

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053523.D
 Acq On : 03 Apr 2023 16:26
 Operator : JC/MD
 Sample : 02158-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB(20230329)

Quant Time: Apr 04 05:18:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

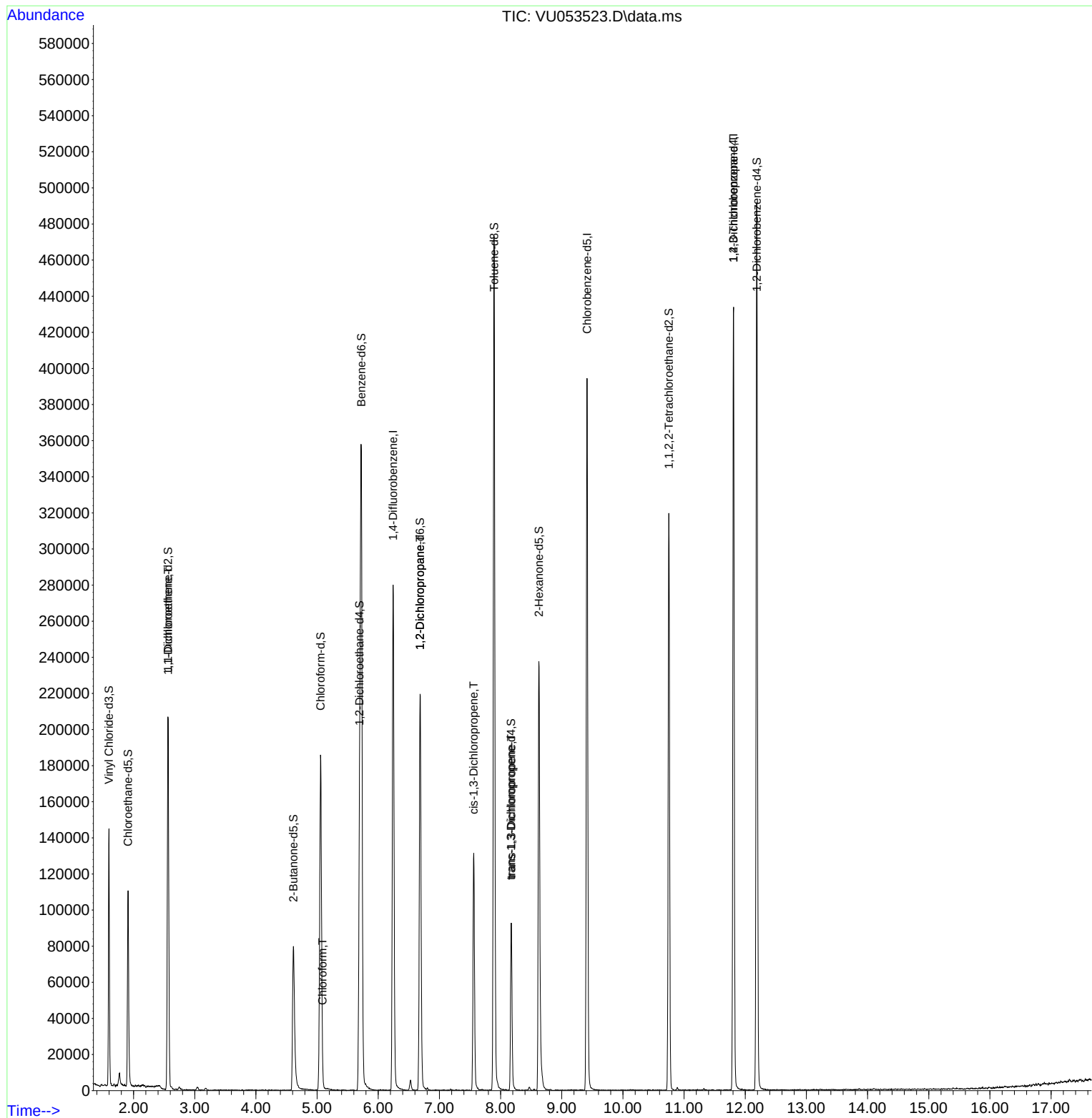
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	244177	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227062	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119374	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	97624	51.346	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 102.700%		
7) Chloroethane-d5	1.909	69	81821	55.814	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 111.620%		
11) 1,1-Dichloroethene-d2	2.562	63	118192	40.158	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 80.320%		
21) 2-Butanone-d5	4.613	46	109415	127.104	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 127.100%		
24) Chloroform-d	5.057	84	166672	53.005	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.020%		
26) 1,2-Dichloroethane-d4	5.694	65	110554	59.500	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 119.000%		
32) Benzene-d6	5.723	84	354390	57.822	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.640%		
36) 1,2-Dichloropropane-d6	6.684	67	107775	57.530	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 115.060%		
41) Toluene-d8	7.893	98	327138	53.702	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 107.400%		
43) trans-1,3-Dichloroprop...	8.173	79	54175	56.023	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 112.040%		
47) 2-Hexanone-d5	8.626	63	87400	136.700	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 136.700%#		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	152464	57.743	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 115.480%		
66) 1,2-Dichlorobenzene-d4	12.189	152	129560	51.995	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 104.000%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.565	96	1012	0.675	ug/L #	1
25) Chloroform	5.089	83	2156	0.754	ug/L	97
37) 1,2-Dichloropropane	6.684	63	11665	7.765	ug/L #	86
39) cis-1,3-Dichloropropene	7.559	75	3401	1.385	ug/L #	66
44) trans-1,3-Dichloropropene	8.176	75	2660	1.146	ug/L #	74
60) 1,2,3-Trichloropropane	11.809	75	13264	7.663	ug/L #	65

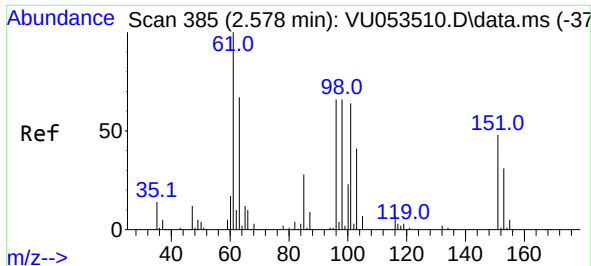
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.675 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU053523.D

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MSVOA_U

ClientSampleId :

FB(20230329)

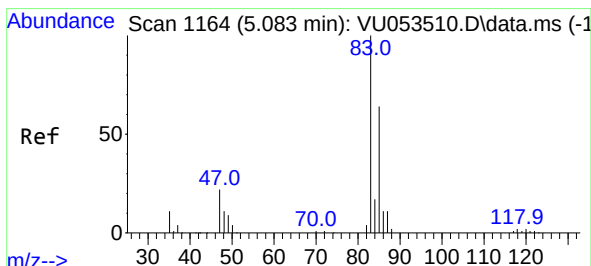
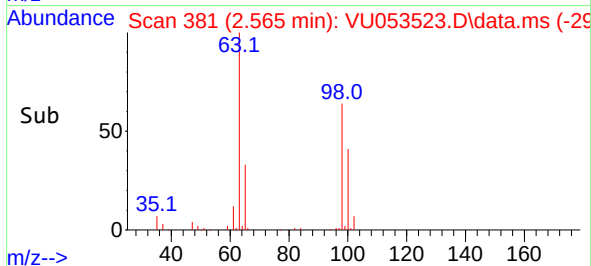
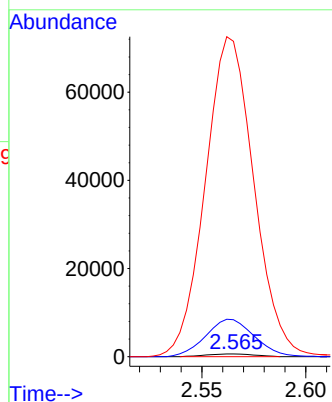
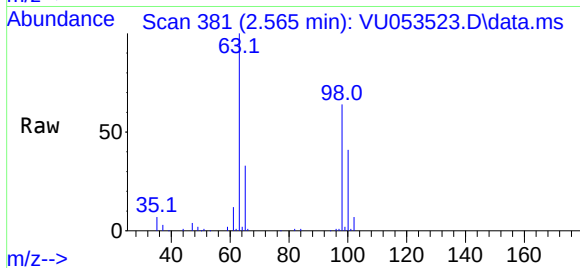
Tgt Ion: 96 Resp: 1012

Ion Ratio Lower Upper

96 100

61 1344.1 107.9 200.5#

63 11482.5 79.1 146.9#



#25

Chloroform

Concen: 0.754 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VU053523.D

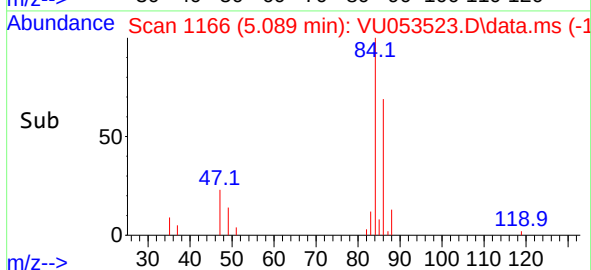
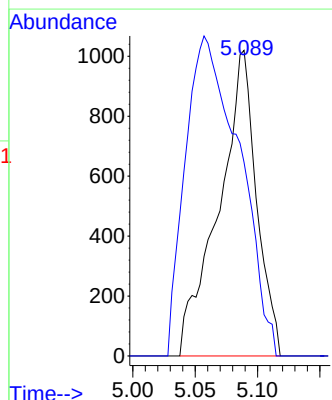
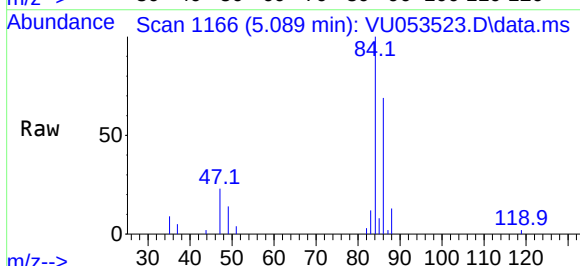
Acq: 03 Apr 2023 16:26

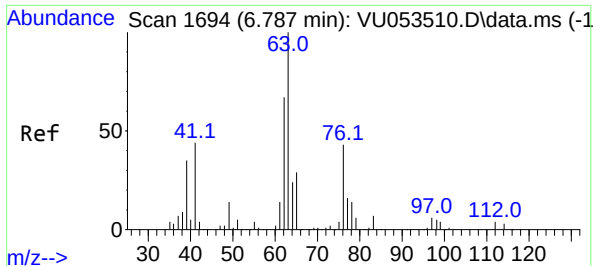
Tgt Ion: 83 Resp: 2156

Ion Ratio Lower Upper

83 100

85 63.3 46.1 85.5

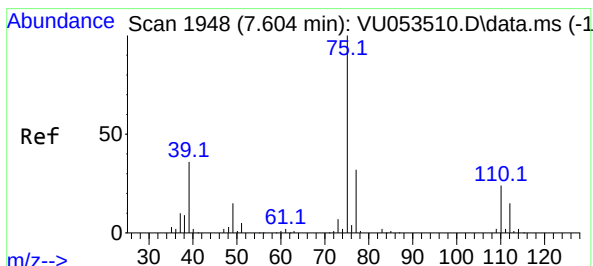
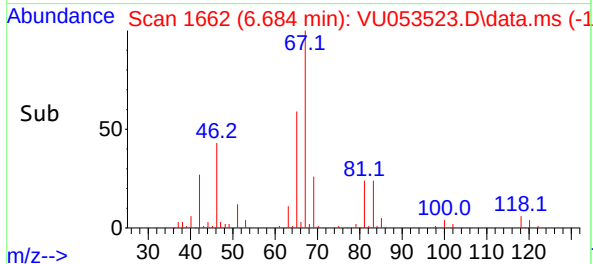
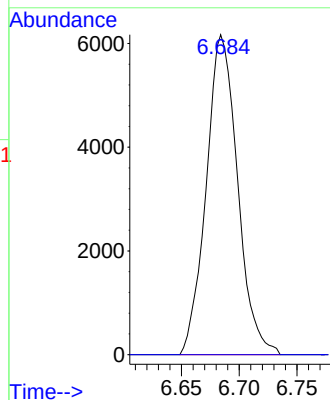
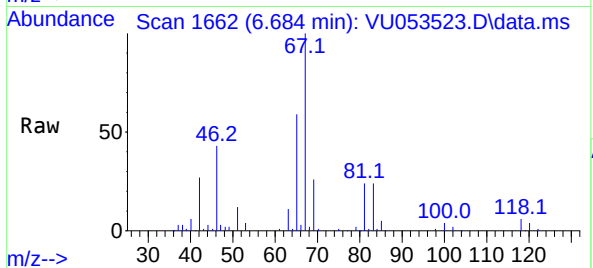




#37
1,2-Dichloropropane
Concen: 7.765 ug/L
RT: 6.684 min Scan# 11665
Delta R.T. -0.100 min
Lab File: VU053523.D
Acq: 03 Apr 2023 16:26

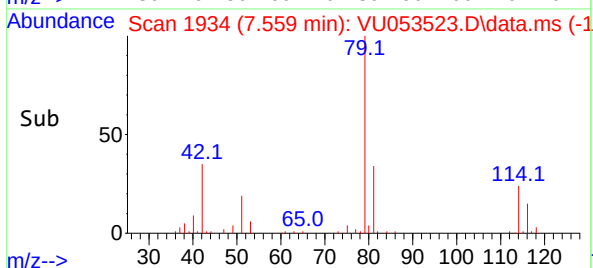
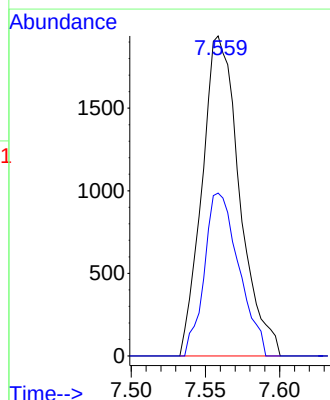
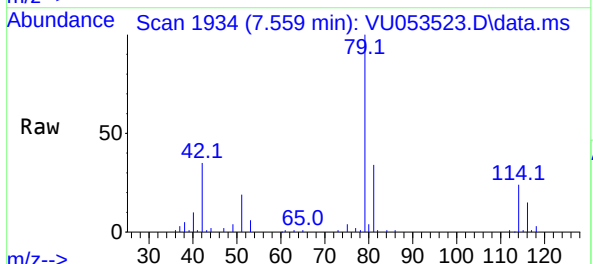
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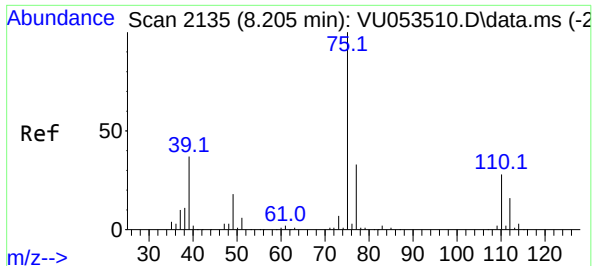
Tgt Ion: 63 Resp: 11665
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.385 ug/L
RT: 7.559 min Scan# 1934
Delta R.T. -0.042 min
Lab File: VU053523.D
Acq: 03 Apr 2023 16:26

Tgt Ion: 75 Resp: 3401
Ion Ratio Lower Upper
75 100
77 50.9 22.5 41.7#

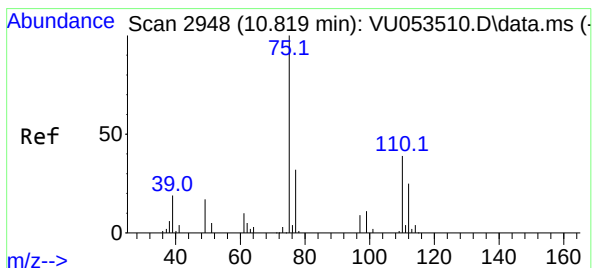
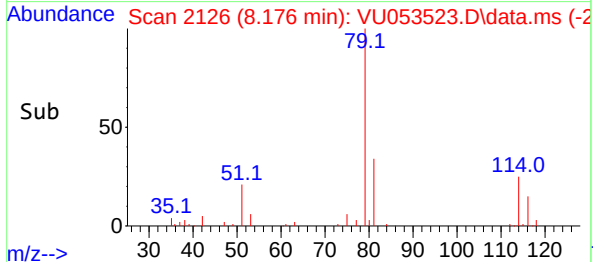
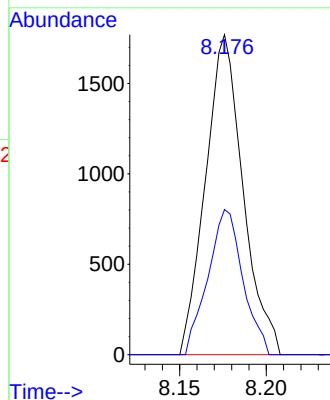
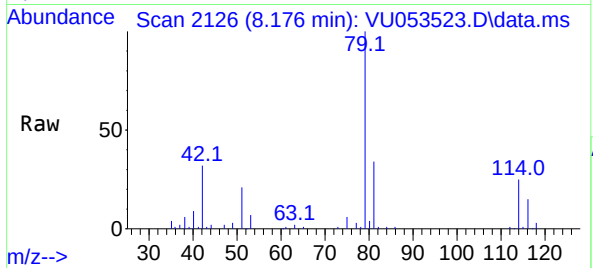




#44
trans-1,3-Dichloropropene
Concen: 1.146 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053523.D
Acq: 03 Apr 2023 16:26

Instrument :
MSVOA_U
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Tgt Ion: 75 Resp: 2660
Ion Ratio Lower Upper
75 100
77 45.4 21.8 40.4#



#60
1,2,3-Trichloropropane
Concen: 7.663 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.994 min
Lab File: VU053523.D
Acq: 03 Apr 2023 16:26

Tgt Ion: 75 Resp: 13264
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0
110 2.1 32.6 48.8#

