

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049821.D
 Acq On : 21 Jul 2022 11:08
 Operator : SY/MD
 Sample : N3792-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUN2

Quant Time: Jul 22 04:11:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

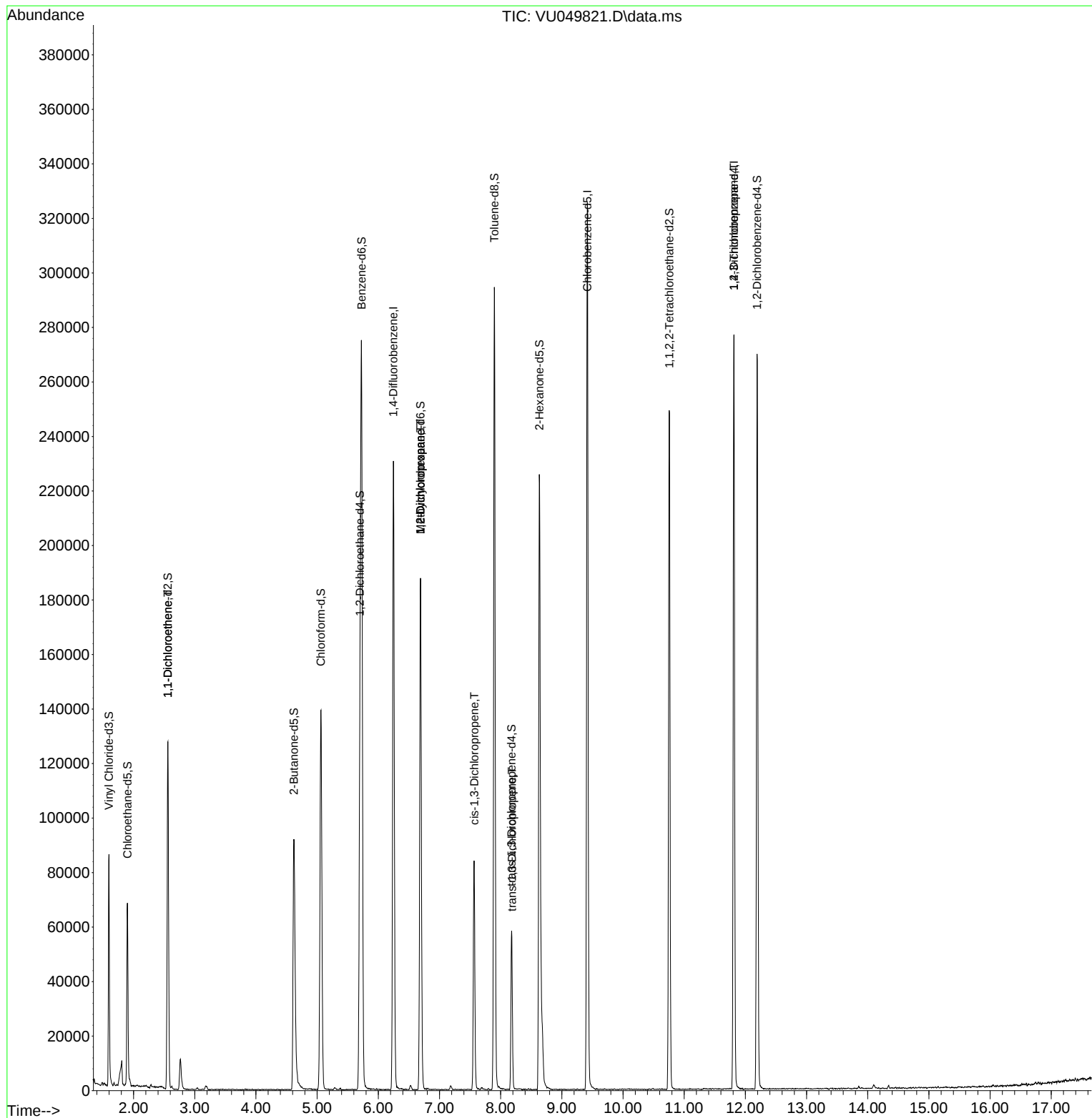
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	173727	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61499	41.956	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.920%		
7) Chloroethane-d5	1.900	69	49741	46.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.900%		
11) 1,1-Dichloroethene-d2	2.559	63	79306	30.630	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.260%		
21) 2-Butanone-d5	4.620	46	135381	108.191	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.190%		
24) Chloroform-d	5.060	84	128184	49.374	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.740%		
26) 1,2-Dichloroethane-d4	5.700	65	90132	51.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.600%		
32) Benzene-d6	5.726	84	234584	45.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.920%		
36) 1,2-Dichloropropane-d6	6.690	67	86968	50.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.320%		
41) Toluene-d8	7.896	98	187743	42.237	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.480%		
43) trans-1,3-Dichloroprop...	8.179	79	31243	43.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.380%		
47) 2-Hexanone-d5	8.633	63	66515	86.128	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.130%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	122515	51.000	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.000%		
66) 1,2-Dichlorobenzene-d4	12.192	152	66550	50.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.380%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.559	96	626	0.504	ug/L #	1
35) Methylcyclohexane	6.690	83	19601	8.171	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9534	5.447	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2452	1.039	ug/L #	82
44) trans-1,3-Dichloropropene	8.186	75	1445	0.652	ug/L	89
60) 1,2,3-Trichloropropane	11.812	75	9474	5.108	ug/L #	69

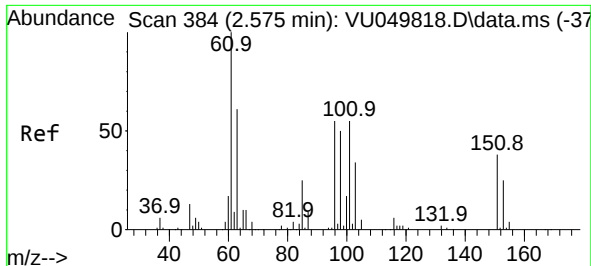
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 22 03:08:56 2022
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#12

1,1-Dichloroethene

Concen: 0.504 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU049821.D

Acq: 21 Jul 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :

DBUN2

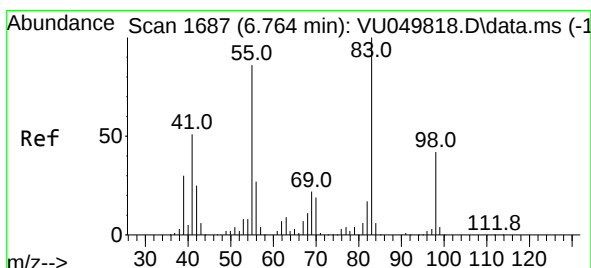
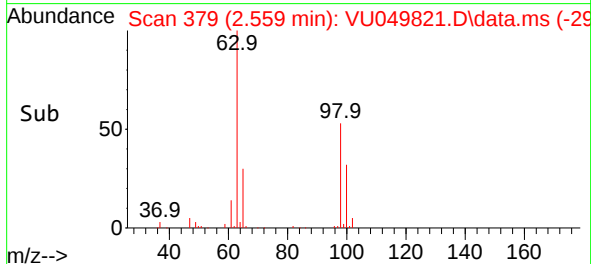
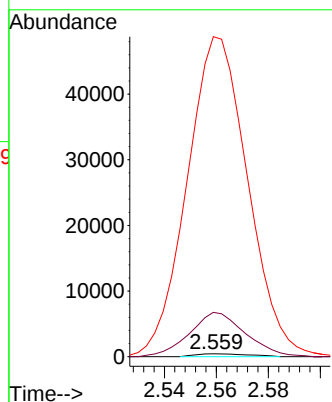
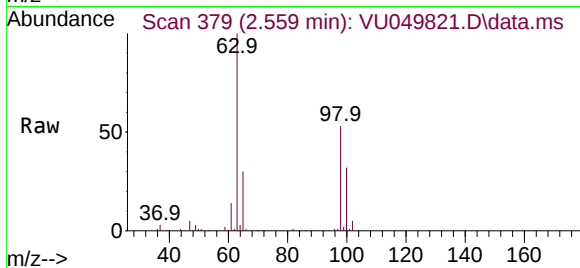
Tgt Ion: 96 Resp: 626

Ion Ratio Lower Upper

96 100

61 1567.9 129.6 240.6#

63 11337.7 79.0 146.6#



#35

Methylcyclohexane

Concen: 8.171 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049821.D

Acq: 21 Jul 2022 11:08

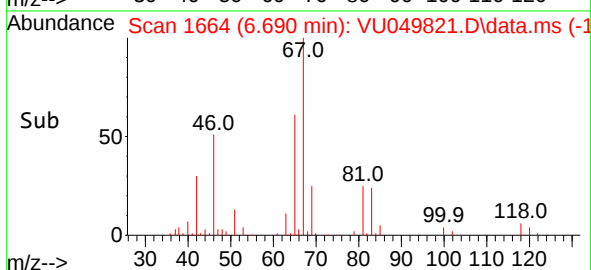
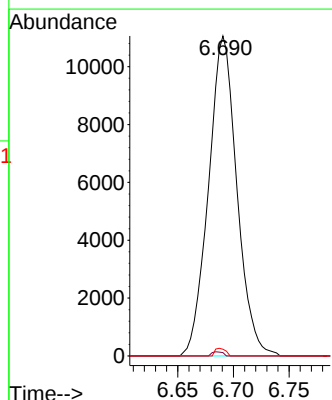
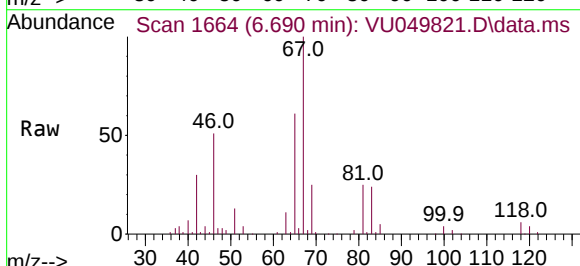
Tgt Ion: 83 Resp: 19601

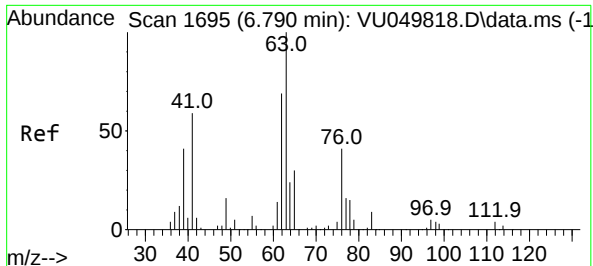
Ion Ratio Lower Upper

83 100

55 0.5 66.0 99.0#

98 0.9 34.6 51.8#

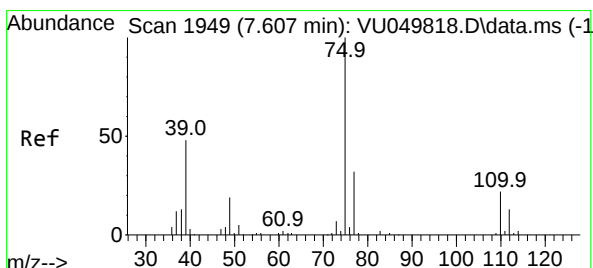
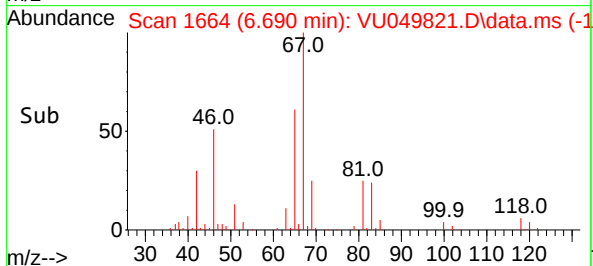
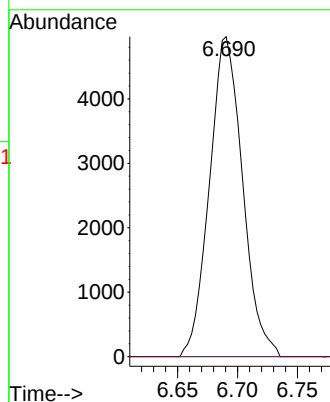
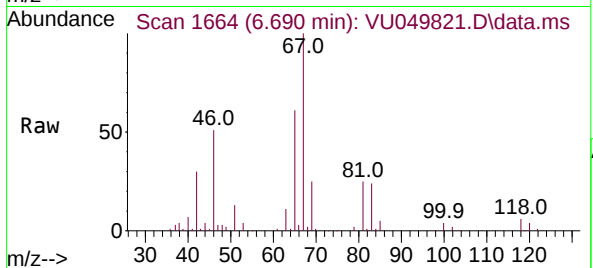




#37
1,2-Dichloropropane
Concen: 5.447 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU049821.D
Acq: 21 Jul 2022 11:08

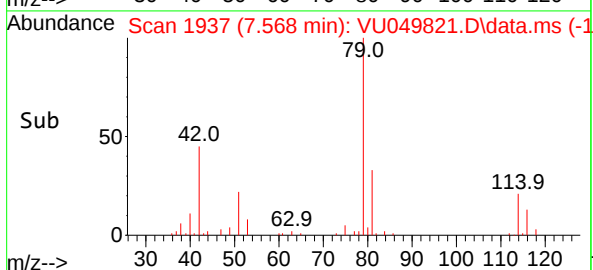
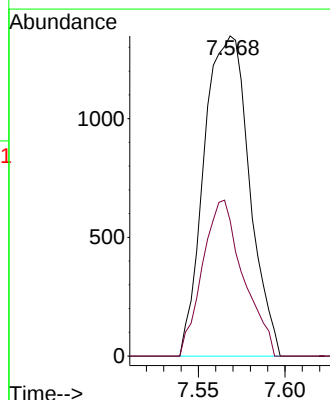
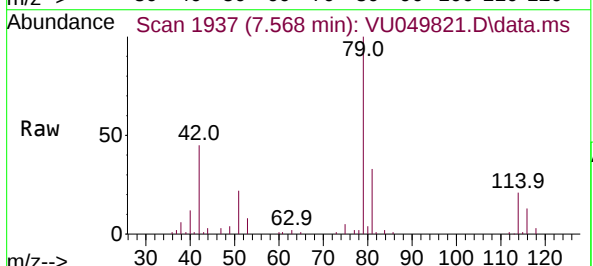
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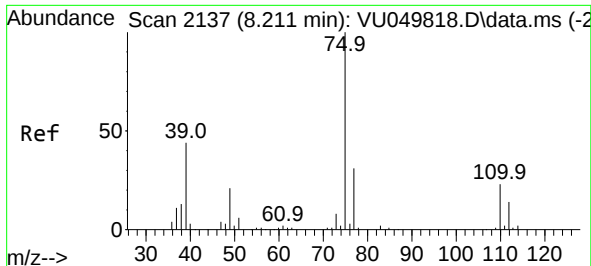
Tgt Ion: 63 Resp: 9534
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 1.039 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.038 min
Lab File: VU049821.D
Acq: 21 Jul 2022 11:08

Tgt Ion: 75 Resp: 2452
Ion Ratio Lower Upper
75 100
77 42.4 22.6 42.0#

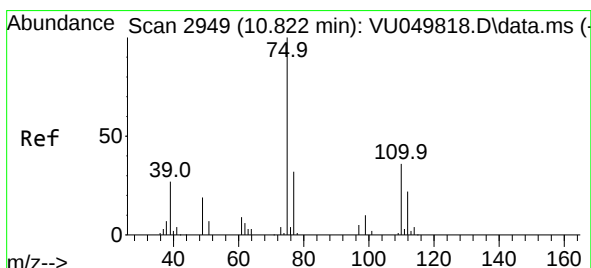
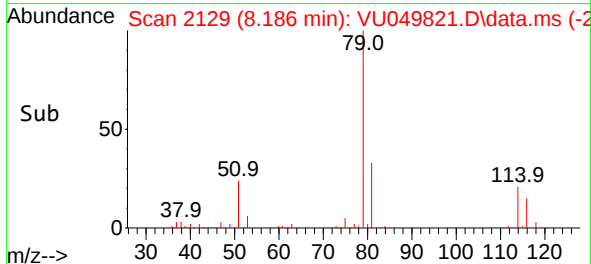
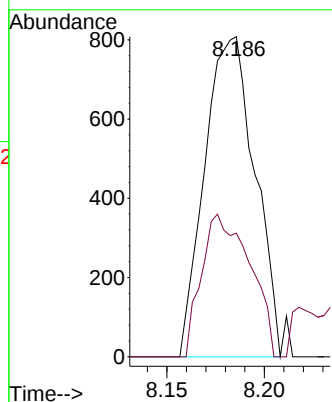
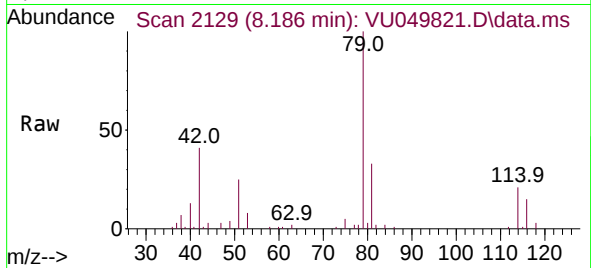




#44
trans-1,3-Dichloropropene
Concen: 0.652 ug/L
RT: 8.186 min Scan# 2137
Delta R.T. -0.025 min
Lab File: VU049821.D
Acq: 21 Jul 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :
DBUN2

Tgt Ion: 75 Resp: 1445
Ion Ratio Lower Upper
75 100
77 38.6 22.5 41.9



#60
1,2,3-Trichloropropane
Concen: 5.108 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.991 min
Lab File: VU049821.D
Acq: 21 Jul 2022 11:08

Tgt Ion: 75 Resp: 9474
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3
110 2.8 28.9 43.3#

