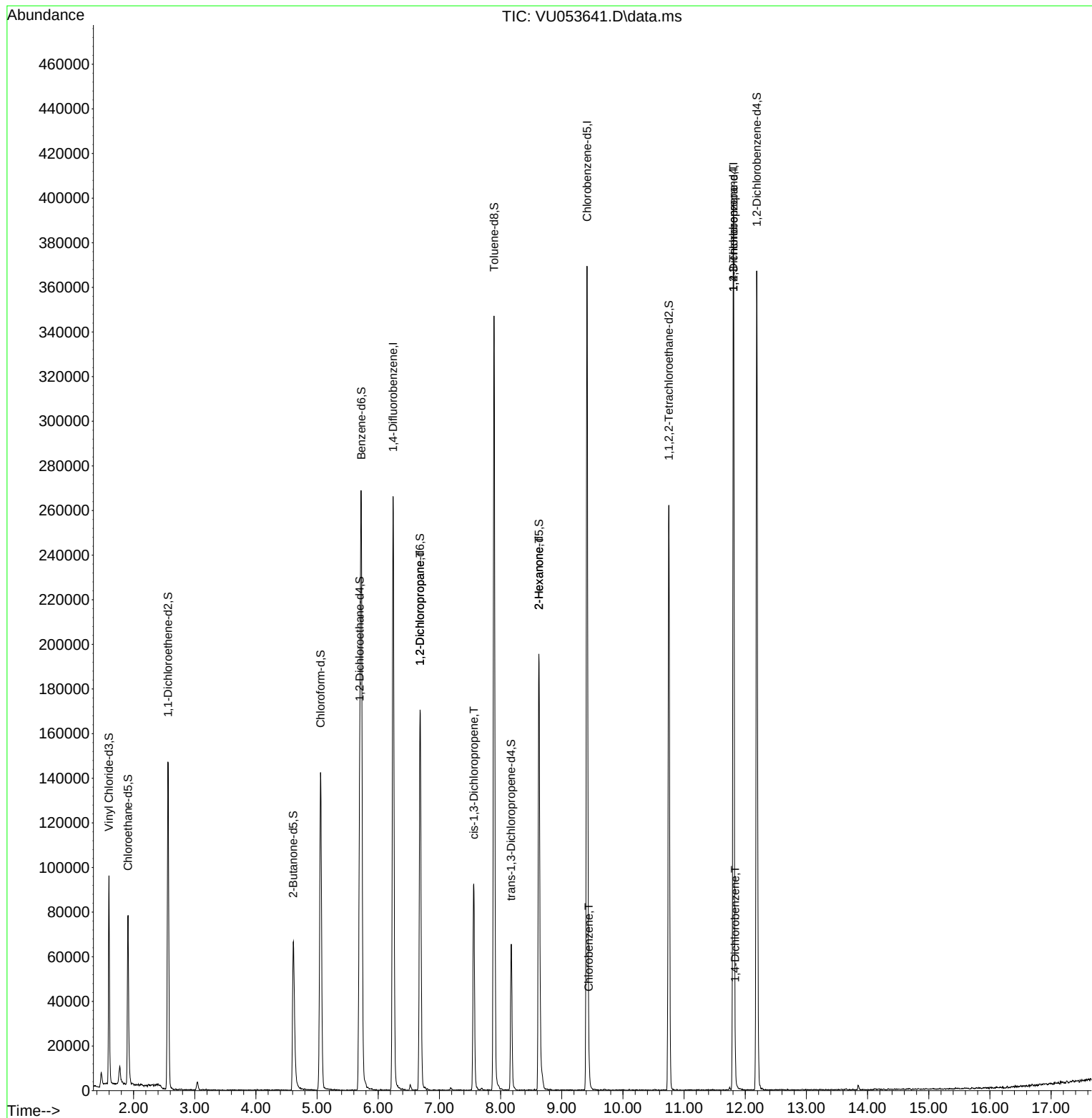
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	232438	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	215219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	108467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67827	37.475	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.960%		
7) Chloroethane-d5	1.909	69	62372	44.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.400%		
11) 1,1-Dichloroethene-d2	2.562	63	84307	30.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.180%		
21) 2-Butanone-d5	4.610	46	94007	114.720	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.720%		
24) Chloroform-d	5.057	84	129689	43.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.660%		
26) 1,2-Dichloroethane-d4	5.697	65	85110	48.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
32) Benzene-d6	5.722	84	262569	45.198	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
36) 1,2-Dichloropropane-d6	6.684	67	85779	48.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.620%		
41) Toluene-d8	7.893	98	240069	41.578	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.160%		
43) trans-1,3-Dichloroprop...	8.172	79	38586	42.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.200%		
47) 2-Hexanone-d5	8.626	63	69690	114.999	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.000%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	125190	50.022	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.040%		
66) 1,2-Dichlorobenzene-d4	12.188	152	95384	42.129	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.260%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.684	63	9373	6.583	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	2621	1.126	ug/L	84
48) 2-Hexanone	8.626	43	8101	6.473	ug/L #	69
51) Chlorobenzene	9.442	112	3700	0.845	ug/L #	83
60) 1,2,3-Trichloropropane	11.806	75	13906	8.842	ug/L #	65
65) 1,4-Dichlorobenzene	11.835	146	3568	1.045	ug/L #	78

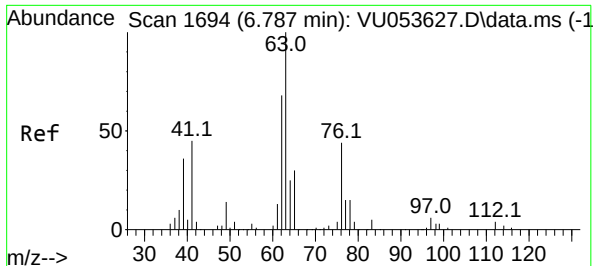
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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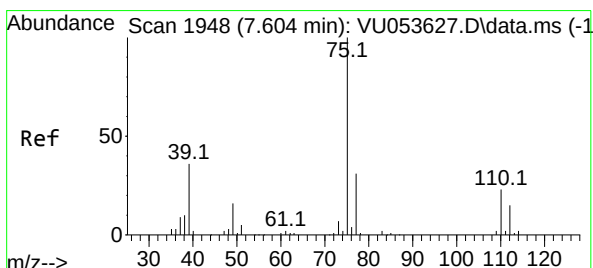
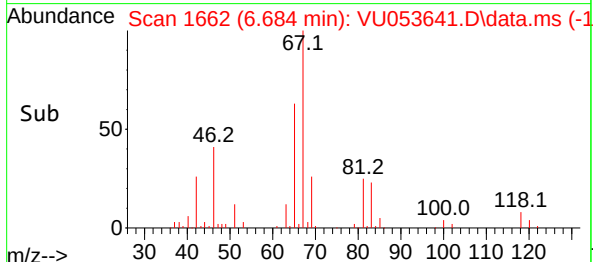
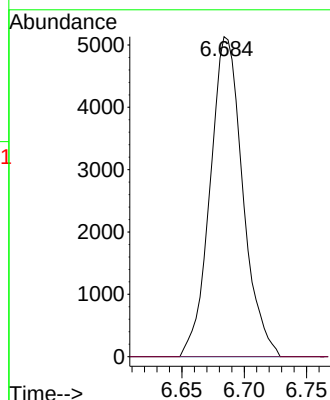
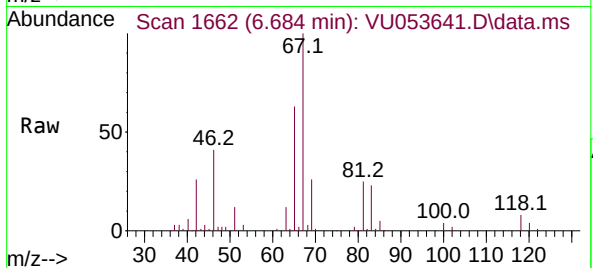




#37
1,2-Dichloropropane
Concen: 6.583 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053641.D
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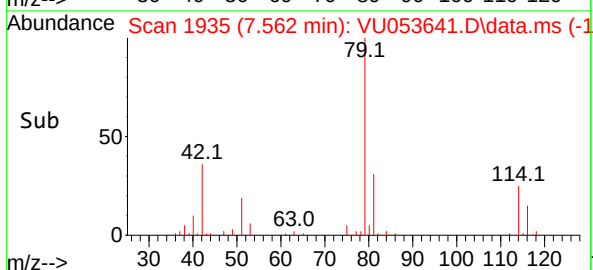
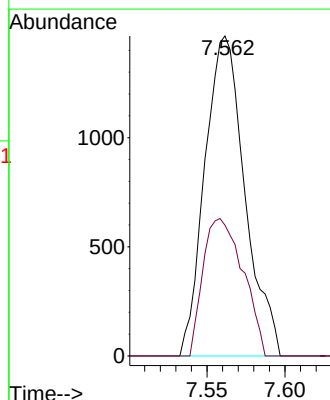
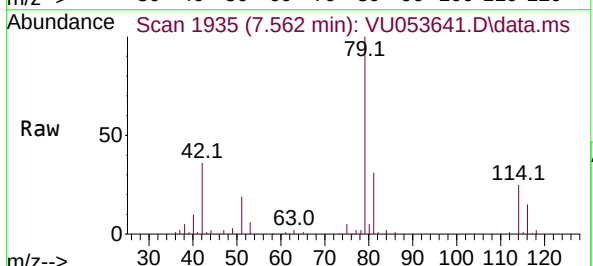
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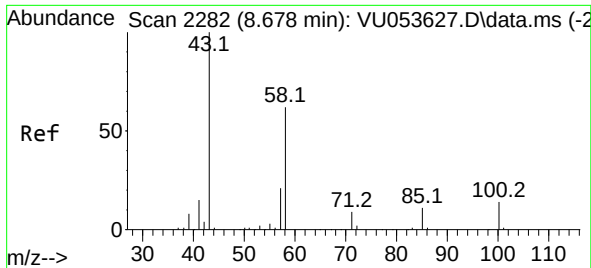
Tgt Ion: 63 Resp: 9373
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.126 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU053641.D
Acq: 11 Apr 2023 17:34

Tgt Ion: 75 Resp: 2621
Ion Ratio Lower Upper
75 100
77 40.9 22.5 41.7

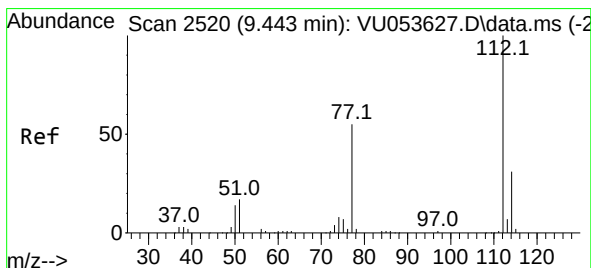
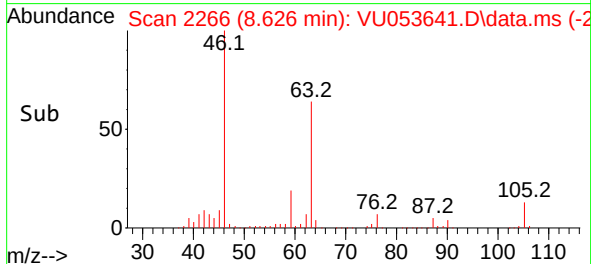
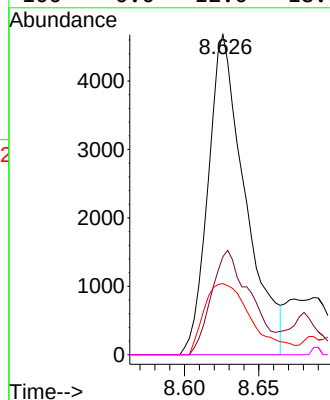
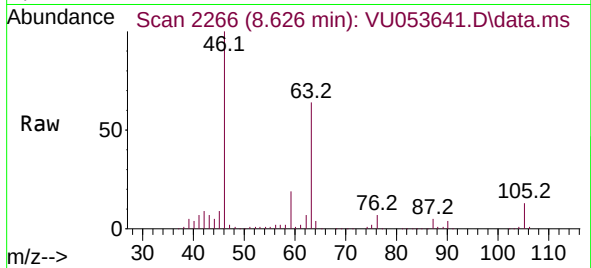




#48
2-Hexanone
Concen: 6.473 ug/L
RT: 8.626 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU053641.D
Acq: 11 Apr 2023 17:34

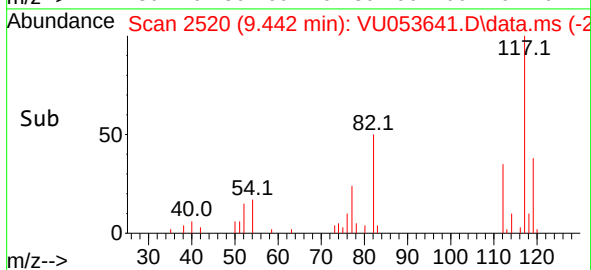
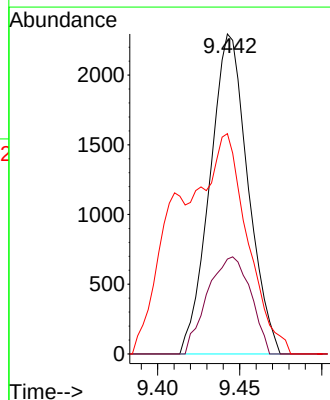
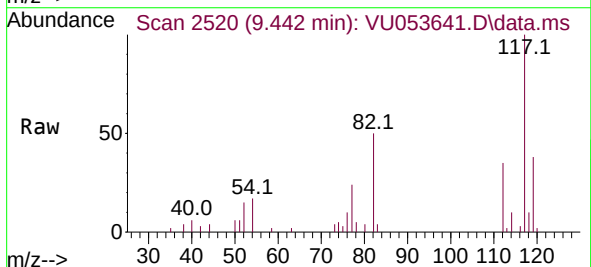
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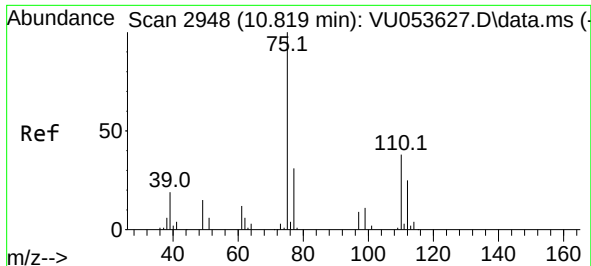
Tgt Ion: 43	Resp: 8101
Ion Ratio	Lower Upper
43 100	
58 34.7	49.8 74.6#
57 28.7	17.8 26.6#
100 0.0	12.0 18.0#



#51
Chlorobenzene
Concen: 0.845 ug/L
RT: 9.442 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053641.D
Acq: 11 Apr 2023 17:34

Tgt Ion:112	Resp:	3700	
Ion	Ratio	Lower	Upper
112	100		
114	29.6	22.2	41.2
77	68.8	41.3	61.9#

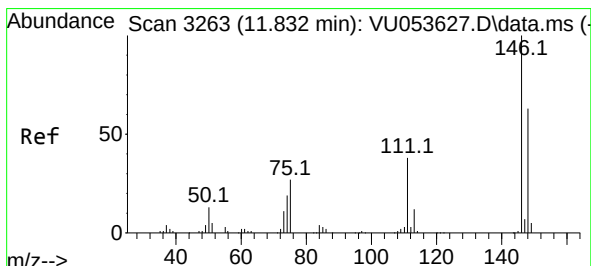
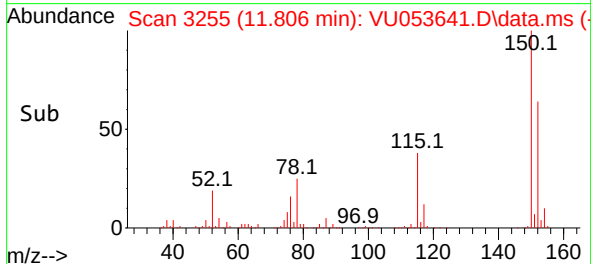
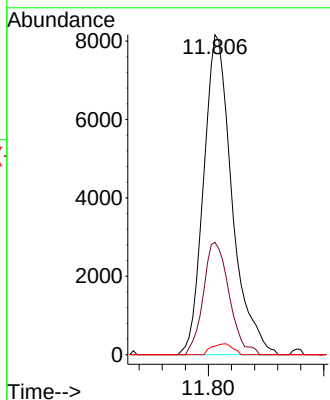
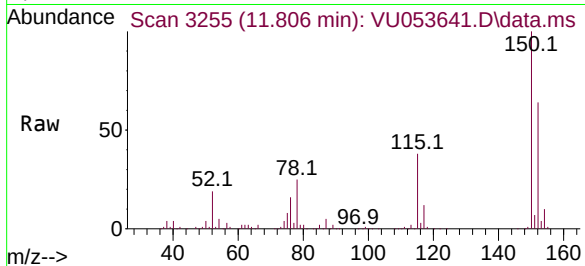




#60
1,2,3-Trichloropropane
Concen: 8.842 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU053641.D
Acq: 11 Apr 2023 17:34

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Tgt Ion: 75 Resp: 13906
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0
110 2.5 32.6 48.8#



#65
1,4-Dichlorobenzene
Concen: 1.045 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU053641.D
Acq: 11 Apr 2023 17:34

Tgt Ion:146 Resp: 3568
Ion Ratio Lower Upper
146 100
111 51.0 25.1 46.5#
148 78.8 44.3 82.3

