

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060324\
 Data File : VD079125.D
 Acq On : 03 Jun 2024 15:51
 Operator : RP/MD
 Sample : P2642-26
 Misc : 4.40G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 04 05:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 01 00:34:30 2024
 Response via : Initial Calibration

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

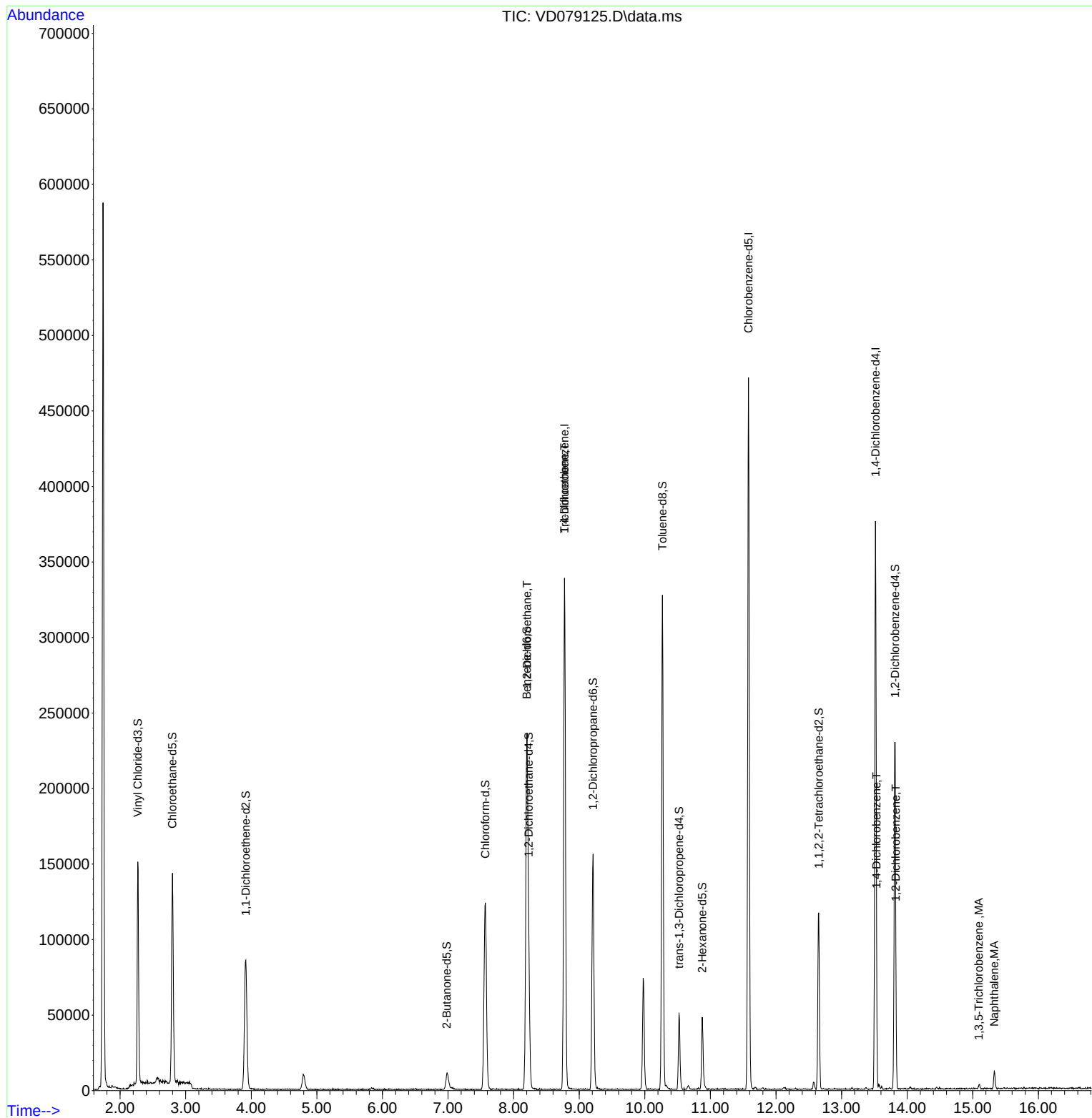
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	316612	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	286894	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	107107	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	137115	14.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.280%
7) Chloroethane-d5	2.799	69	145398	15.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.720%
11) 1,1-Dichloroethene-d2	3.917	65	24067	13.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.640%
21) 2-Butanone-d5	6.981	46	19501	26.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.340%
24) Chloroform-d	7.569	84	136810	15.454	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.800%
26) 1,2-Dichloroethane-d4	8.228	65	59432	14.553	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	58.200%#
32) Benzene-d6	8.199	84	271178	17.051	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.200%
36) 1,2-Dichloropropane-d6	9.210	67	79064	17.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.040%#
41) Toluene-d8	10.269	98	230202	15.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.840%
43) trans-1,3-Dichloroprop...	10.522	79	28765	14.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.760%
47) 2-Hexanone-d5	10.875	63	15497	26.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.340%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60163	14.826	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	59.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	67186	18.176	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.720%#
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.205	62	1221	0.243	ug/L #	72
34) Trichloroethene	8.775	95	8776	1.994	ug/L #	1
65) 1,4-Dichlorobenzene	13.534	146	1545	0.214	ug/L #	84
67) 1,2-Dichlorobenzene	13.828	146	1962	0.312	ug/L #	75
69) 1,3,5-Trichlorobenzene	15.092	180	660	0.154	ug/L #	22
71) Naphthalene	15.328	128	9849	1.478	ug/L #	94

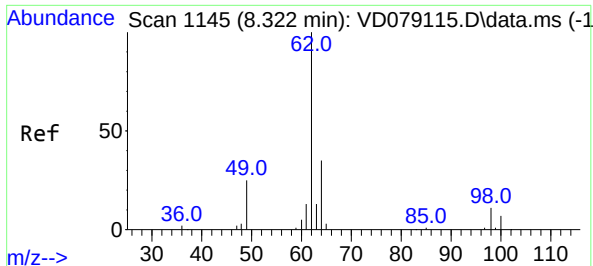
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 01 00:34:30 2024
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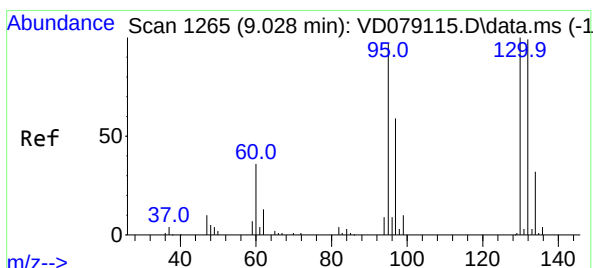
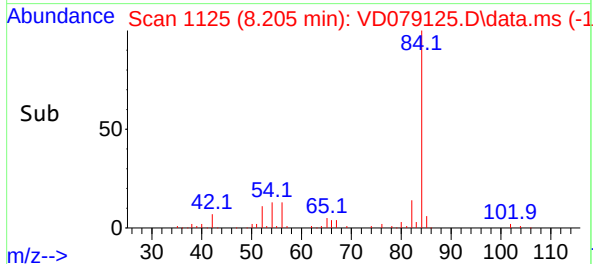
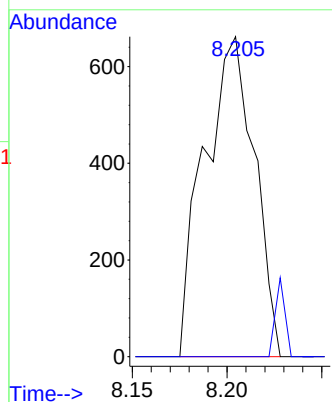
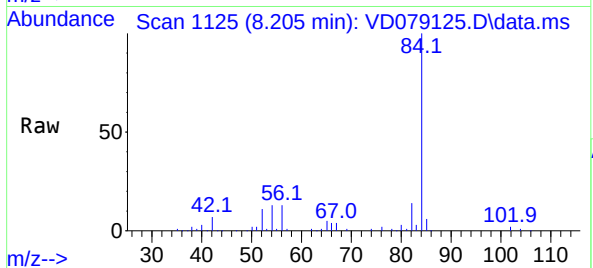




#27
1,2-Dichloroethane
Concen: 0.243 ug/L
RT: 8.205 min Scan# 1145
Delta R.T. -0.123 min
Lab File: VD079125.D
Acq: 03 Jun 2024 15:51

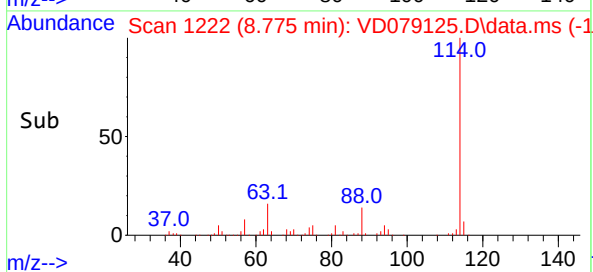
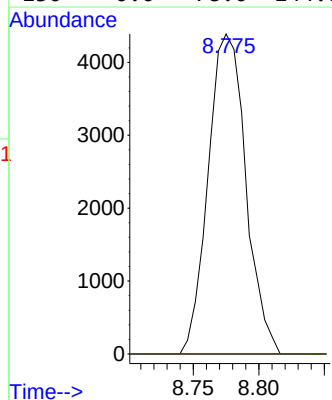
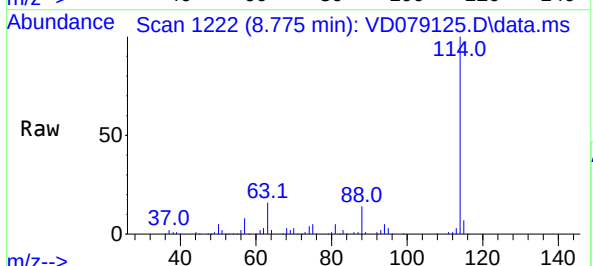
Instrument :
MSVOA_D
ClientSampleId :

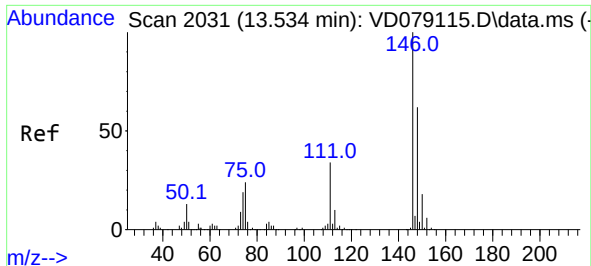
Tgt Ion: 62 Resp: 1221
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 1.994 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD079125.D
Acq: 03 Jun 2024 15:51

Tgt Ion: 95 Resp: 8776
Ion Ratio Lower Upper
95 100
97 0.0 44.6 82.8#
132 0.0 74.9 139.1#
130 0.0 78.0 144.8#

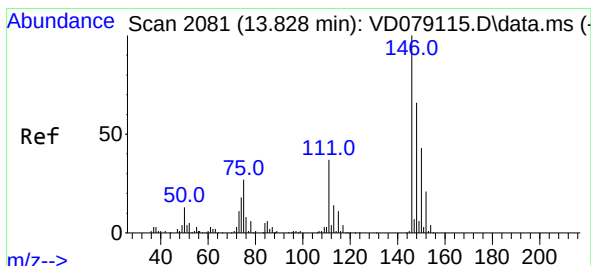
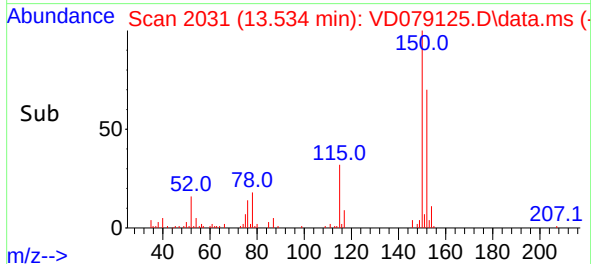
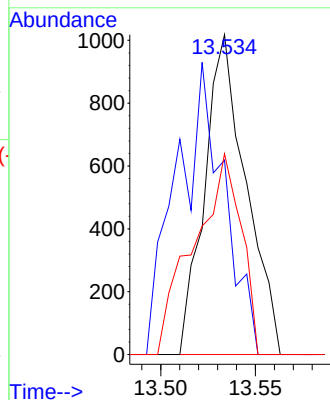
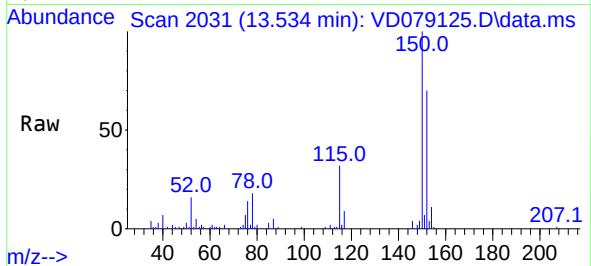




#65
1,4-Dichlorobenzene
Concen: 0.214 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079125.D
Acq: 03 Jun 2024 15:51

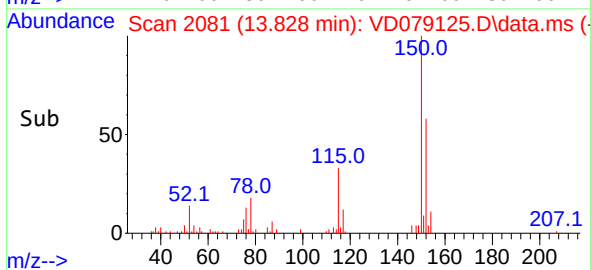
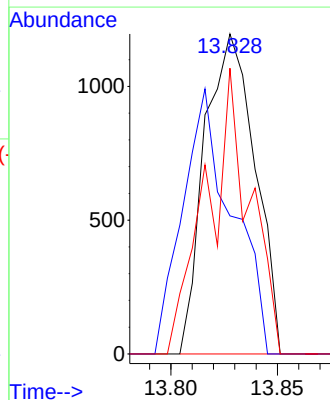
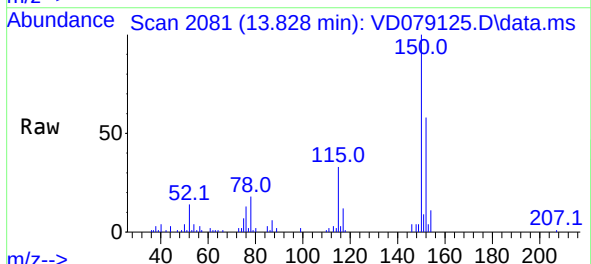
Instrument :
MSVOA_D
ClientSampleId :

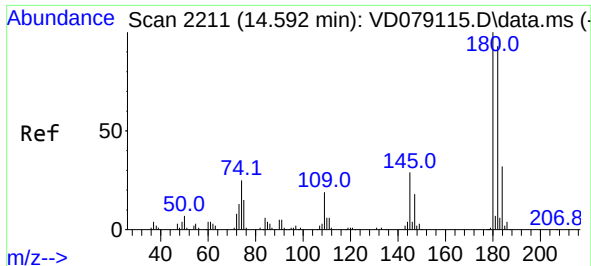
Tgt Ion:146 Resp: 1545
Ion Ratio Lower Upper
146 100
111 60.8 26.3 48.9#
148 62.8 43.1 80.1



#67
1,2-Dichlorobenzene
Concen: 0.312 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079125.D
Acq: 03 Jun 2024 15:51

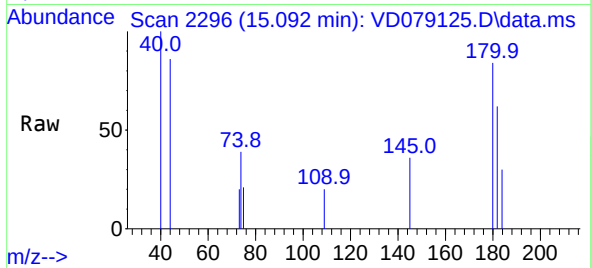
Tgt Ion:146 Resp: 1962
Ion Ratio Lower Upper
146 100
111 43.1 29.1 43.7
148 89.3 51.2 76.8#





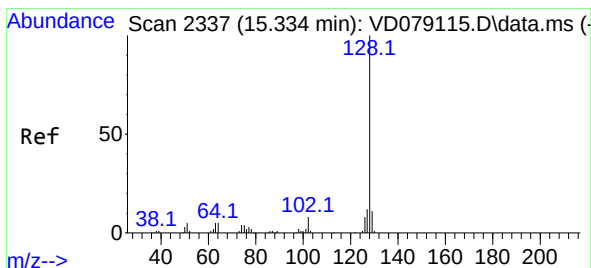
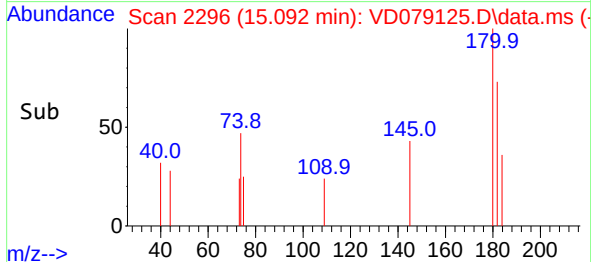
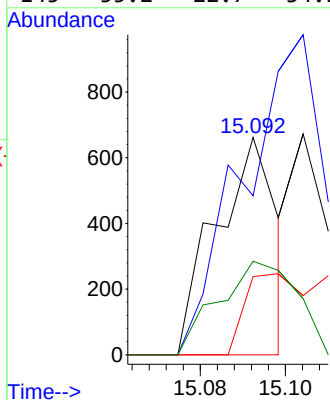
#69
1,3,5-Trichlorobenzene
Concen: 0.154 ug/L
RT: 15.092 min Scan# 211
Delta R.T. 0.500 min
Lab File: VD079125.D
Acq: 03 Jun 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 660

Ion	Ratio	Lower	Upper
180	100		
182	199.7	76.9	115.3#
184	35.6	23.3	34.9#
145	55.2	22.7	34.1#



#71
Naphthalene
Concen: 1.478 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD079125.D
Acq: 03 Jun 2024 15:51

Tgt Ion:128 Resp: 9849

Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.8	16.2#
129	12.0	8.5	12.7

