

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058467.D
 Acq On : 08 Apr 2024 14:37
 Operator : MD/SY
 Sample : P2012-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:25:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

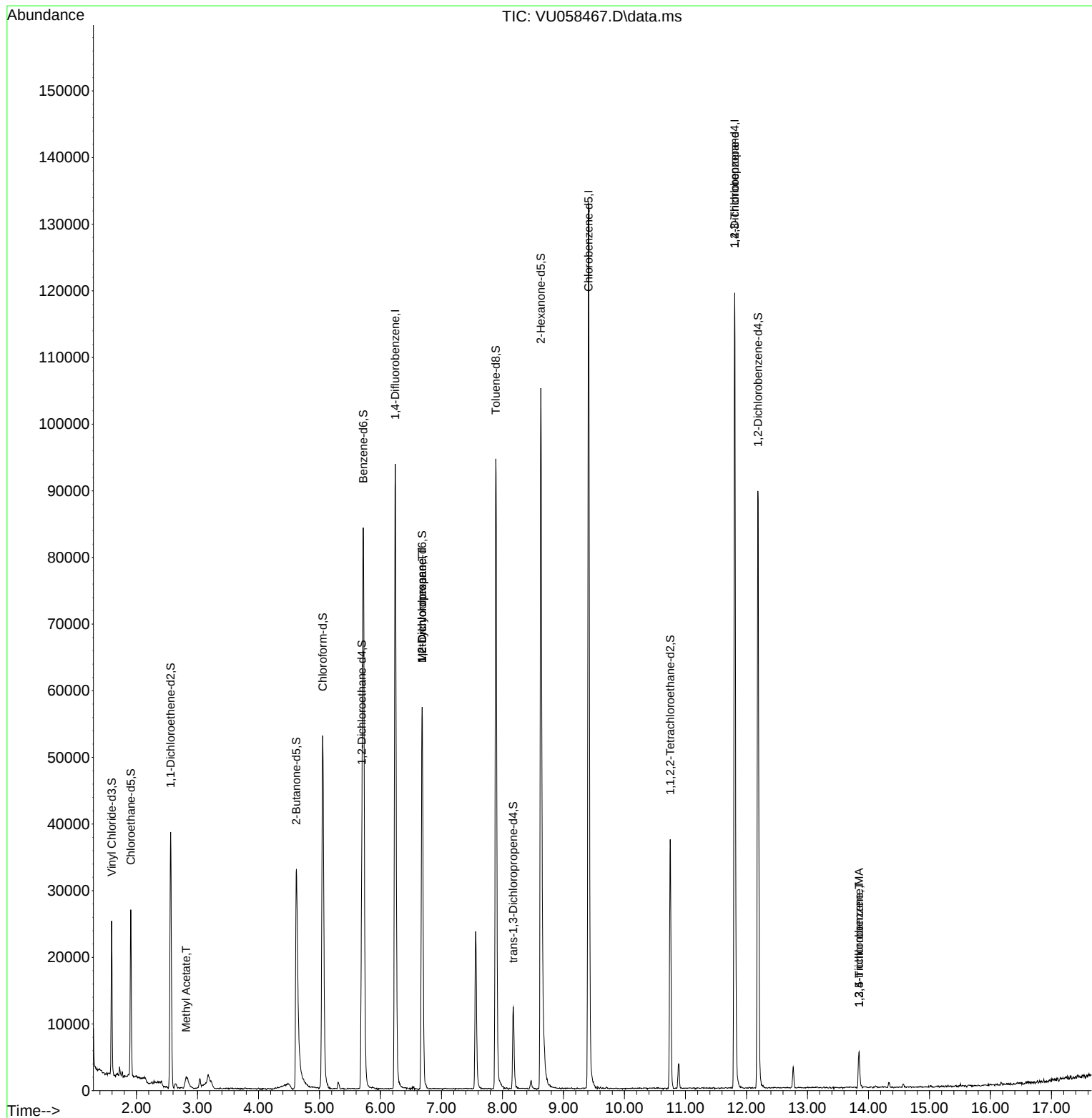
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15821	3.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.908	69	16761	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	7521	3.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.621	46	51757	50.179	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	5.052	84	43993	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	21641	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	77935	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.682	67	27336	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	64940	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.177	79	7753	4.089	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.628	63	37609	48.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19605	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	23521	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
15) Methyl Acetate	2.814	43	545	0.262	ug/L #	55
35) Methylcyclohexane	6.682	83	5792	0.582	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2996	0.434	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4448	1.393	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.846	180	2504	0.304	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	2504	0.395	ug/L	96

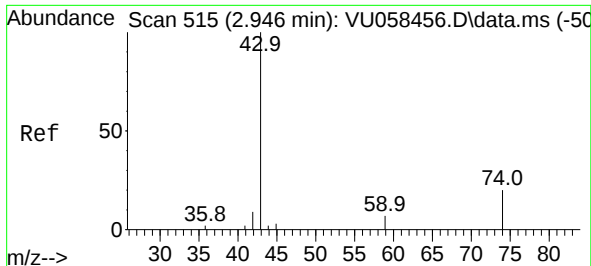
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.262 ug/L

RT: 2.814 min Scan# 41

Delta R.T. -0.132 min

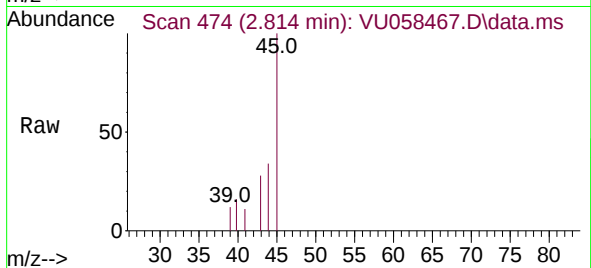
Lab File: VU058467.D

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MSVOA_U

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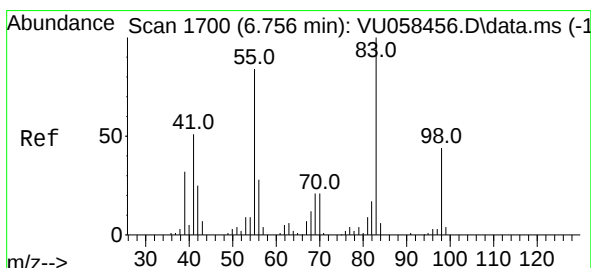
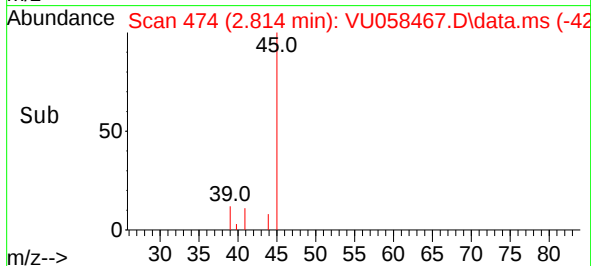
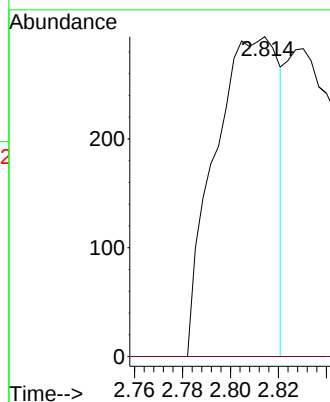


Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#35

Methylcyclohexane

Concen: 0.582 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058467.D

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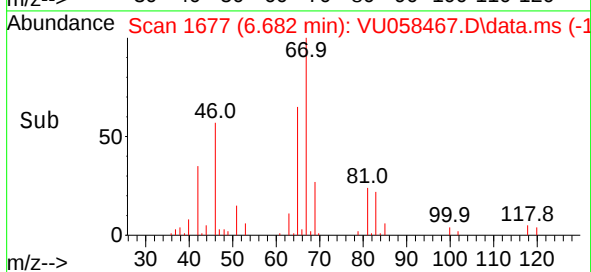
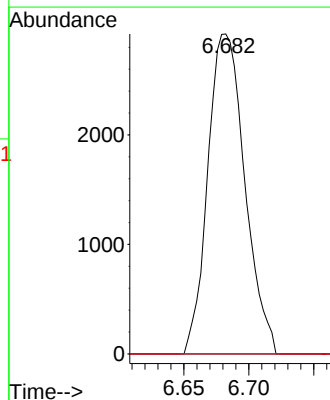
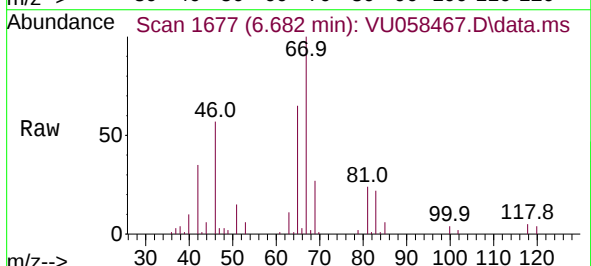
Tgt Ion: 83 Resp: 5792

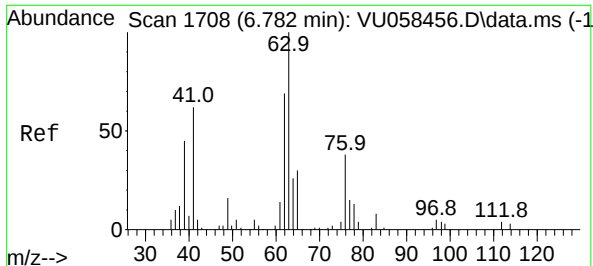
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

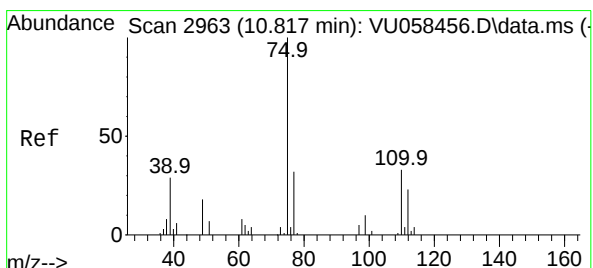
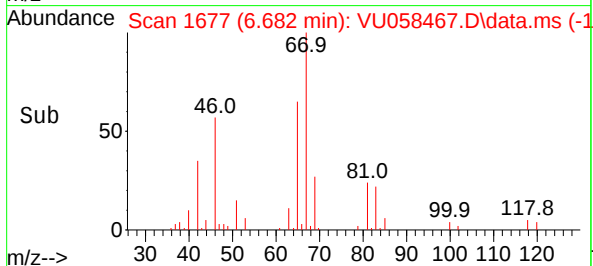
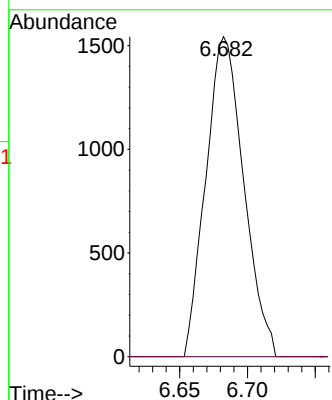
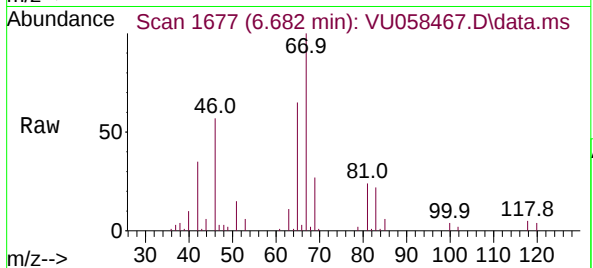




#37
1,2-Dichloropropane
Concen: 0.434 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058467.D
Acq: 08 Apr 2024 14:37

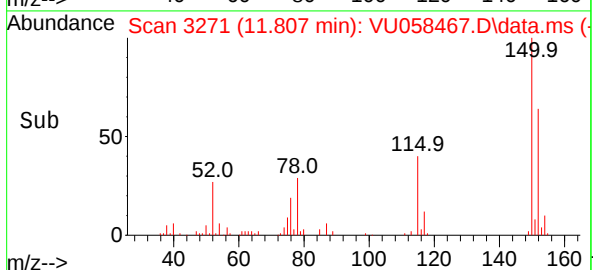
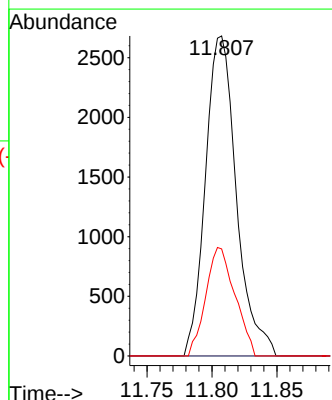
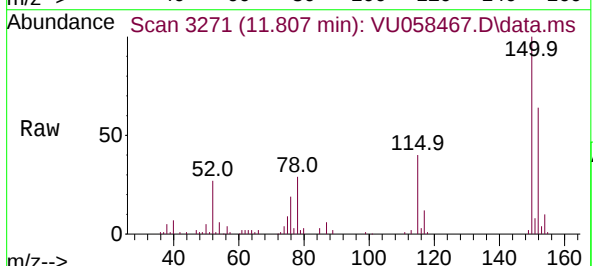
Instrument :
MSVOA_U
ClientSampleId :

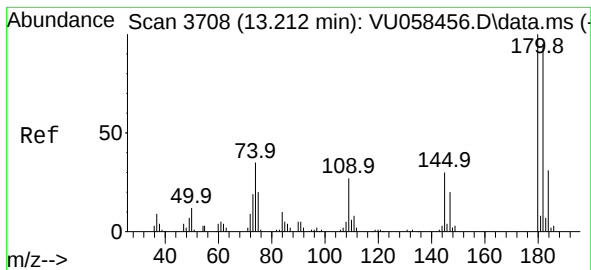
Tgt Ion: 63 Resp: 2996
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.393 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU058467.D
Acq: 08 Apr 2024 14:37

Tgt Ion: 75 Resp: 4448
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.9 25.1 37.7





#69

1,3,5-Trichlorobenzene

Concen: 0.304 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.634 min

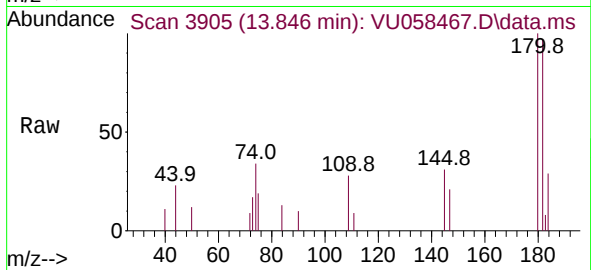
Lab File: VU058467.D

Acq: 08 Apr 2024 14:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2504

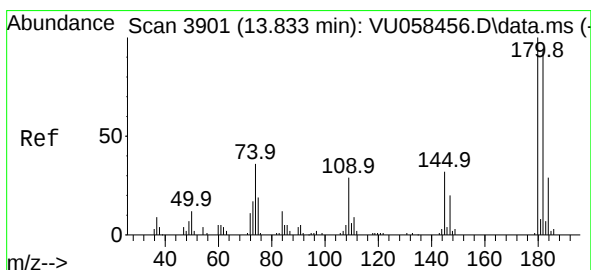
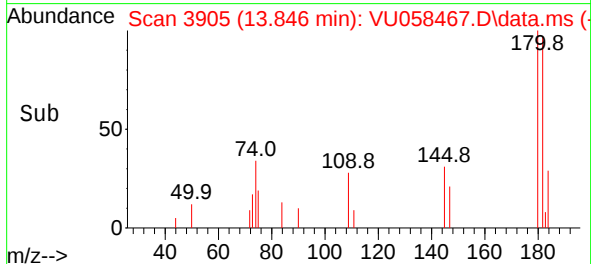
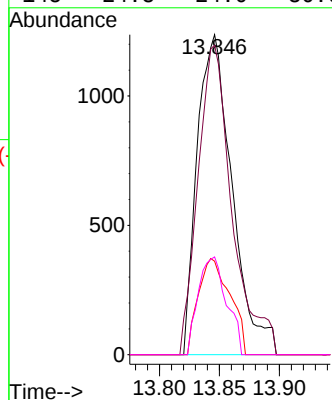
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

184 27.2 24.3 36.5

145 24.8 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.395 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

Lab File: VU058467.D

Acq: 08 Apr 2024 14:37

Tgt Ion:180 Resp: 2504

Ion Ratio Lower Upper

180 100

182 94.4 74.4 111.6

145 24.8 24.1 36.1

