

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062824\
 Data File : VU059578.D
 Acq On : 27 Jun 2024 21:28
 Operator : MD/SY
 Sample : P3006-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JMRJ2

Quant Time: Jun 28 00:56:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 28 00:50:04 2024
 Response via : Initial Calibration

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

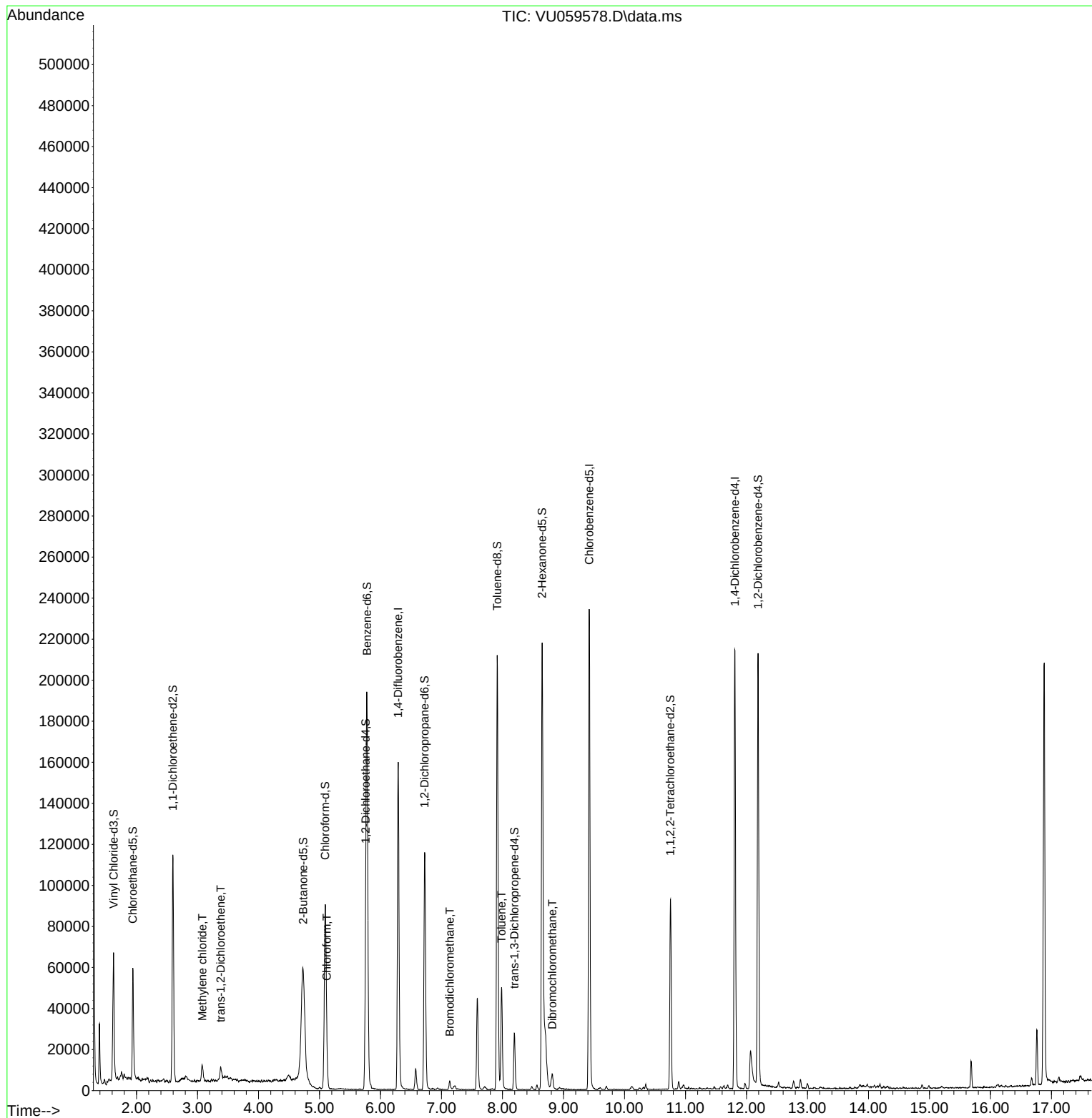
Internal Standards						
1) 1,4-Difluorobenzene	6.290	114	129014	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.421	117	138030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	61544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.624	65	43304	4.827	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.939	69	43295	5.016	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.595	65	20964	5.633	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.600%
20) 2-Butanone-d5	4.730	46	142833	77.295	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.580%#
24) Chloroform-d	5.094	84	88301	4.795	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.756	65	44548	5.022	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.778	84	176815	4.654	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.724	67	58186	4.999	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.913	98	146030	4.135	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.193	79	16986	4.660	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.650	63	75777	50.034	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	47799	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	58119	5.306	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
16) Methylene chloride	3.078	84	3761	0.347	ug/L	98
18) trans-1,2-Dichloroethene	3.380	96	2277	0.239	ug/L	92
25) Chloroform	5.119	83	6010	0.325	ug/L	97
38) Bromodichloromethane	7.135	83	3007	0.222	ug/L	96
42) Toluene	7.984	91	37695	0.849	ug/L	97
49) Dibromochloromethane	8.817	129	2819	0.318	ug/L	98

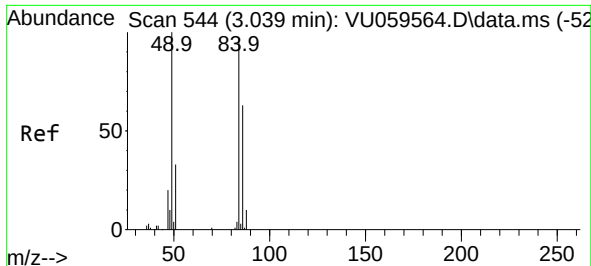
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 00:50:04 2024
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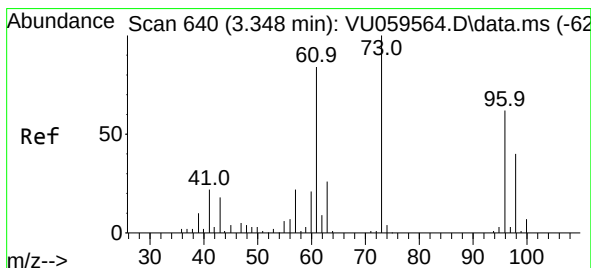
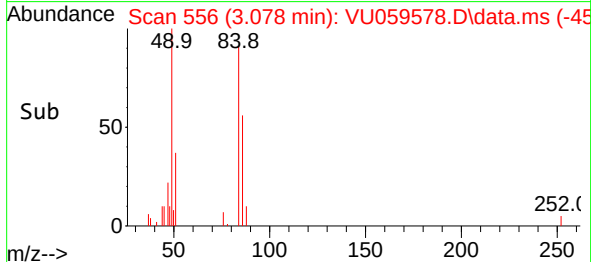
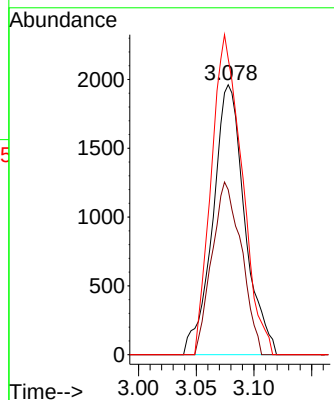
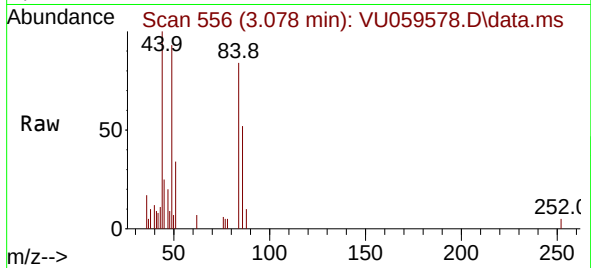




#16
Methylene chloride
Concen: 0.347 ug/L
RT: 3.078 min Scan# 51
Delta R.T. 0.039 min
Lab File: VU059578.D
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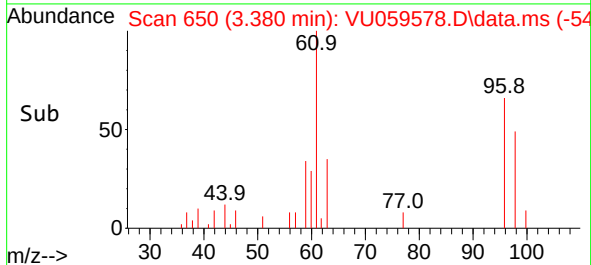
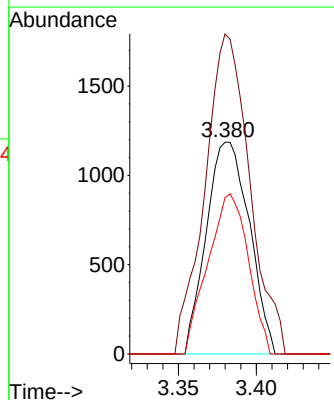
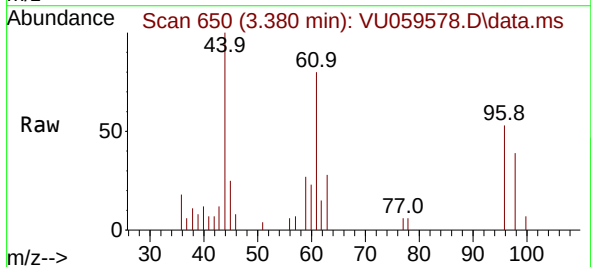
Instrument :
MSVOA_U
ClientSampleId :
JMRJ2

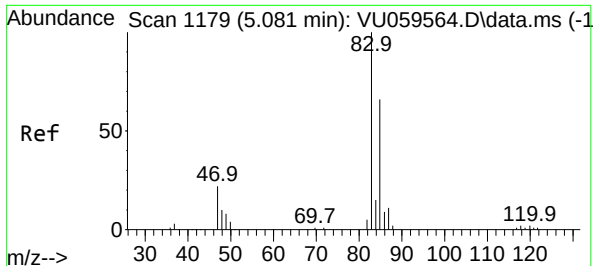
Tgt Ion: 84 Resp: 3761
Ion Ratio Lower Upper
84 100
86 61.1 42.1 78.1
49 117.9 80.6 149.8



#18
trans-1,2-Dichloroethene
Concen: 0.239 ug/L
RT: 3.380 min Scan# 650
Delta R.T. 0.032 min
Lab File: VU059578.D
Acq: 27 Jun 2024 21:28

Tgt Ion: 96 Resp: 2277
Ion Ratio Lower Upper
96 100
61 151.2 101.8 189.0
98 73.8 43.3 80.5





#25

Chloroform

Concen: 0.325 ug/L

RT: 5.119 min Scan# 1179

Delta R.T. 0.039 min

Lab File: VU059578.D

Acq: 27 Jun 2024 21:28

Instrument :

MSVOA_U

ClientSampleId :

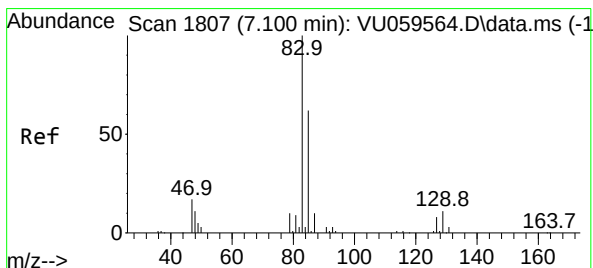
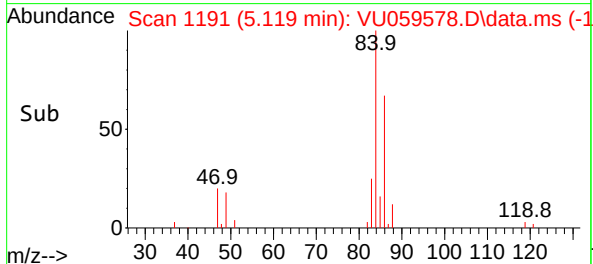
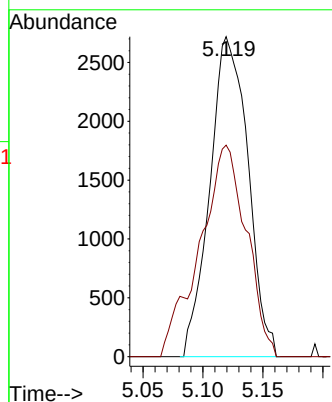
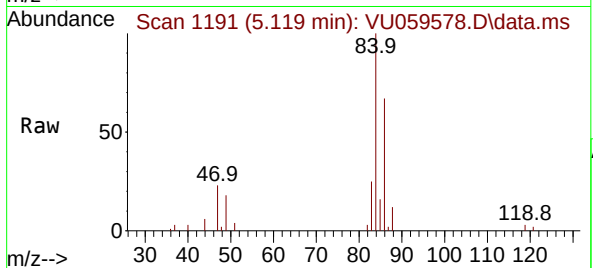
JMRJ2

Tgt Ion: 83 Resp: 6010

Ion Ratio Lower Upper

83 100

85 66.1 44.7 83.1



#38

Bromodichloromethane

Concen: 0.222 ug/L

RT: 7.135 min Scan# 1818

Delta R.T. 0.035 min

Lab File: VU059578.D

Acq: 27 Jun 2024 21:28

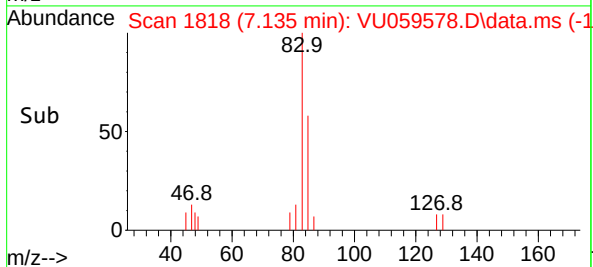
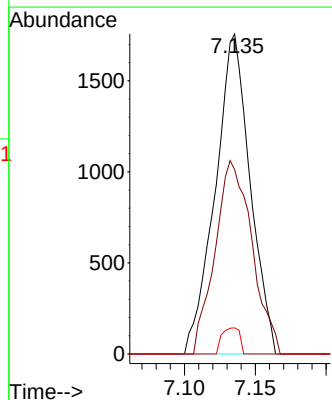
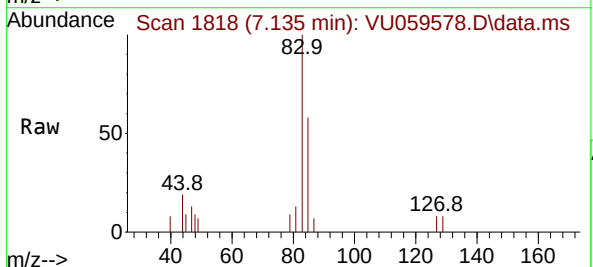
Tgt Ion: 83 Resp: 3007

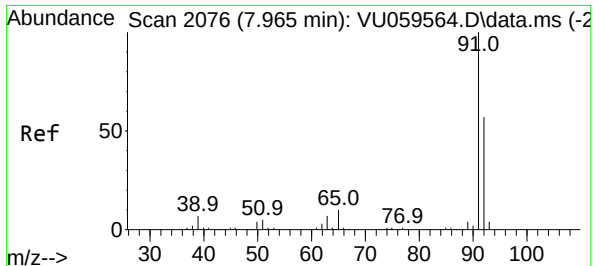
Ion Ratio Lower Upper

83 100

85 57.7 42.7 79.3

127 8.1 6.1 9.1





#42

Toluene

Concen: 0.849 ug/L

RT: 7.984 min Scan# 2076

Delta R.T. 0.019 min

Lab File: VU059578.D

Acq: 27 Jun 2024 21:28

Instrument :

MSVOA_U

ClientSampleId :

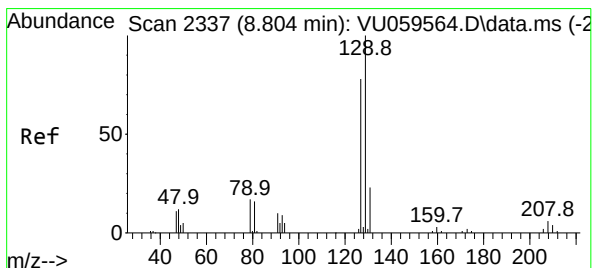
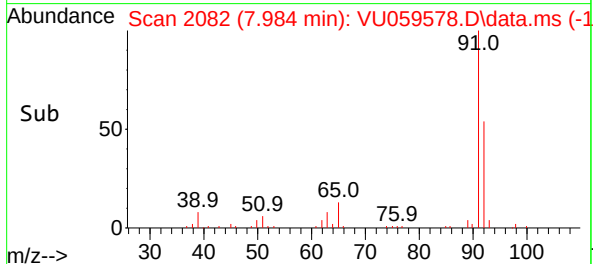
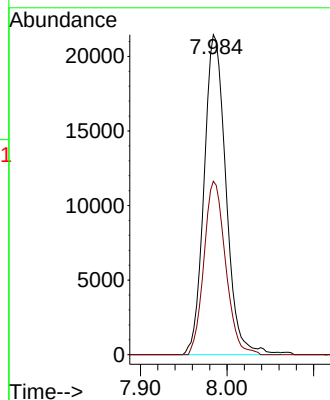
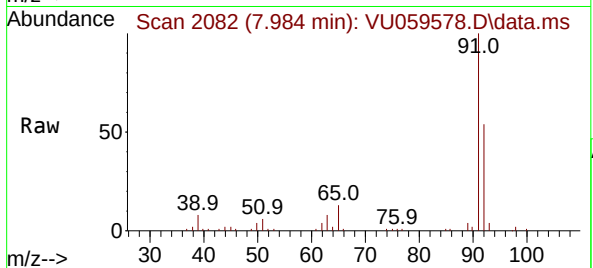
JMRJ2

Tgt Ion: 91 Resp: 37695

Ion Ratio Lower Upper

91 100

92 54.2 39.7 73.7



#49

Dibromochloromethane

Concen: 0.318 ug/L

RT: 8.817 min Scan# 2341

Delta R.T. 0.013 min

Lab File: VU059578.D

Acq: 27 Jun 2024 21:28

Tgt Ion: 129 Resp: 2819

Ion Ratio Lower Upper

129 100

127 73.5 52.5 97.5

