

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092622\
 Data File : VU050940.D
 Acq On : 26 Sep 2022 12:29
 Operator : JC/MD
 Sample : N4747-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A4

Quant Time: Sep 26 20:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 26 20:52:47 2022
 Response via : Initial Calibration

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

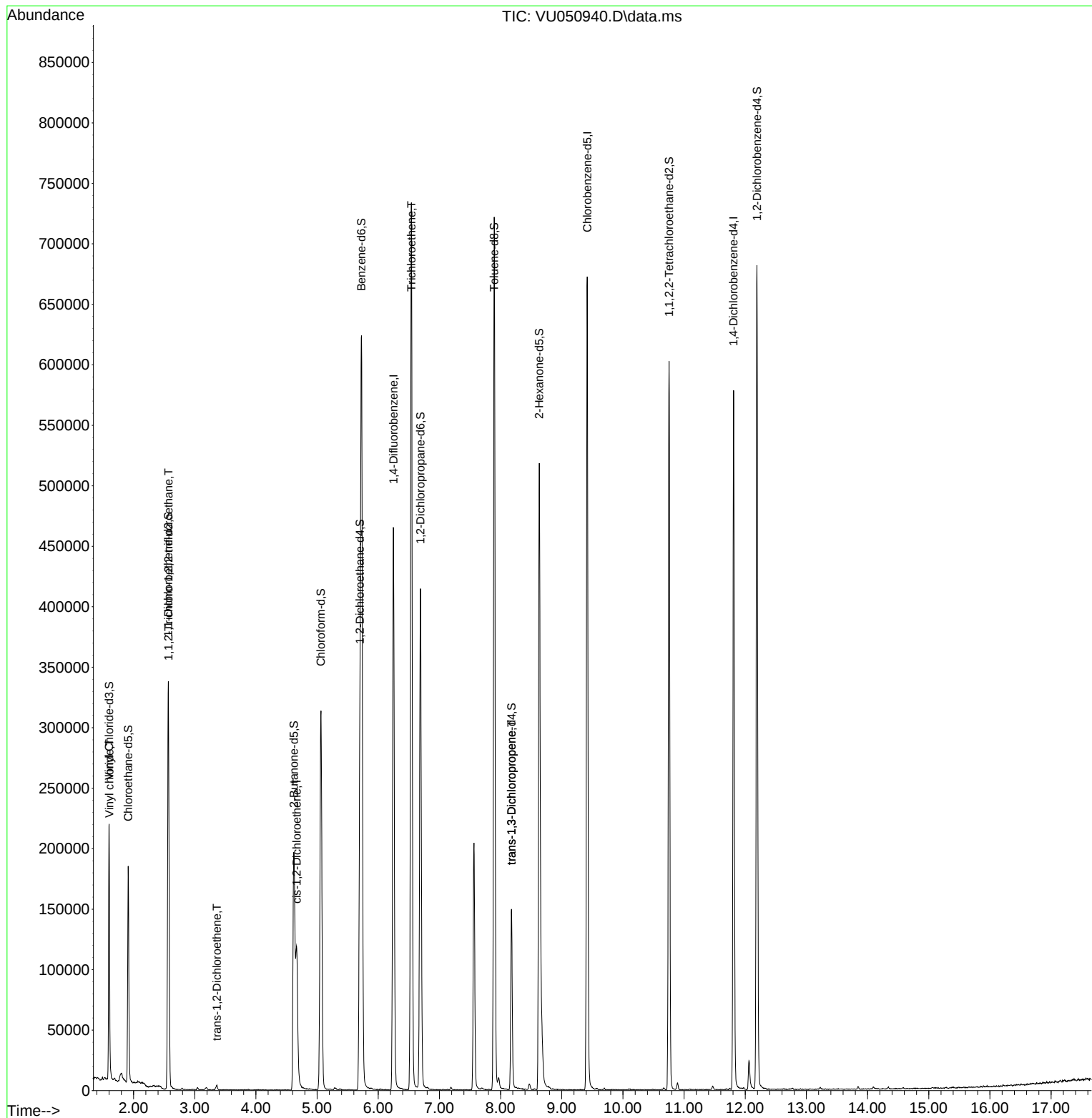
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	367629	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	371074	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	150807	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	150902	39.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.240%
7) Chloroethane-d5	1.912	69	129728	47.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.640%
11) 1,1-Dichloroethene-d2	2.568	63	199248	33.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.240%
21) 2-Butanone-d5	4.620	46	286748	116.611	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.610%
24) Chloroform-d	5.063	84	295442	49.496	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.700	65	193518	52.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.220%
32) Benzene-d6	5.726	84	575728	47.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.690	67	204544	49.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	7.896	98	483258	45.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.460%
43) trans-1,3-Dichloroprop...	8.179	79	83695	46.633	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	8.632	63	156929	92.302	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	310392	49.347	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	175821	55.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.360%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	6670	1.540	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1789	0.595	ug/L #	21
17) trans-1,2-Dichloroethene	3.362	96	1887	0.651	ug/L	82
20) cis-1,2-Dichloroethene	4.668	96	52975	16.493	ug/L	95
34) Trichloroethene	6.542	95	254501	80.231	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	4007	0.842	ug/L #	74

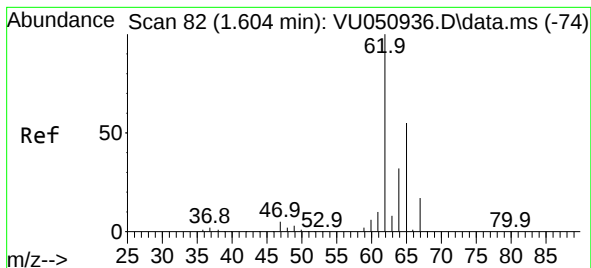
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Sep 26 20:52:47 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.540 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU050940.D

Acq: 26 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

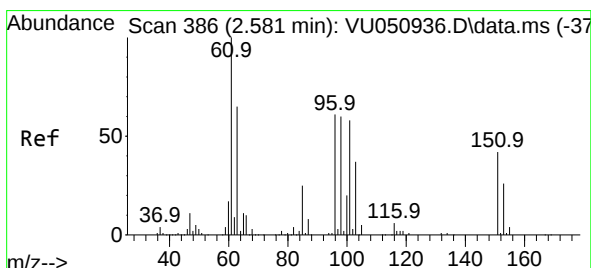
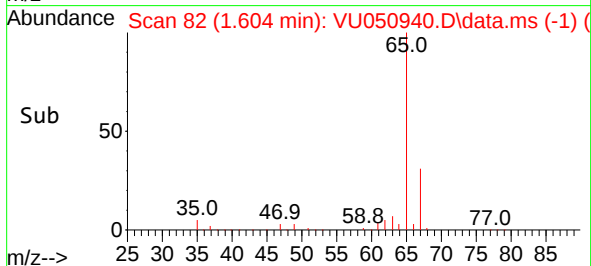
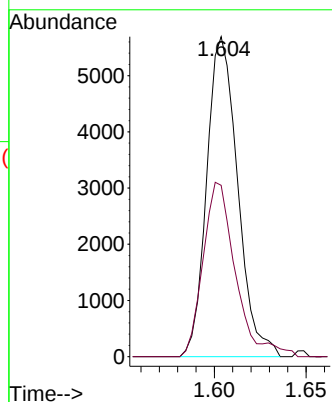
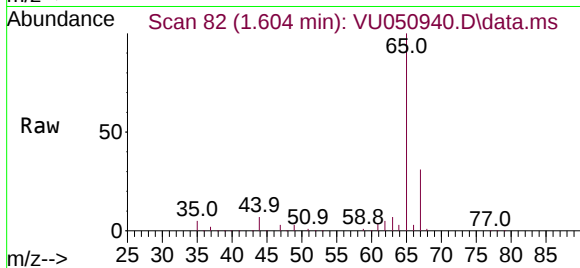
E45A4

Tgt Ion: 62 Resp: 6670

Ion Ratio Lower Upper

62 100

64 53.6 22.2 41.2#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.595 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU050940.D

Acq: 26 Sep 2022 12:29

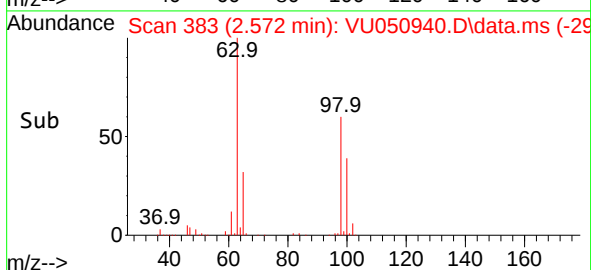
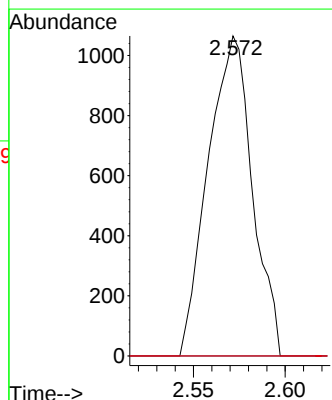
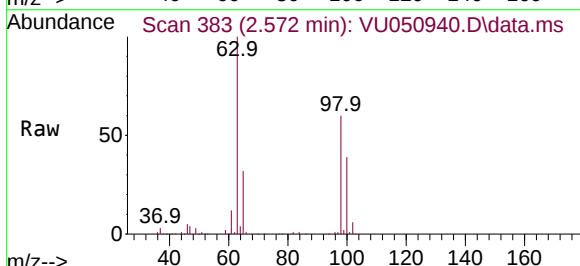
Tgt Ion: 101 Resp: 1789

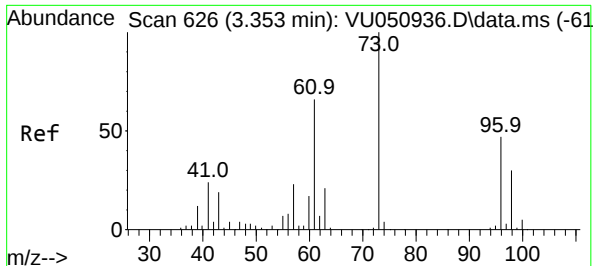
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 56.6 84.8#





#17

trans-1,2-Dichloroethene

Concen: 0.651 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.010 min

Lab File: VU050940.D

Acq: 26 Sep 2022 12:29

Instrument :

MSVOA_U

ClientSampleId :

E45A4

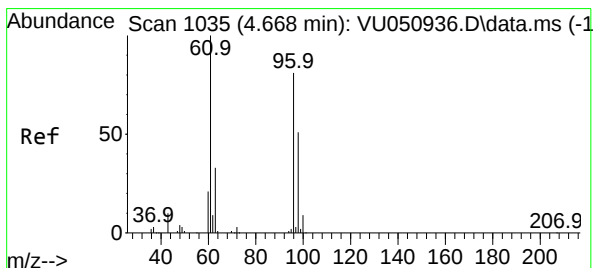
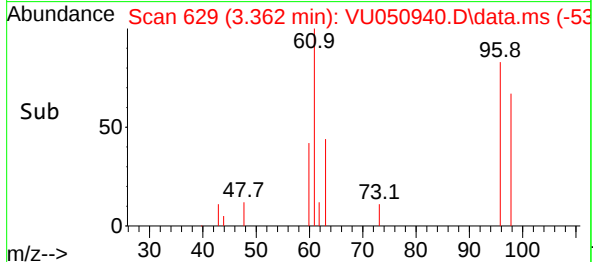
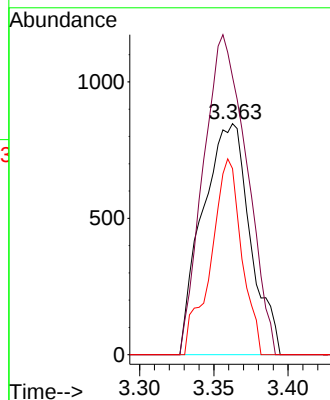
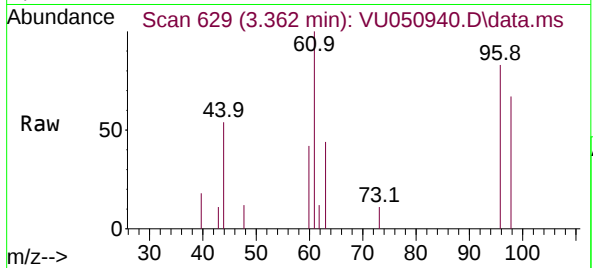
Tgt Ion: 96 Resp: 1887

Ion Ratio Lower Upper

96 100

61 120.2 98.0 182.0

98 80.5 44.3 82.3



#20

cis-1,2-Dichloroethene

Concen: 16.493 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050940.D

Acq: 26 Sep 2022 12:29

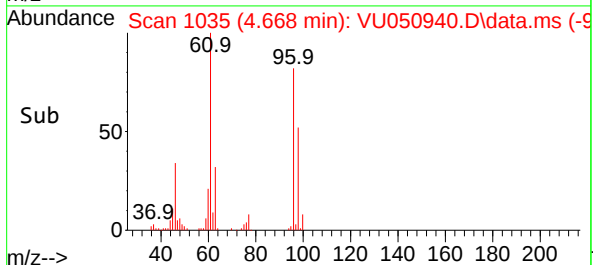
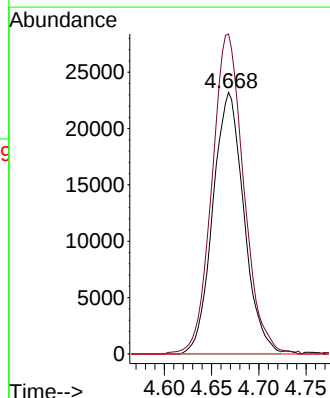
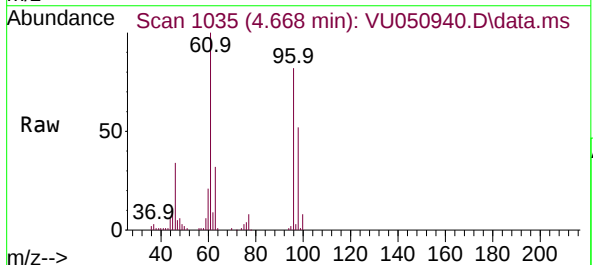
Tgt Ion: 96 Resp: 52975

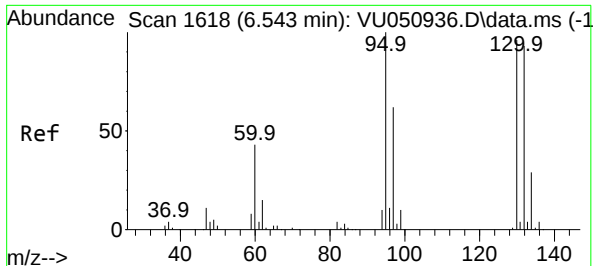
Ion Ratio Lower Upper

96 100

61 122.3 90.1 167.3

68 0.0 0.0 0.0

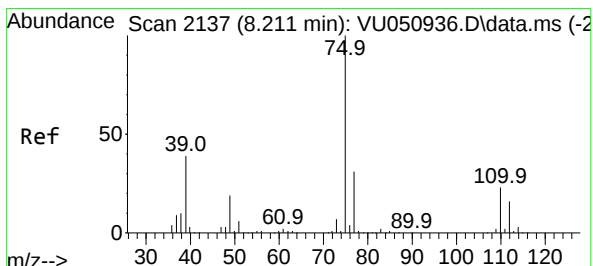
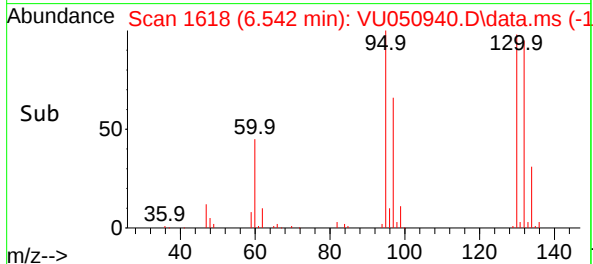
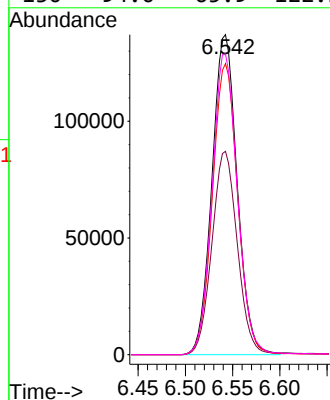
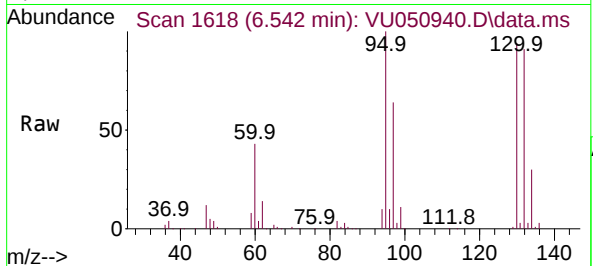




#34
Trichloroethene
Concen: 80.231 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050940.D
Acq: 26 Sep 2022 12:29

Instrument :
MSVOA_U
ClientSampleId :
E45A4

Tgt Ion: 95 Resp: 254501
Ion Ratio Lower Upper
95 100
97 63.6 43.9 81.5
132 91.0 63.1 117.1
130 94.0 65.9 122.3



#44
trans-1,3-Dichloropropene
Concen: 0.842 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050940.D
Acq: 26 Sep 2022 12:29

Tgt Ion: 75 Resp: 4007
Ion Ratio Lower Upper
75 100
77 45.9 21.9 40.7#

