

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022089.D
 Acq On : 02 Sep 2021 21:25
 Operator : SY/MD
 Sample : M3647-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 01:04:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

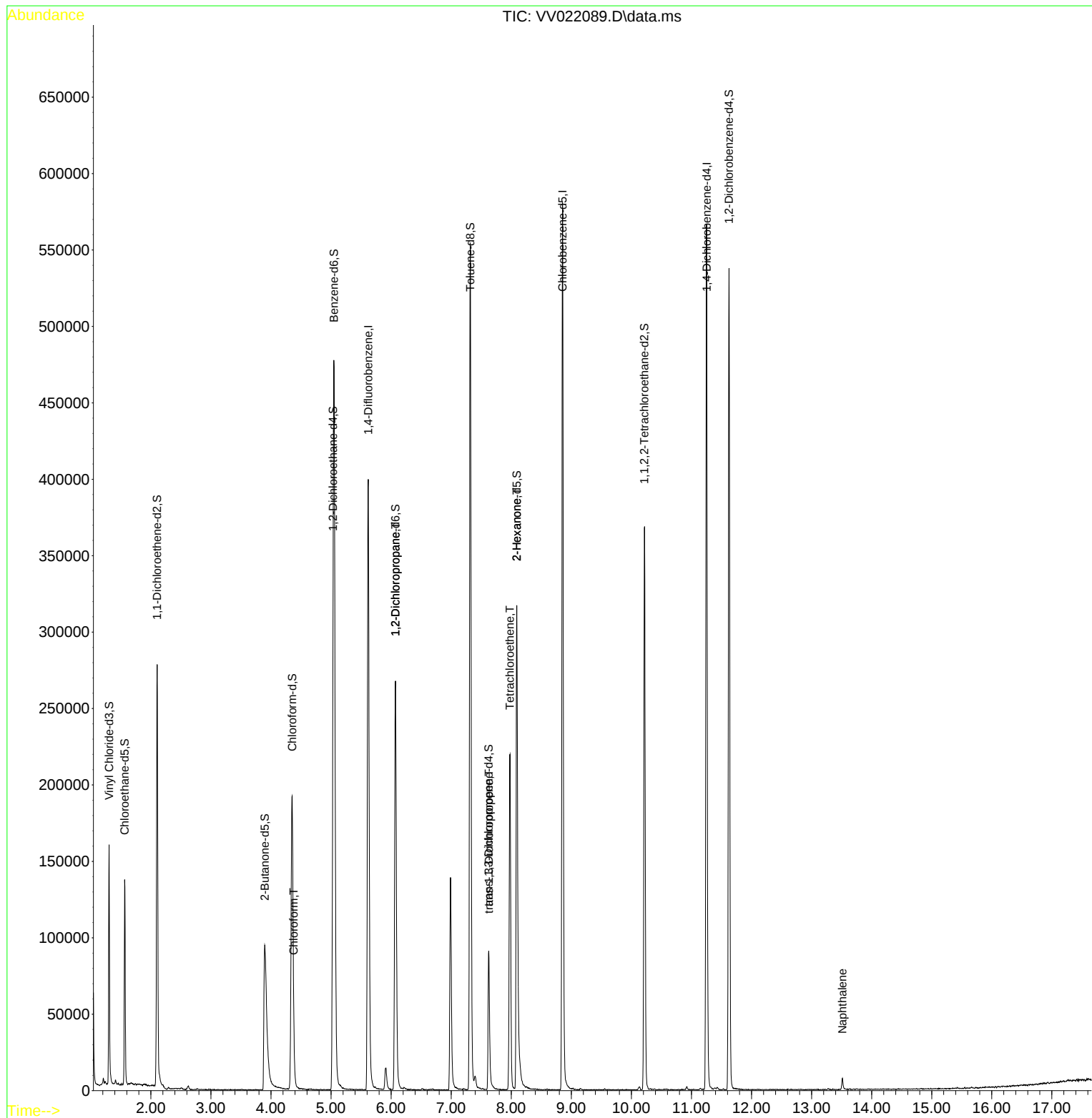
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	361964	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	332097	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	153413	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99780	39.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.620%
7) Chloroethane-d5	1.564	69	80953	41.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	2.105	63	141274	34.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.160%
21) 2-Butanone-d5	3.896	46	176792	102.840	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	4.352	84	203402	44.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.034	65	126353	46.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
32) Benzene-d6	5.050	84	423743	47.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	6.072	67	134191	47.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.740%
41) Toluene-d8	7.317	98	375678	44.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	7.625	79	55290	41.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.020%
47) 2-Hexanone-d5	8.091	63	113707	104.613	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.610%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	176536	48.659	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.320%
66) 1,2-Dichlorobenzene-d4	11.625	152	145150	48.128	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
Target Compounds						
					Qvalue	
25) Chloroform	4.378	83	3536	0.743	ug/L	87
37) 1,2-Dichloropropane	6.072	63	14702	5.870	ug/L #	86
44) trans-1,3-Dichloropropene	7.628	75	2522	0.701	ug/L	92
46) Tetrachloroethene	7.979	164	51698	24.293	ug/L	98
48) 2-Hexanone	8.091	43	12417	4.713	ug/L #	69
71) Naphthalene	13.512	128	6026	0.651	ug/L #	93

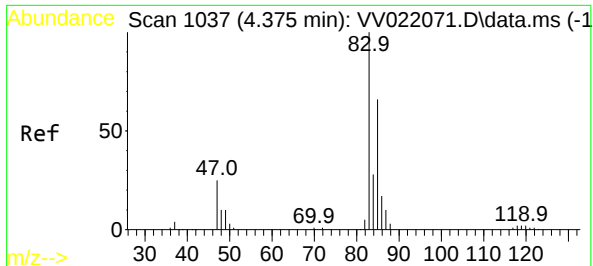
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 03 00:59:14 2021
Response via : Initial Calibration

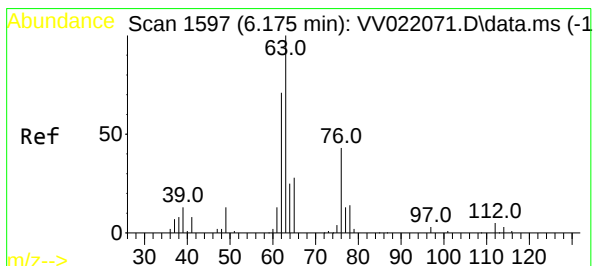
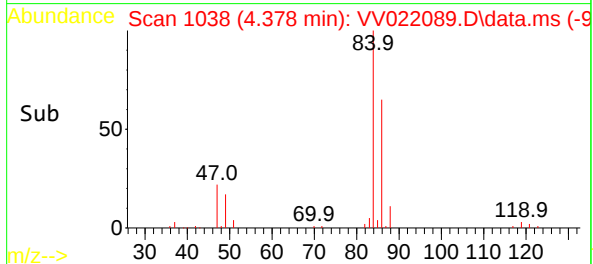
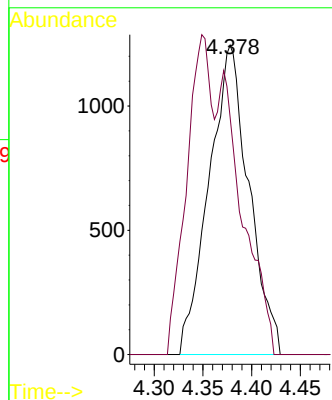
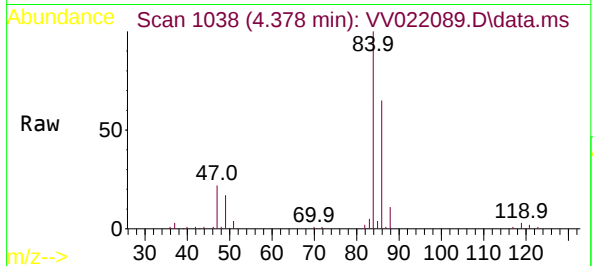




#25
Chloroform
Concen: 0.743 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022089.D
Acq: 02 Sep 2021 21:25

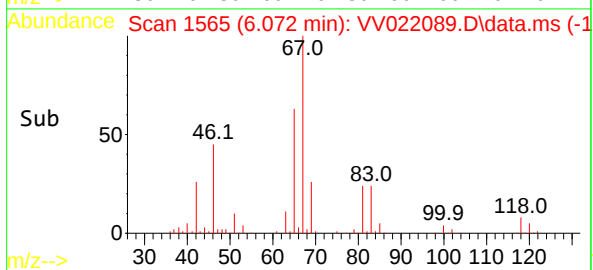
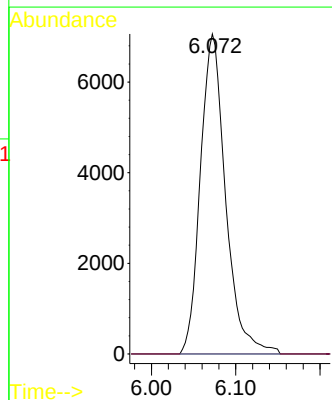
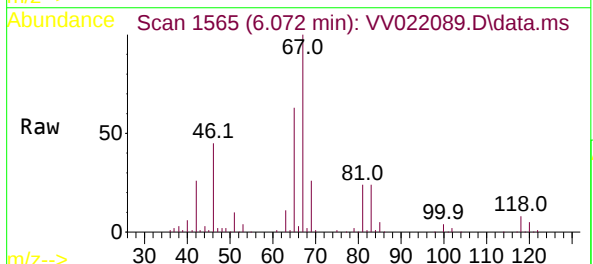
Instrument :
MSVOA_V
ClientSampled :

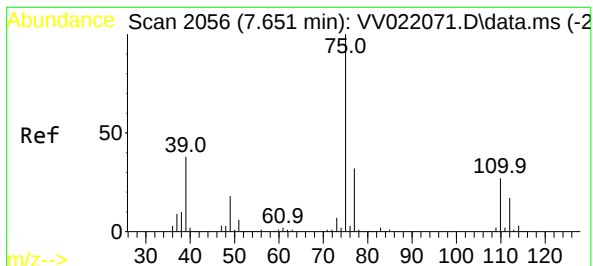
Tgt Ion: 83 Resp: 3536
Ion Ratio Lower Upper
83 100
85 76.7 46.3 85.9



#37
1,2-Dichloropropane
Concen: 5.870 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022089.D
Acq: 02 Sep 2021 21:25

Tgt Ion: 63 Resp: 14702
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



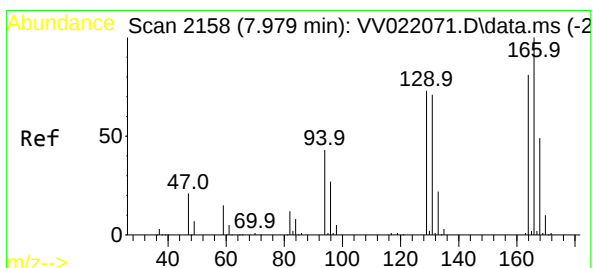
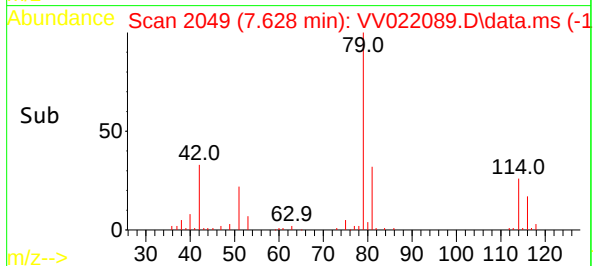
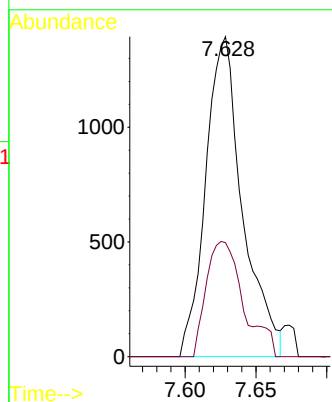
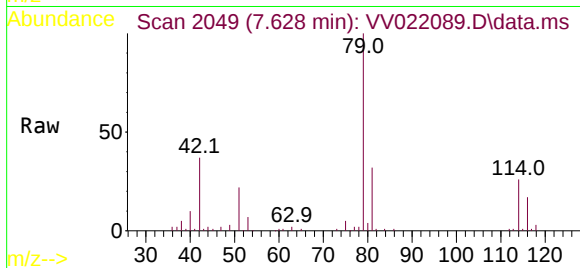


#44

trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.022 min
Lab File: VV022089.D
Acq: 02 Sep 2021 21:25

Instrument :
MSVOA_V
ClientSampled :

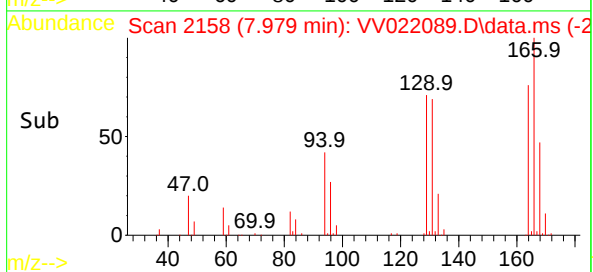
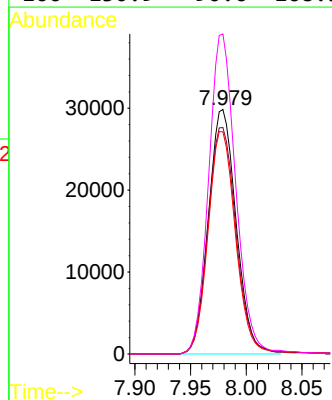
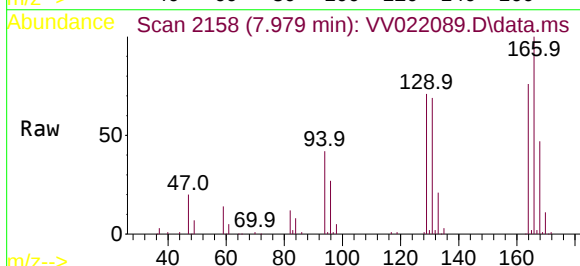
Tgt Ion: 75 Resp: 2522
Ion Ratio Lower Upper
75 100
77 35.6 21.8 40.6

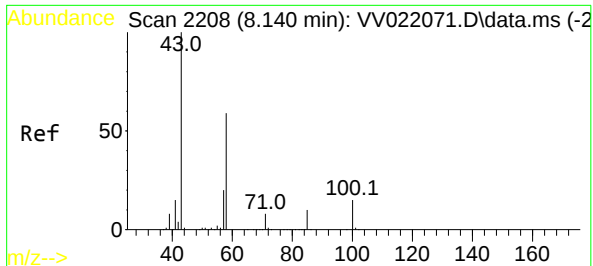


#46

Tetrachloroethene
Concen: 24.293 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV022089.D
Acq: 02 Sep 2021 21:25

Tgt Ion:164 Resp: 51698
Ion Ratio Lower Upper
164 100
129 92.6 62.9 116.9
131 90.8 61.0 113.4
166 130.9 90.6 168.3

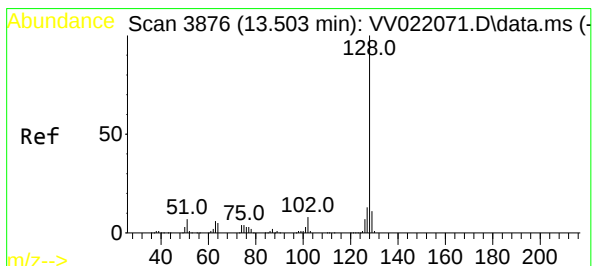
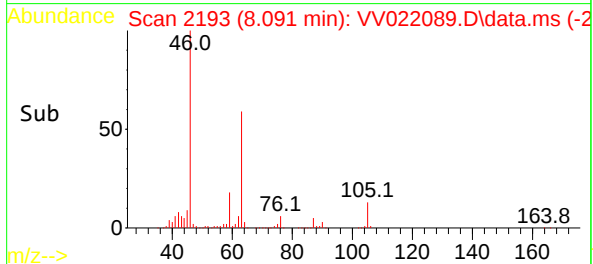
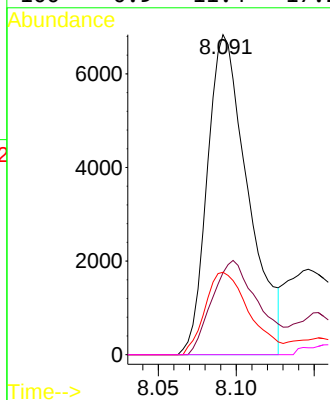
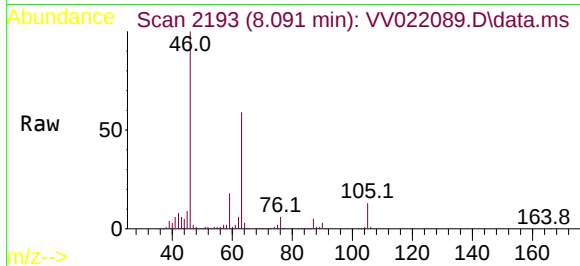




#48
2-Hexanone
Concen: 4.713 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022089.D
Acq: 02 Sep 2021 21:25

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43	Resp: 12417
Ion Ratio	Lower Upper
43 100	
58 33.7	47.5 71.3#
57 28.1	15.9 23.9#
100 0.9	11.4 17.2#



#71
Naphthalene
Concen: 0.651 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022089.D
Acq: 02 Sep 2021 21:25

Tgt Ion: 128	Resp: 6026
Ion Ratio	Lower Upper
128 100	
127 8.0	10.1 15.1#
129 11.2	8.7 13.1

