

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120522\
 Data File : VV029396.D
 Acq On : 05 Dec 2022 11:07
 Operator : SY/MD
 Sample : VV1205WBL04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK283

Quant Time: Dec 05 23:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

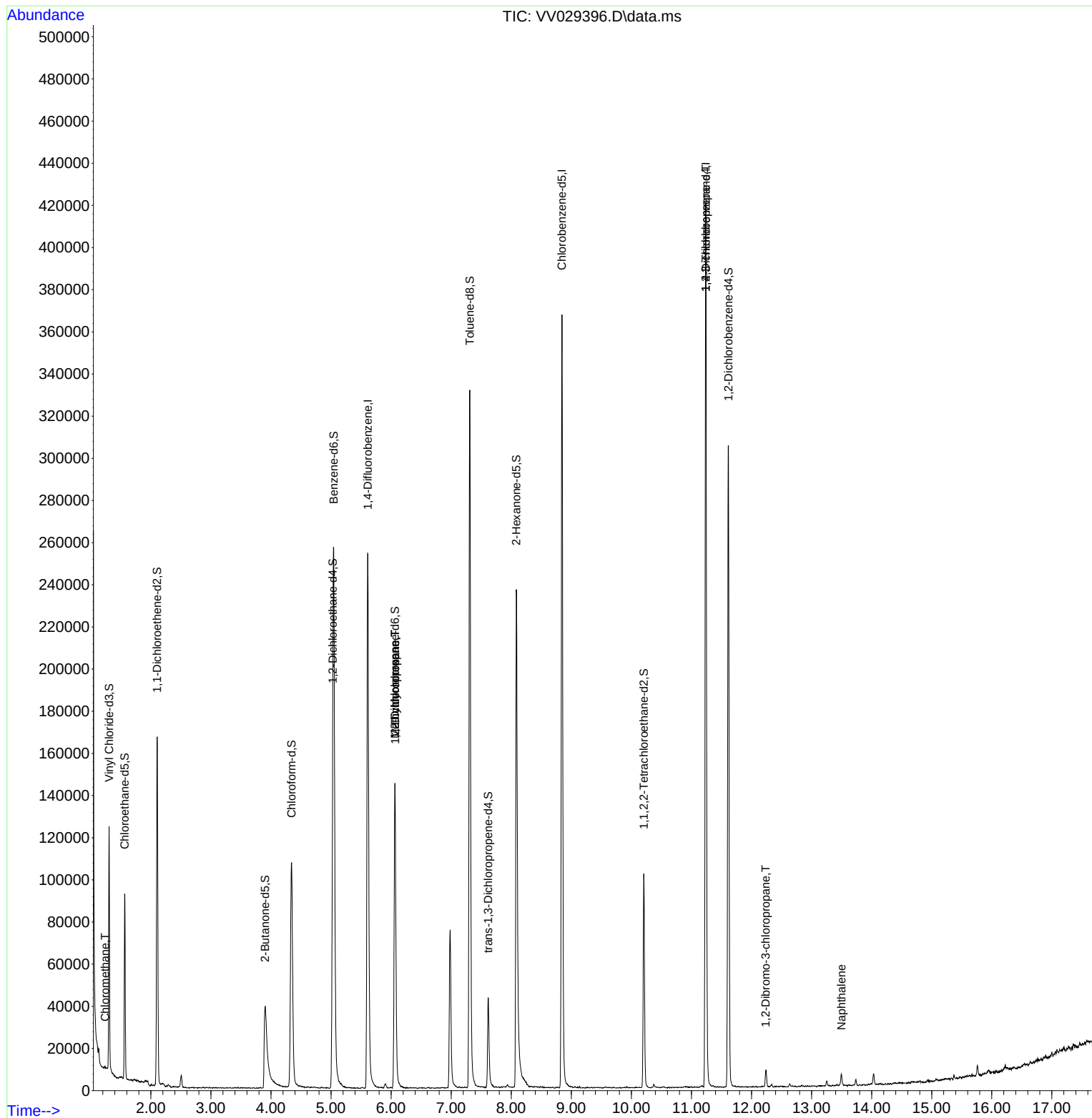
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	238042	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	219646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	113996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71895	4.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.564	69	55344	5.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.105	63	85294	3.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.902	46	88549	36.133	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.260%
24) Chloroform-d	4.342	84	117905	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.027	65	53751	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.043	84	260499	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.063	67	76888	4.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.310	98	236955	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.616	79	27934	4.248	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.085	63	99966	42.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.280%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	51059	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	85067	4.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
3) Chloromethane	1.240	50	966	0.059	ug/L	98
35) Methylcyclohexane	6.063	83	18181	0.643	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	7716	0.499	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	13239	1.675	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.236	75	252	0.162	ug/L #	1
71) Naphthalene	13.496	128	5480	0.276	ug/L #	95

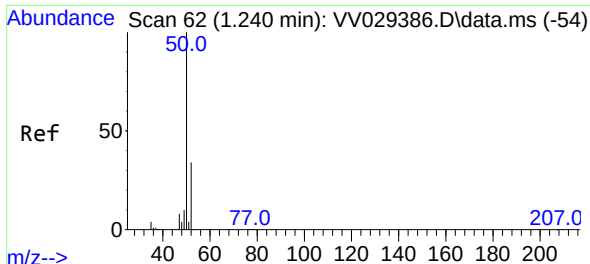
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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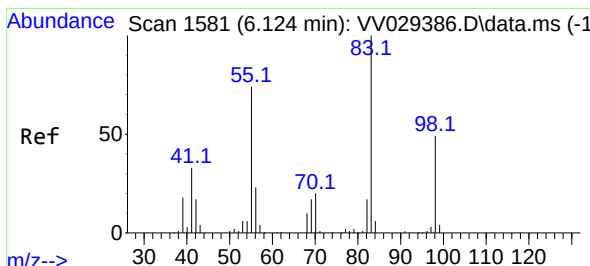
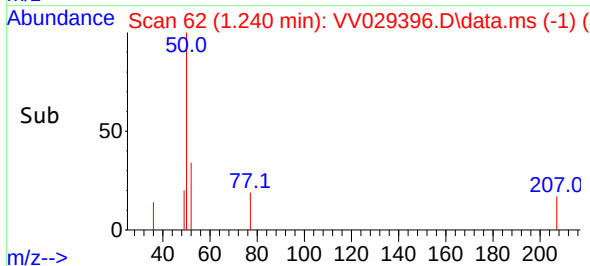
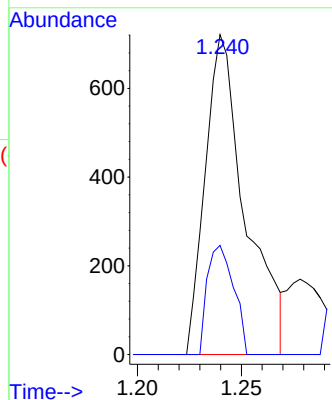
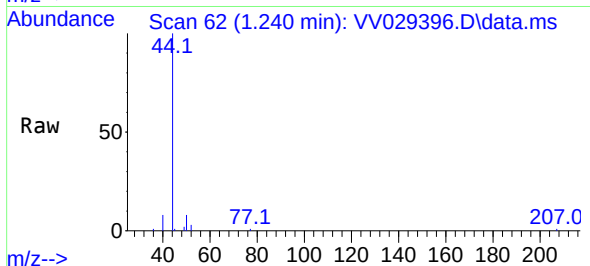




#3
Chloromethane
Concen: 0.059 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029396.D
Acq: 05 Dec 2022 11:07

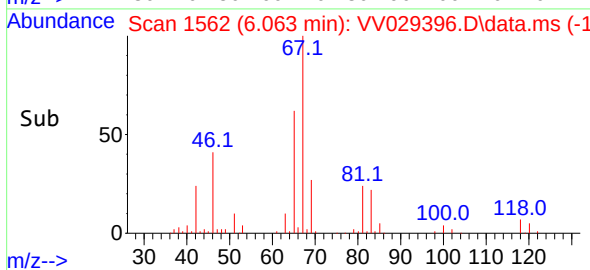
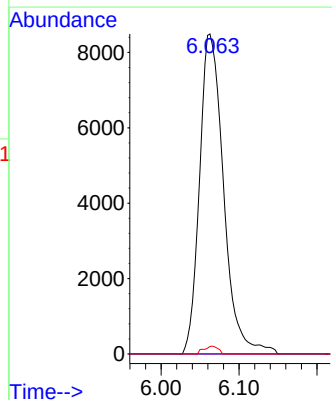
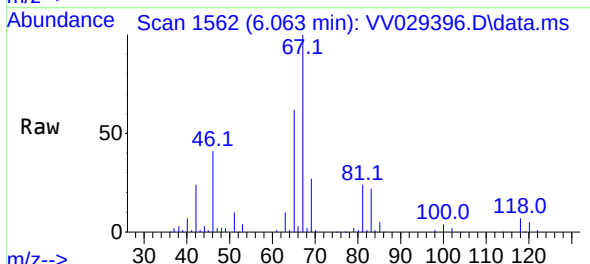
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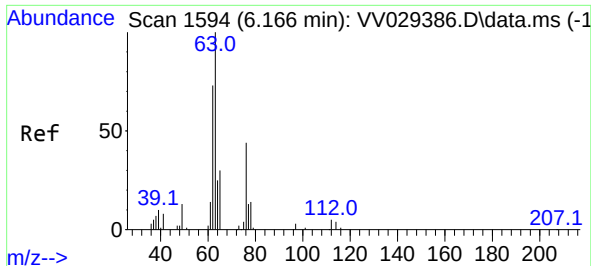
Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.2



#35
Methylcyclohexane
Concen: 0.643 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029396.D
Acq: 05 Dec 2022 11:07

Tgt Ion: 83 Resp: 18181
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 1.4 39.4 59.2#

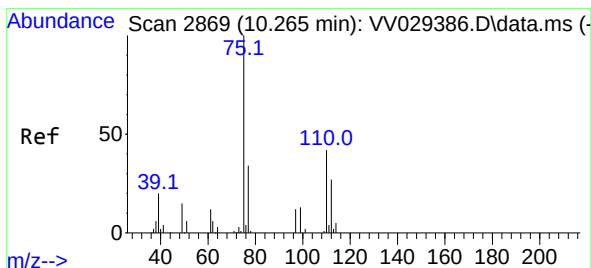
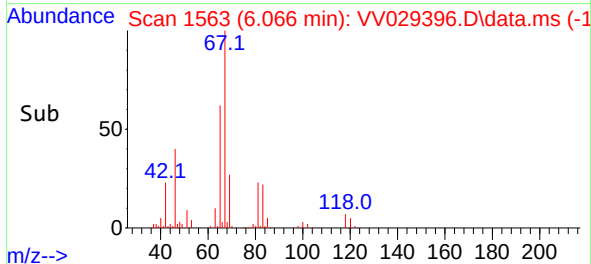
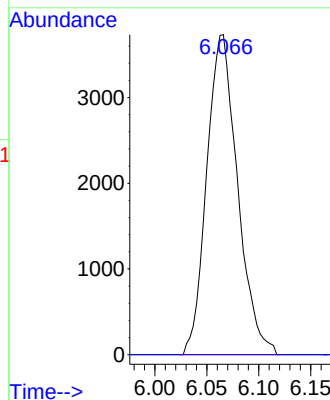
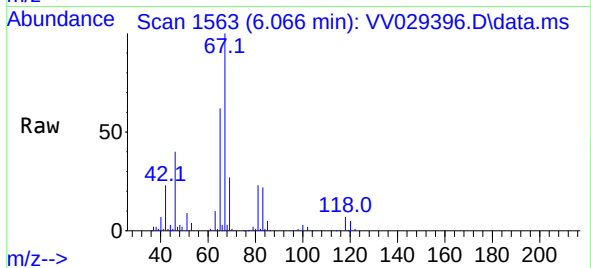




#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029396.D
Acq: 05 Dec 2022 11:07

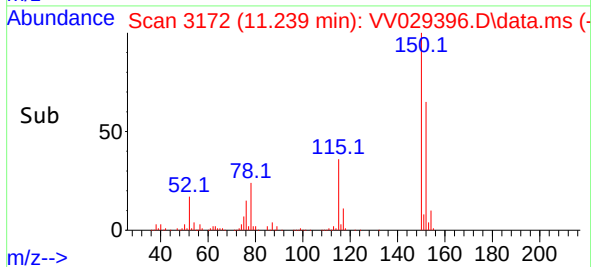
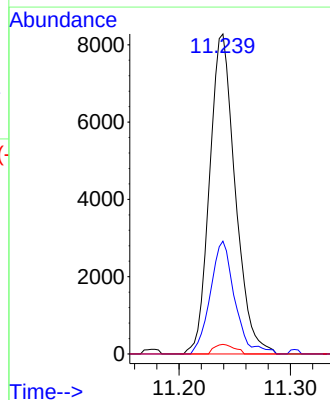
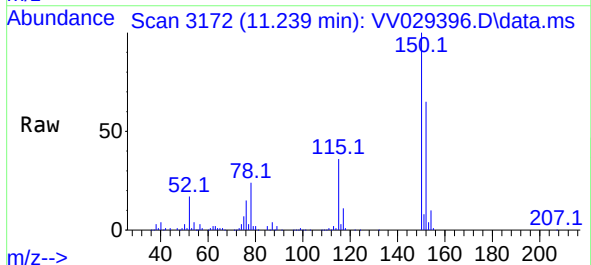
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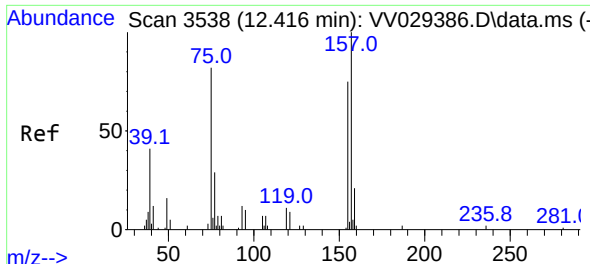
Tgt Ion: 63 Resp: 7716
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#61
1,2,3-Trichloropropane
Concen: 1.675 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029396.D
Acq: 05 Dec 2022 11:07

Tgt Ion: 75 Resp: 13239
Ion Ratio Lower Upper
75 100
77 33.7 26.7 40.1
110 2.4 32.2 48.4#

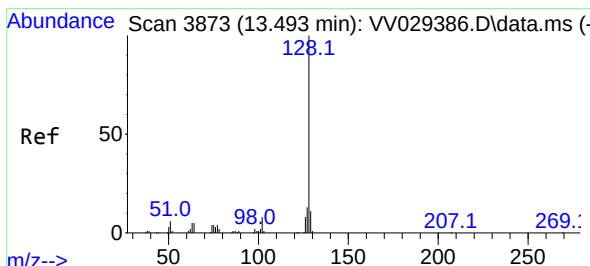
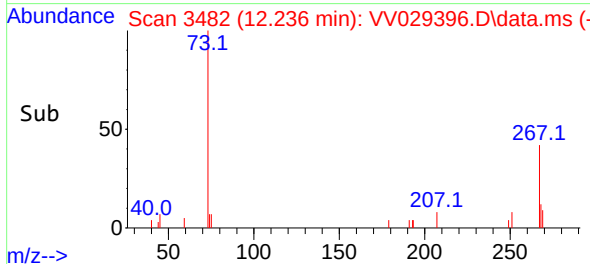
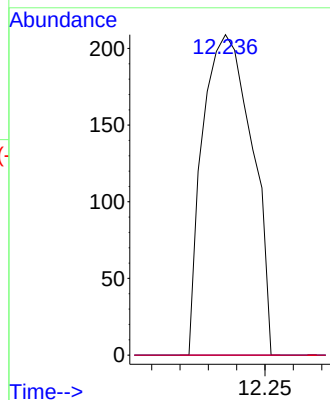
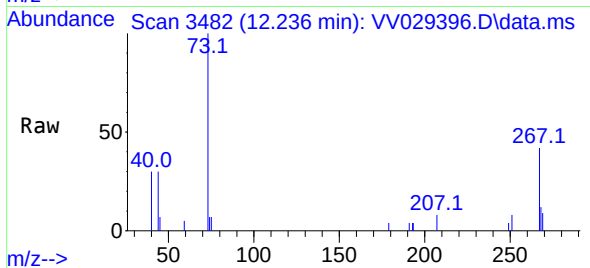




#68
1,2-Dibromo-3-chloropropane
Concen: 0.162 ug/L
RT: 12.236 min Scan# 341
Delta R.T. -0.180 min
Lab File: VV029396.D
Acq: 05 Dec 2022 11:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK283

Tgt Ion: 75 Resp: 252
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#



#71
Naphthalene
Concen: 0.276 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029396.D
Acq: 05 Dec 2022 11:07

Tgt Ion: 128 Resp: 5480
Ion Ratio Lower Upper
128 100
129 7.5 8.9 13.3#
127 12.7 10.6 15.8

