

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052213.D
 Acq On : 07 Dec 2022 22:20
 Operator : JC/MD
 Sample : VU1207WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK150

Quant Time: Dec 08 04:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

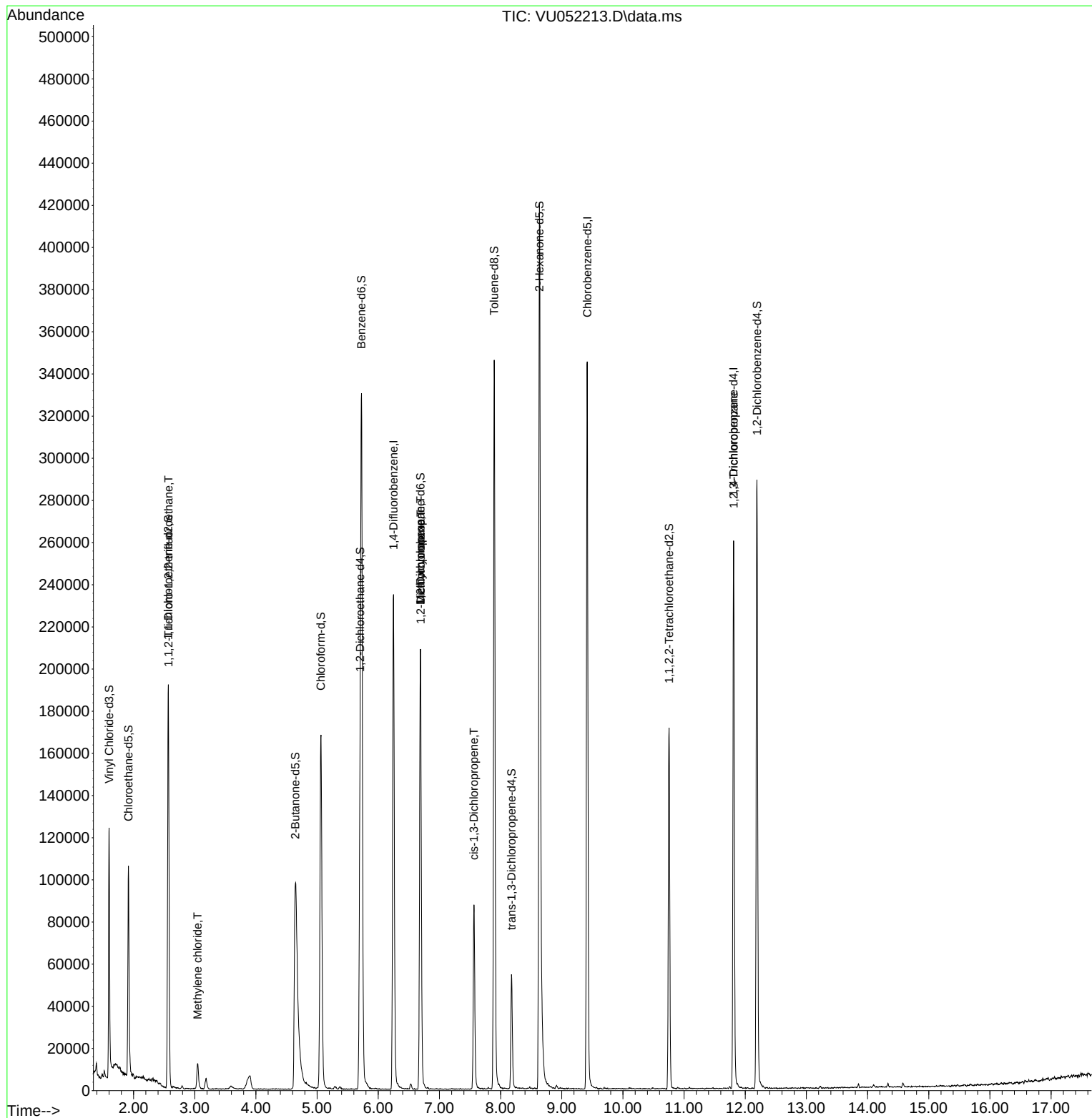
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	200155	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	90939	4.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.916	69	80933	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.568	65	35587	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.645	46	212381	60.181	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.360%
24) Chloroform-d	5.063	84	164614	5.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.000%
26) 1,2-Dichloroethane-d4	5.703	65	83578	5.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.726	84	323335	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.690	67	108631	5.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.200%
41) Toluene-d8	7.896	98	245342	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.179	79	32850	4.818	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.636	63	151287	52.356	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.720%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90292	5.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	80840	5.853	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1147	0.078	ug/L #	20
16) Methylene chloride	3.044	84	6948	0.354	ug/L	97
35) Methylcyclohexane	6.690	83	23647	0.994	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	10780	0.628	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2104	0.095	ug/L #	59
61) 1,2,3-Trichloropropane	11.812	75	9128	1.106	ug/L #	65

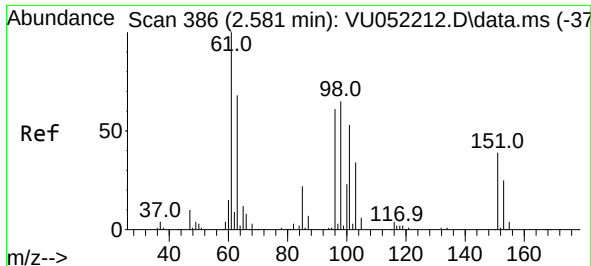
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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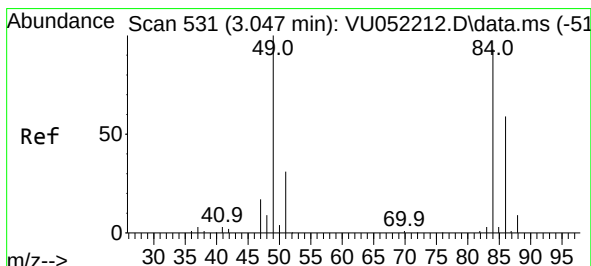
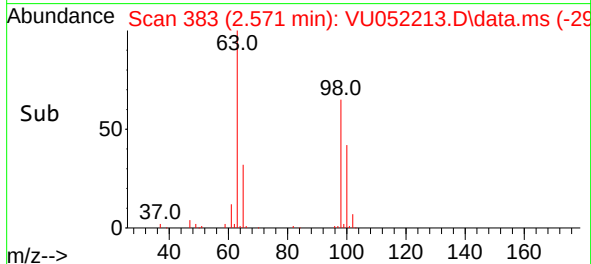
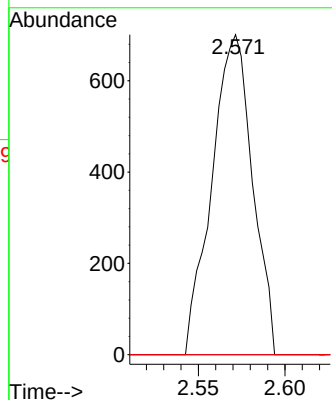
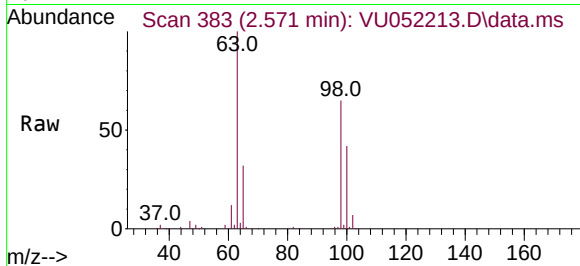




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.010 min
Lab File: VU052213.D
Acq: 07 Dec 2022 22:20

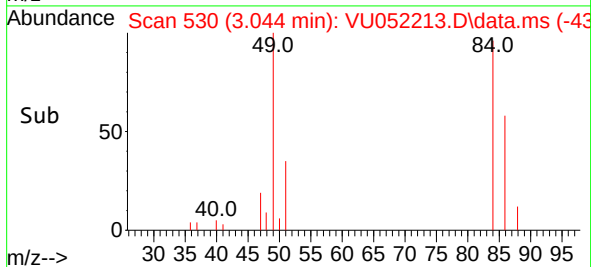
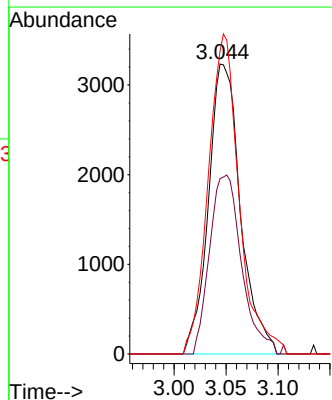
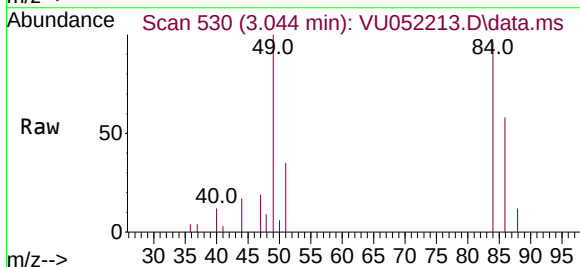
Instrument :
MSVOA_U
ClientSampleId :
VBLK150

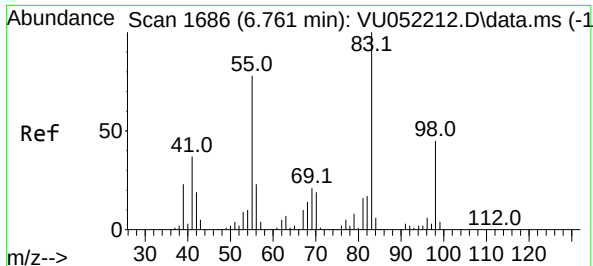
Tgt Ion:101 Resp: 1147
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.354 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052213.D
Acq: 07 Dec 2022 22:20

Tgt Ion: 84 Resp: 6948
Ion Ratio Lower Upper
84 100
86 60.5 43.8 81.4
49 104.5 75.9 141.1





#35

Methylcyclohexane

Concen: 0.994 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052213.D

Acq: 07 Dec 2022 22:20

Instrument :

MSVOA_U

ClientSampleId :

VBLK150

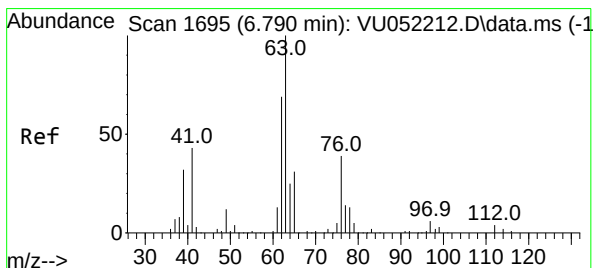
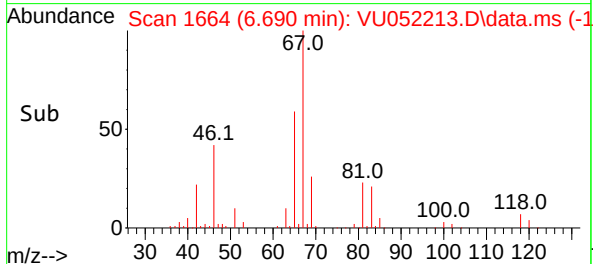
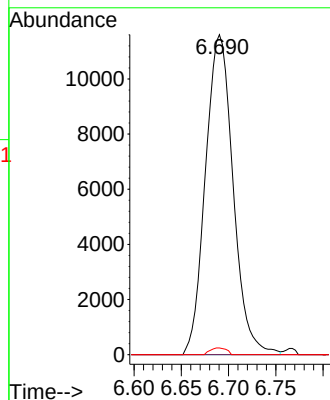
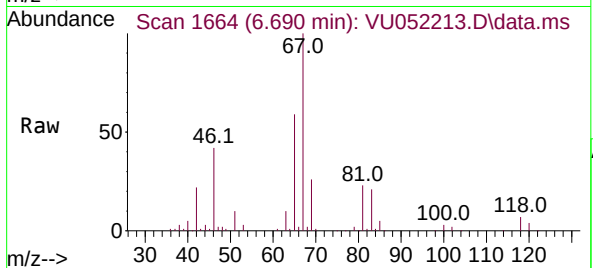
Tgt Ion: 83 Resp: 23647

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 1.2 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU052213.D

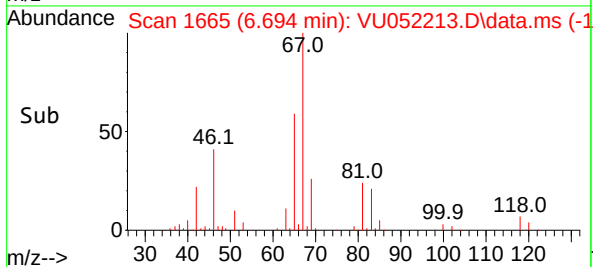
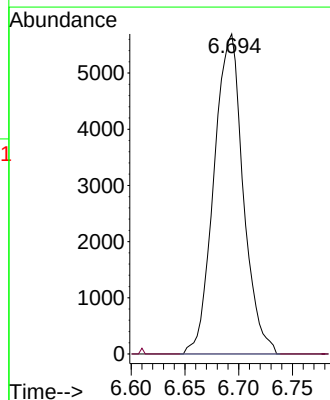
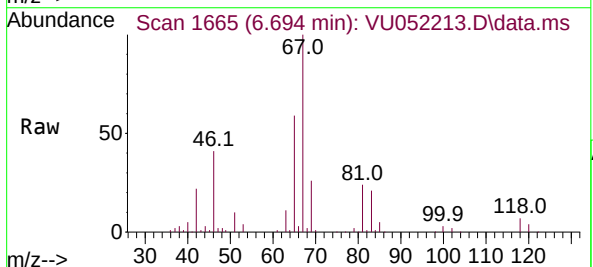
Acq: 07 Dec 2022 22:20

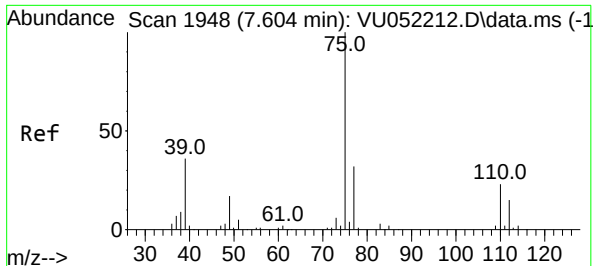
Tgt Ion: 63 Resp: 10780

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.039 min

Lab File: VU052213.D

Acq: 07 Dec 2022 22:20

Instrument :

MSVOA_U

ClientSampleId :

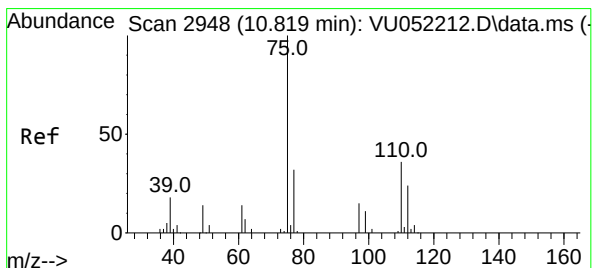
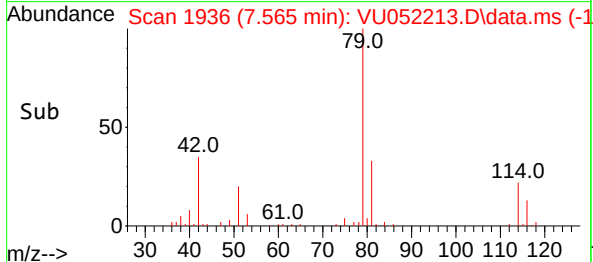
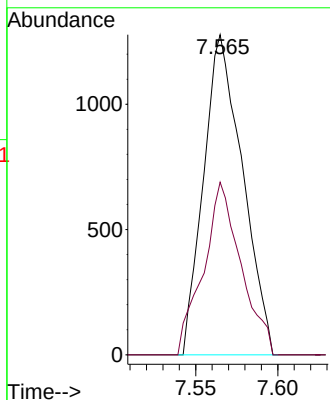
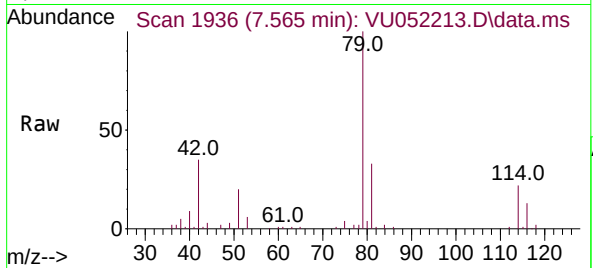
VBLK150

Tgt Ion: 75 Resp: 2104

Ion Ratio Lower Upper

75 100

77 53.9 22.0 40.8#



#61

1,2,3-Trichloropropane

Concen: 1.106 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.993 min

Lab File: VU052213.D

Acq: 07 Dec 2022 22:20

Tgt Ion: 75 Resp: 9128

Ion Ratio Lower Upper

75 100

110 0.8 28.3 42.5#

77 27.6 26.2 39.2

