

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054554.D
 Acq On : 16 Jun 2023 03:34
 Operator : MD/SY
 Sample : 03232-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONQ9

Quant Time: Jun 16 04:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

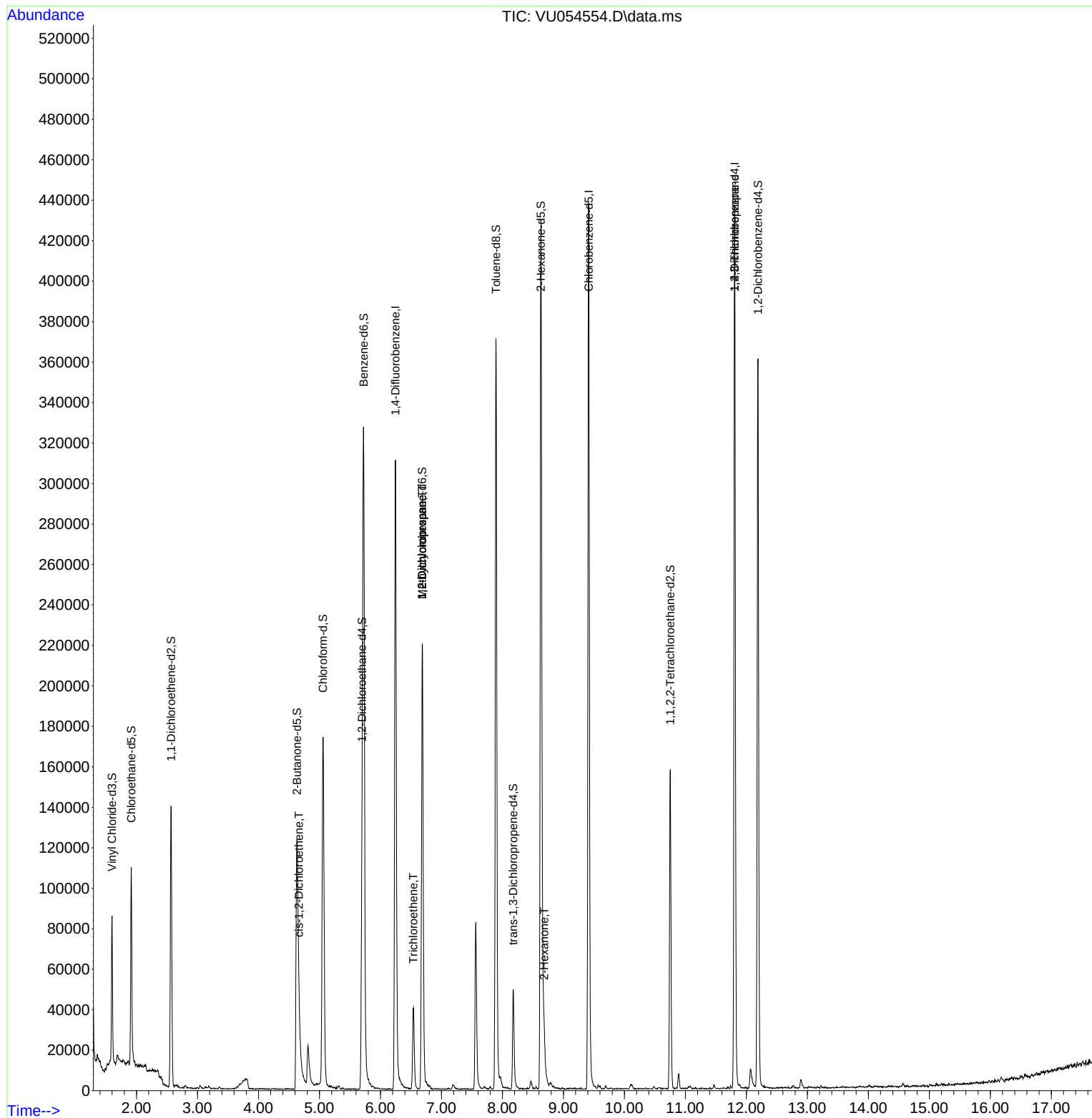
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	256995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	54288	3.319	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.914	69	72688	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.567	65	26235	3.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.631	46	229064	49.813	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	5.058	84	165963	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.698	65	81840	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.724	84	311669	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	108341	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	253627	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	30629	3.762	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.631	63	149159	43.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83369	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	99864	4.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.663	96	3707	0.169	ug/L	88
34) Trichloroethene	6.541	95	13885	0.579	ug/L	96
35) Methylcyclohexane	6.685	83	24646	0.680	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11614	0.474	ug/L #	89
48) 2-Hexanone	8.685	43	11524	1.183	ug/L #	72
61) 1,2,3-Trichloropropane	11.807	75	14178	1.154	ug/L #	69

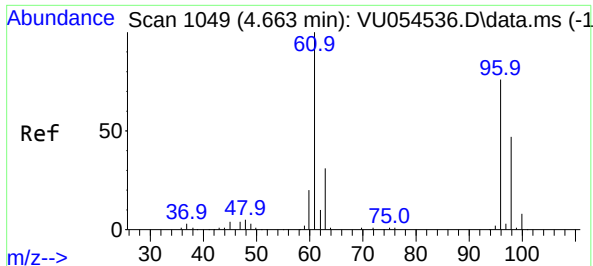
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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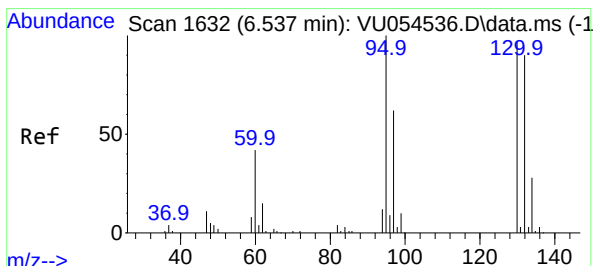
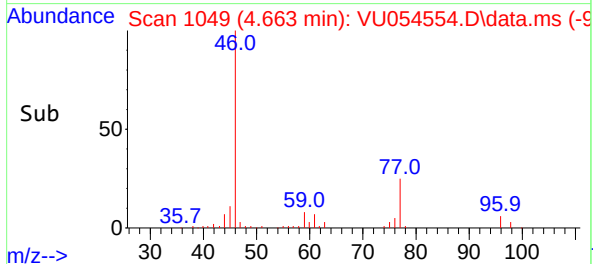
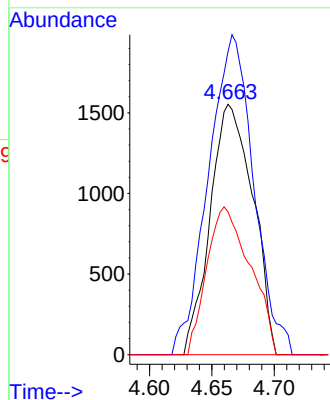
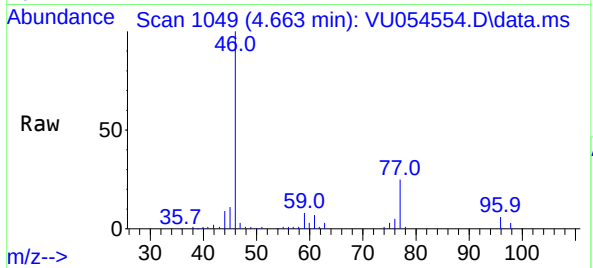




#22
cis-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054554.D
Acq: 16 Jun 2023 03:34

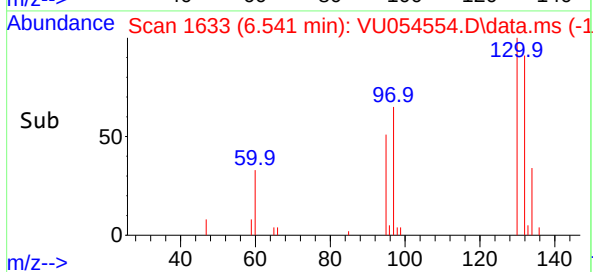
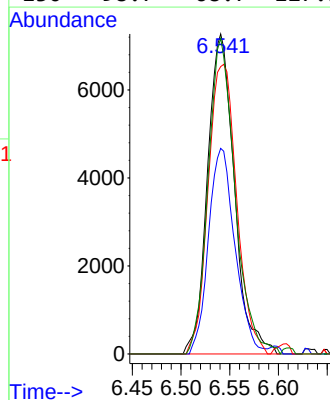
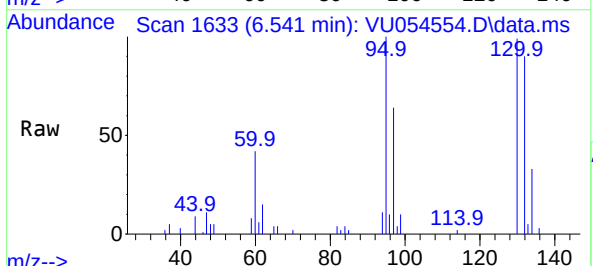
Instrument :
MSVOA_U
ClientSampleId :
CONQ9

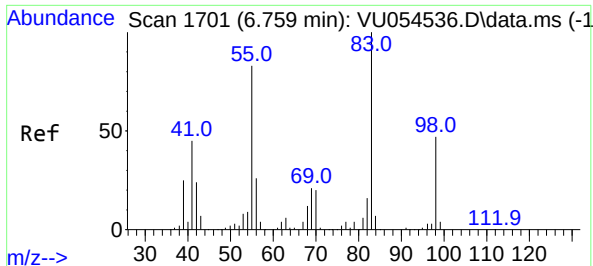
Tgt Ion: 96 Resp: 3707
Ion Ratio Lower Upper
96 100
61 121.1 96.5 179.1
98 57.1 44.9 83.3



#34
Trichloroethene
Concen: 0.579 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054554.D
Acq: 16 Jun 2023 03:34

Tgt Ion: 95 Resp: 13885
Ion Ratio Lower Upper
95 100
97 64.2 46.8 87.0
132 89.8 68.4 127.0
130 98.7 68.7 127.5

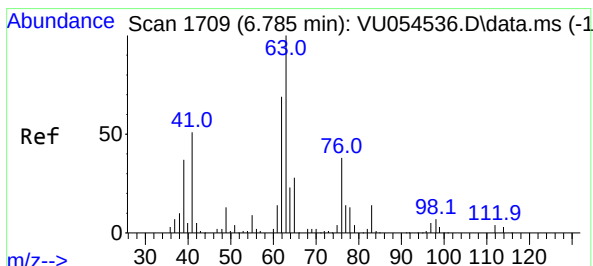
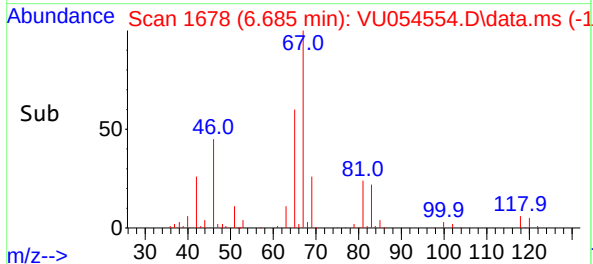
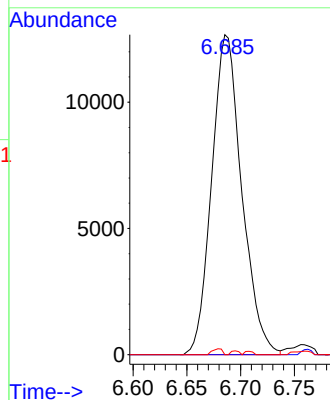
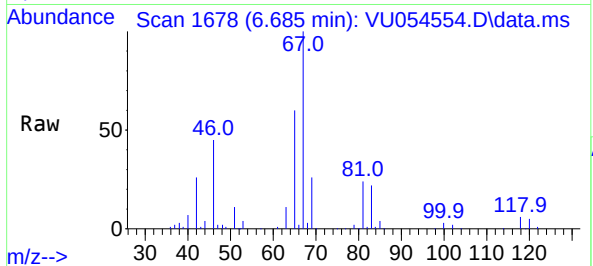




#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054554.D
Acq: 16 Jun 2023 03:34

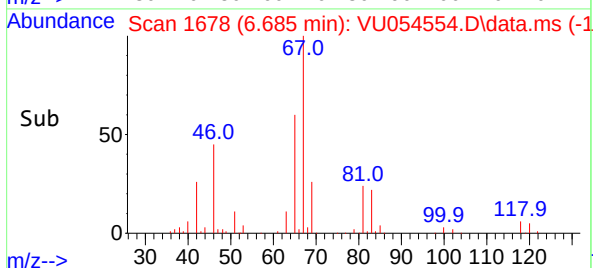
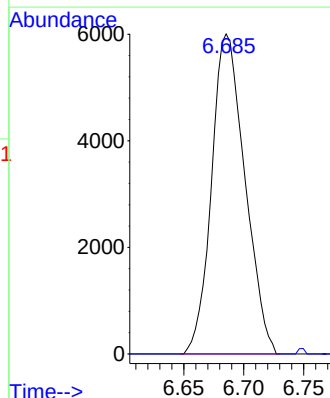
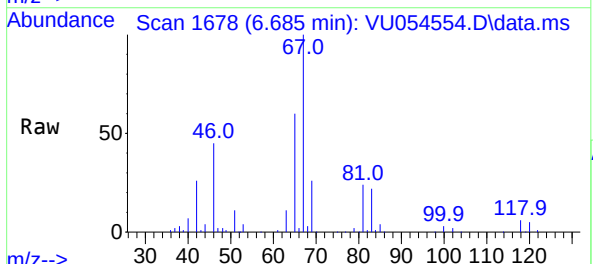
Instrument :
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CONQ9

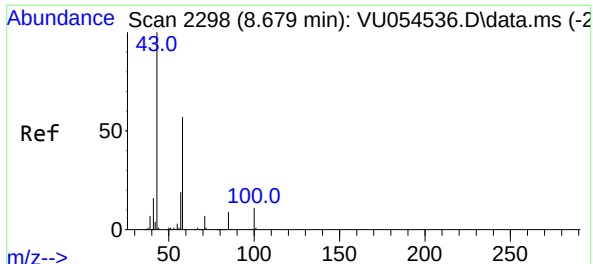
Tgt Ion: 83 Resp: 24646
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 0.6 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU054554.D
Acq: 16 Jun 2023 03:34

Tgt Ion: 63 Resp: 11614
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#

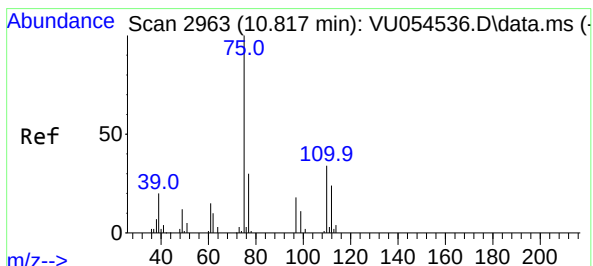
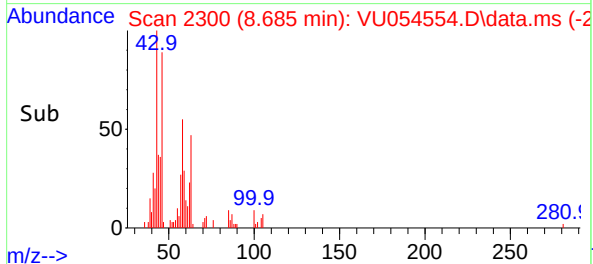
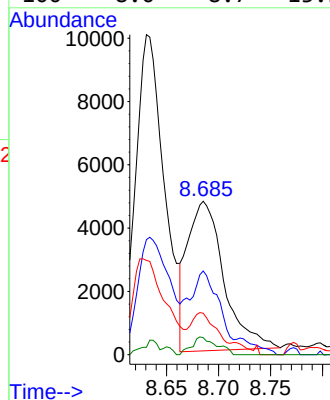
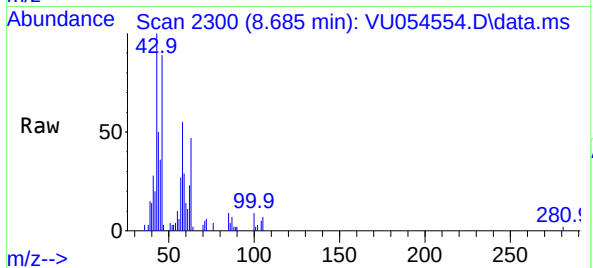




#48
2-Hexanone
Concen: 1.183 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054554.D
Acq: 16 Jun 2023 03:34

Instrument :
MSVOA_U
ClientSampleId :
CONQ9

Tgt Ion: 43	Resp: 11524
Ion Ratio	Lower Upper
43	100
58	29.2 45.2 67.8#
57	14.2 15.8 23.6#
100	8.0 8.7 13.1#



#61
1,2,3-Trichloropropane
Concen: 1.154 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054554.D
Acq: 16 Jun 2023 03:34

Tgt Ion: 75	Resp: 14178
Ion Ratio	Lower Upper
75	100
110	1.6 28.0 42.0#
77	33.2 25.4 38.2

