

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003815.D
 Acq On : 18 Dec 2020 13:14
 Operator : SY/MD
 Sample : L5134-04
 Misc : 5.05G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 00:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 00:17:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	255794	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	241081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	118758	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	78279	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
7) Chloroethane-d5	2.77	69	59070	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.80%
10) 1,1-Dichloroethene-d2	3.86	63	103328	14.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.36%
20) 2-Butanone-d5	6.90	46	52598	34.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.16%
24) Chloroform-d	7.49	84	130347	19.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	8.15	65	74352	19.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.16%
29) Benzene-d6	8.12	84	293011	21.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.00%
33) 1,2-Dichloropropane-d6	9.12	67	84950	19.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.20%
37) Toluene-d8	10.18	98	269964	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.52%
38) trans-1,3-Dichloropropene-	10.44	79	41006	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.44%
39) 2-Hexanone-d5	10.79	63	44733	37.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.66%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	76248	20.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.28%
61) 1,2-Dichlorobenzene-d4	13.72	152	98503	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

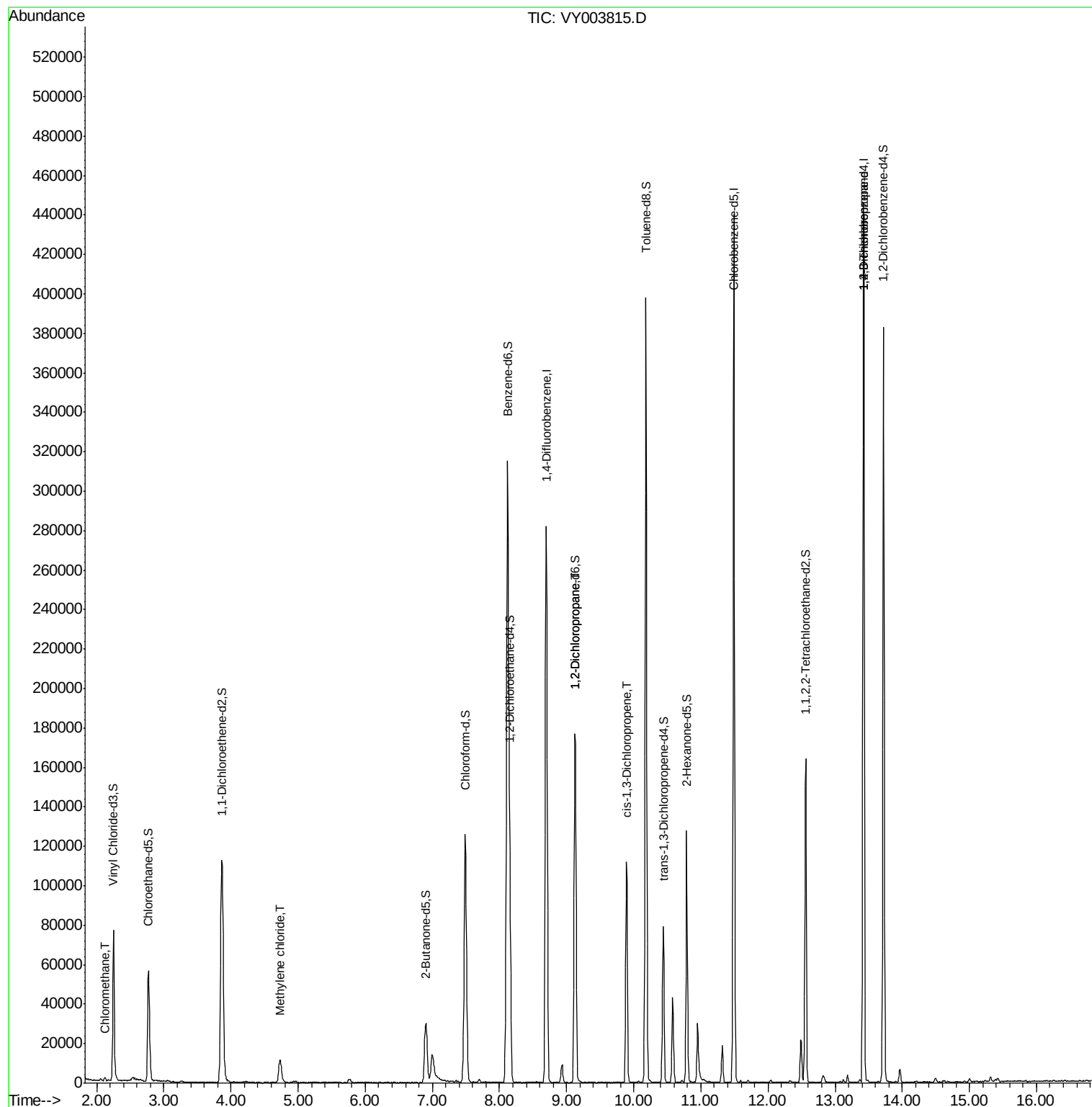
					Ovalue
3) Chloromethane	2.13	50	1467	0.368 ug/L #	78
16) Methylene chloride	4.73	84	8855	1.928 ug/L	78
40) 1,2-Dichloropropane	9.12	63	9390	2.362 ug/L #	87
42) cis-1,3-Dichloropropene	9.89	75	3228	0.511 ug/L #	72
59) 1,2,3-Trichloropropane	13.42	75	14878	4.688 ug/L	94

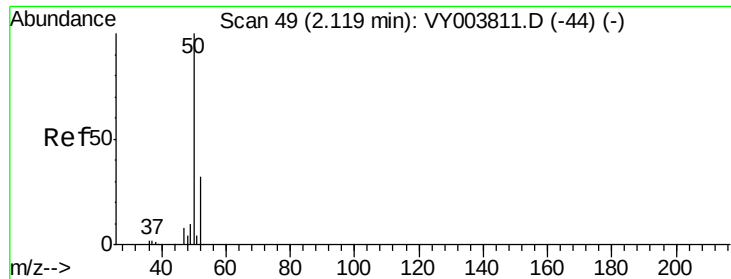
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
Data File : VY003815.D
Acq On : 18 Dec 2020 13:14
Operator : SY/MD
Sample : L5134-04
Misc : 5.05G/10ML/MSVOA Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 19 00:18:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 19 00:17:11 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.368 ug/L

RT: 2.13 min Scan# 50

Delta R.T. 0.01 min

Lab File: VY003815.D

Acq: 18 Dec 2020 13:14

Instrument :

MSVOA_Y

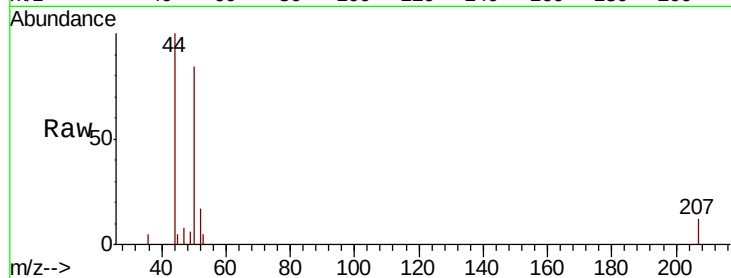
ClientSampled :

Tot Ion: 50 Resp: 1467

Ion Ratio Lower Upper

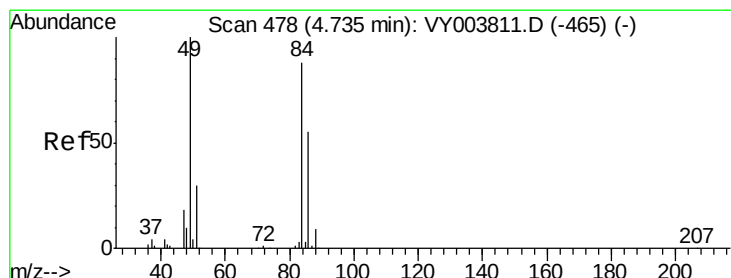
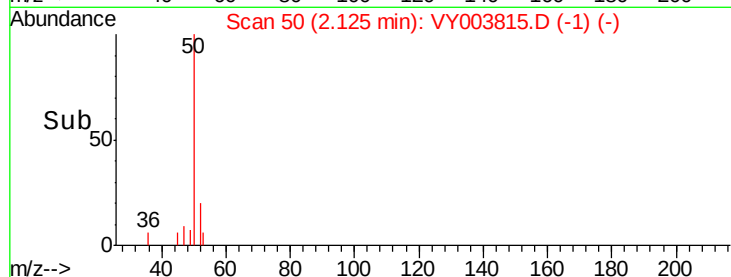
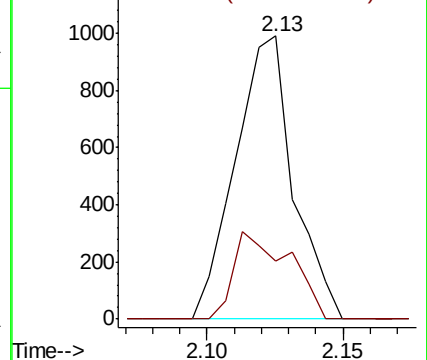
50 100

52 20.5 22.8 42.4#



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#16

Methylene chloride

Concen: 1.928 ug/L

RT: 4.73 min Scan# 478

Delta R.T. -0.00 min

Lab File: VY003815.D

Acq: 18 Dec 2020 13:14

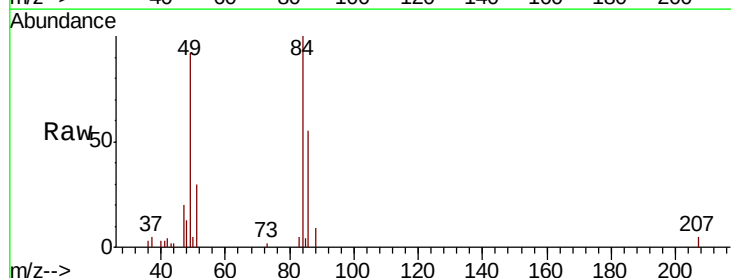
Tgt Ion: 84 Resp: 8855

Ion Ratio Lower Upper

84 100

49 92.4 88.2 163.8

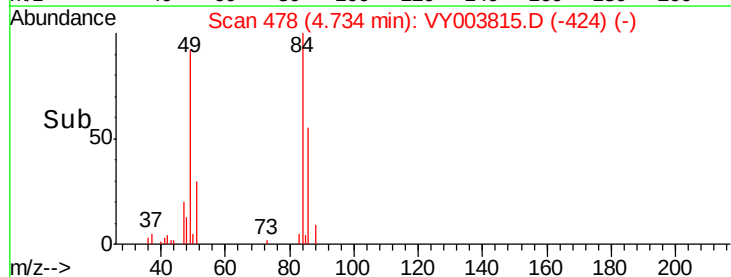
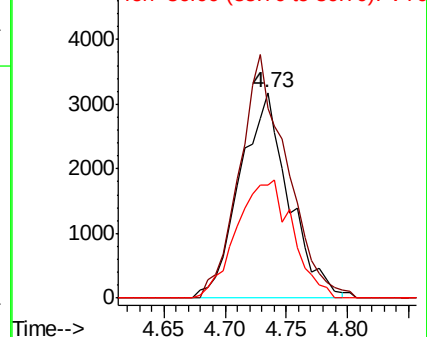
86 55.1 43.0 79.8

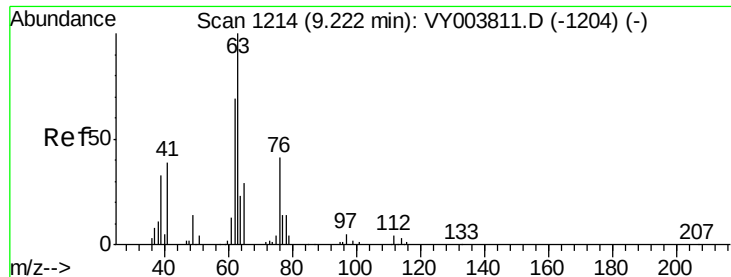


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

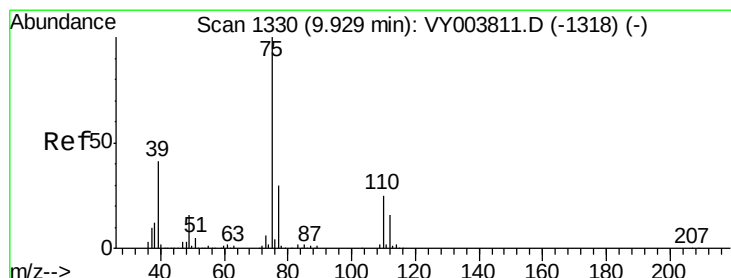
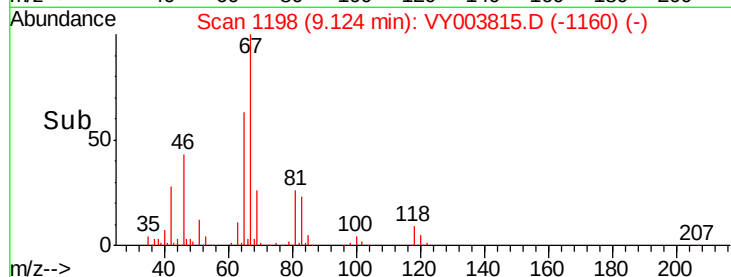
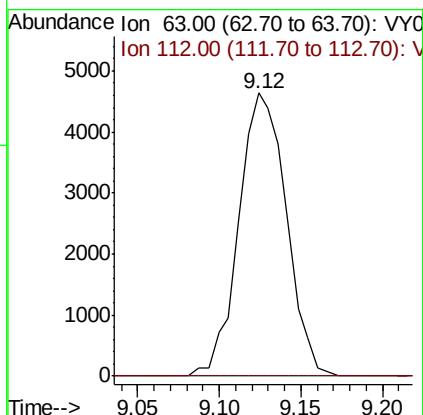
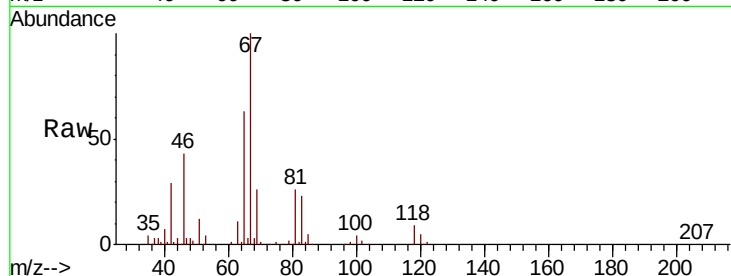




#40
 1,2-Dichloropropane
 Concen: 2.362 ug/L
 RT: 9.12 min Scan# 1198
 Delta R.T. -0.10 min
 Lab File: VY003815.D
 Acq: 18 Dec 2020 13:14

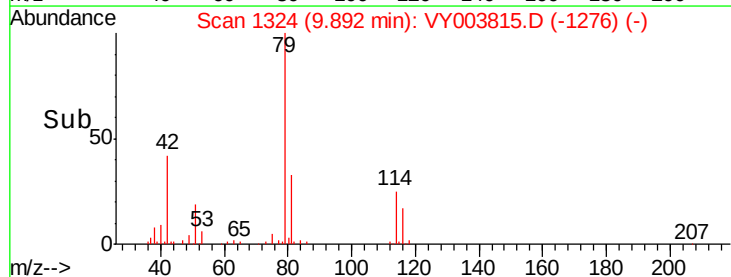
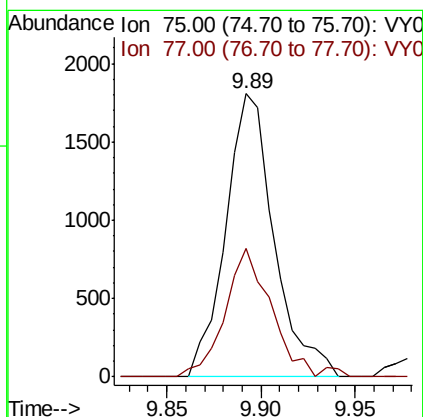
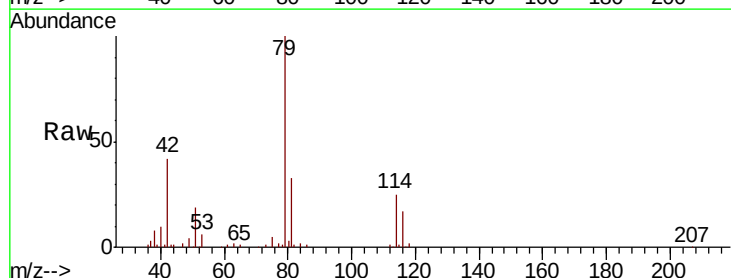
Instrument :
 MSVOA_Y
 ClientSampled :

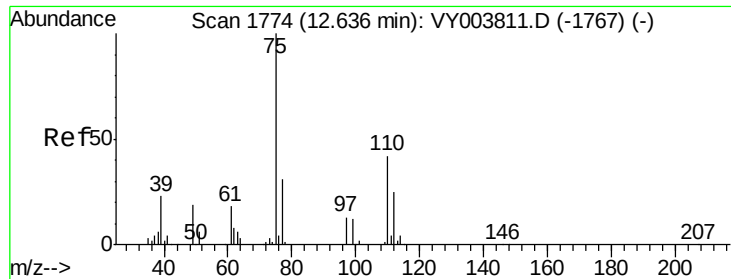
Tot Ion: 63 Resp: 9390
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.511 ug/L
 RT: 9.89 min Scan# 1324
 Delta R.T. -0.04 min
 Lab File: VY003815.D
 Acq: 18 Dec 2020 13:14

Tgt Ion: 75 Resp: 3228
 Ion Ratio Lower Upper
 75 100
 77 45.5 21.3 39.6#





#59

1,2,3-Trichloropropane

Concen: 4.688 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003815.D

Acq: 18 Dec 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 14878

Ion Ratio Lower Upper

75 100

77 28.4 25.5 38.3

