

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
 Data File : VD077087.D
 Acq On : 12 Sep 2023 12:44
 Operator : JC/SY
 Sample : 04386-02
 Misc : 2.76G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

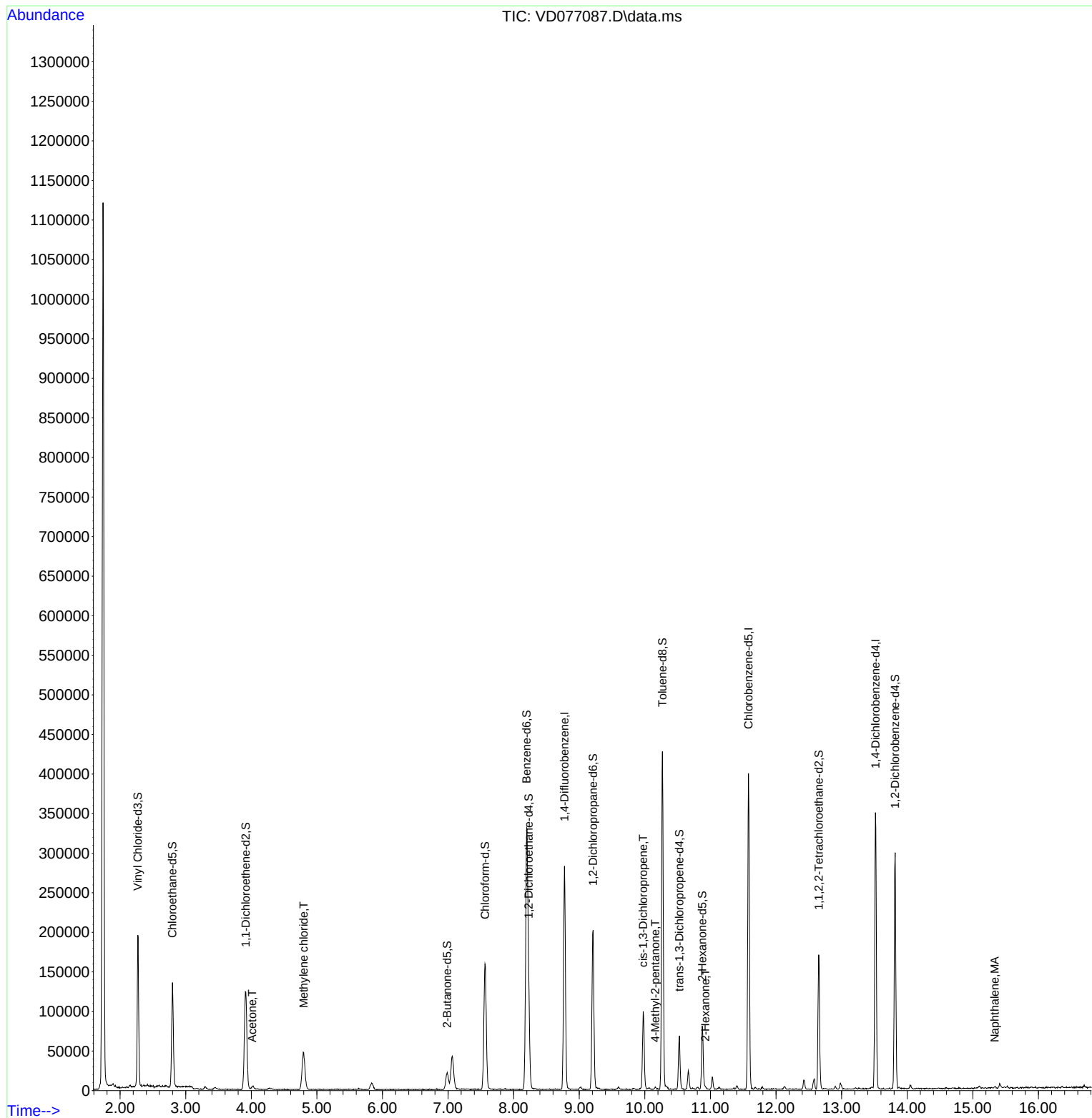
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	257936	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	244521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	100366	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	169153	26.614	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 106.440%		
7) Chloroethane-d5	2.799	69	130693	25.006	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 100.040%		
11) 1,1-Dichloroethene-d2	3.916	65	35705	24.731	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 98.920%		
21) 2-Butanone-d5	6.987	46	38517	48.105	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 96.220%		
24) Chloroform-d	7.563	84	169587	24.028	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 96.120%		
26) 1,2-Dichloroethane-d4	8.228	65	86573	25.880	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 103.520%		
32) Benzene-d6	8.199	84	346970	25.691	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 102.760%		
36) 1,2-Dichloropropane-d6	9.210	67	100648	25.987	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 103.960%		
41) Toluene-d8	10.269	98	305230	24.690	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 98.760%		
43) trans-1,3-Dichloroprop...	10.528	79	40979	23.222	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 92.880%		
47) 2-Hexanone-d5	10.875	63	28831	46.609	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 93.220%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83710	24.245	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 96.960%		
66) 1,2-Dichlorobenzene-d4	13.816	152	82856	25.720	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 102.880%		
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	3549	3.090	ug/L	93
16) Methylene chloride	4.799	84	37783	7.197	ug/L	100
39) cis-1,3-Dichloropropene	9.975	75	2687	0.456	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	1479	0.726	ug/L	98
48) 2-Hexanone	10.922	43	1976	1.258	ug/L #	35
71) Naphthalene	15.333	128	2642	0.380	ug/L #	76

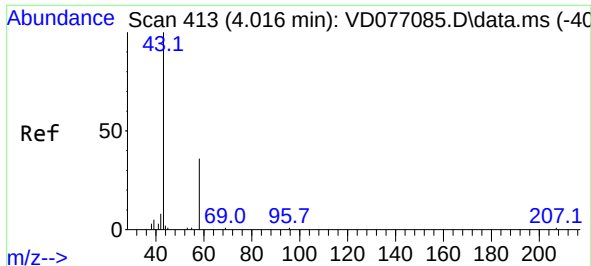
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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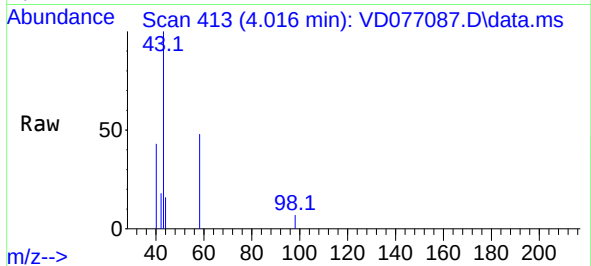
Quant Time: Sep 13 01:49:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration



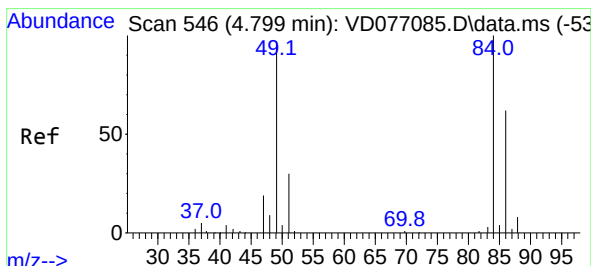
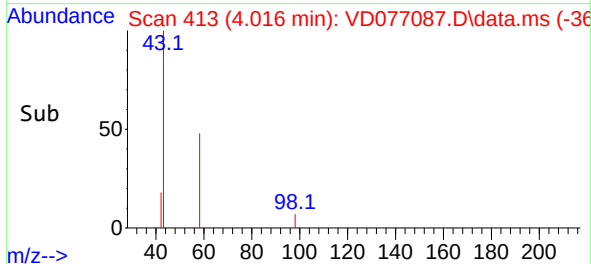
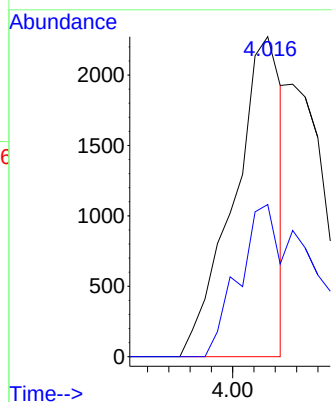


#13
Acetone
Concen: 3.090 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD077087.D
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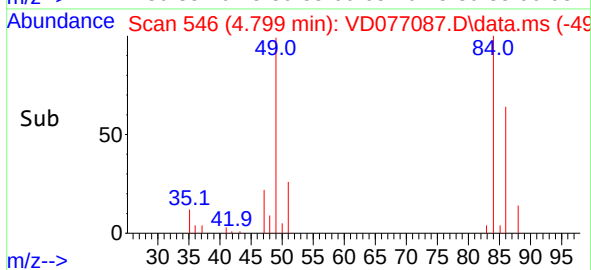
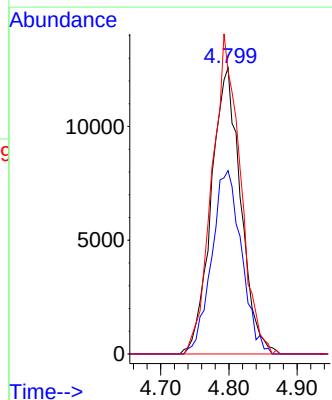
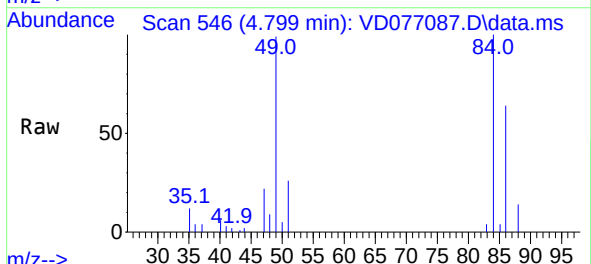


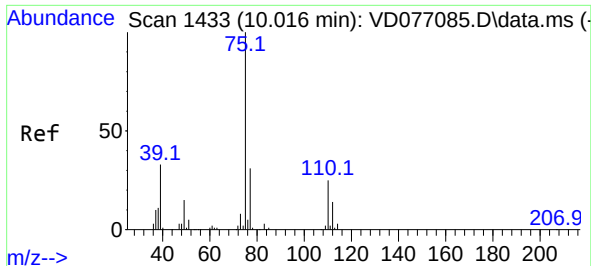
Tgt Ion: 43 Resp: 3549
Ion Ratio Lower Upper
43 100
58 39.9 0.0 71.8



#16
Methylene chloride
Concen: 7.197 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077087.D
Acq: 12 Sep 2023 12:44

Tgt Ion: 84 Resp: 37783
Ion Ratio Lower Upper
84 100
86 64.1 45.3 84.1
49 98.9 69.2 128.6

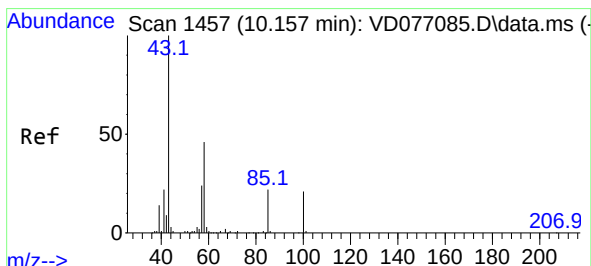
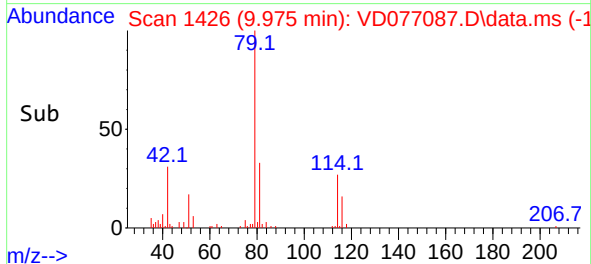
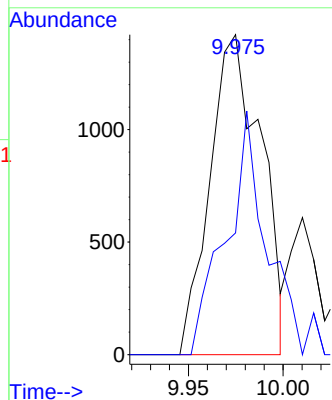
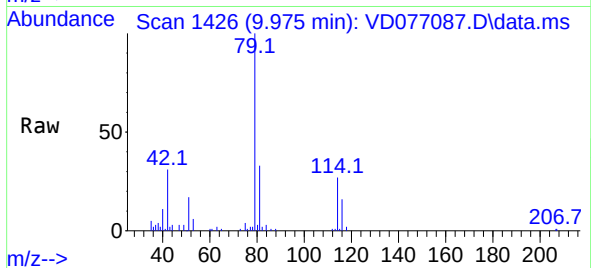




#39
cis-1,3-Dichloropropene
Concen: 0.456 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD077087.D
Acq: 12 Sep 2023 12:44

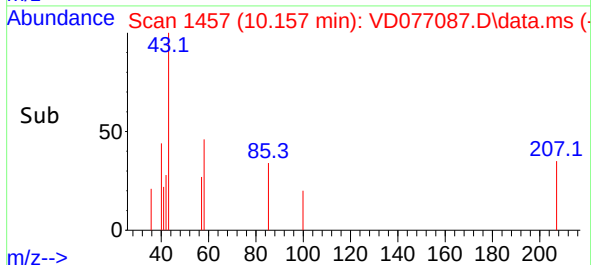
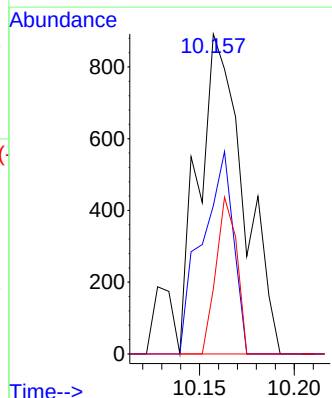
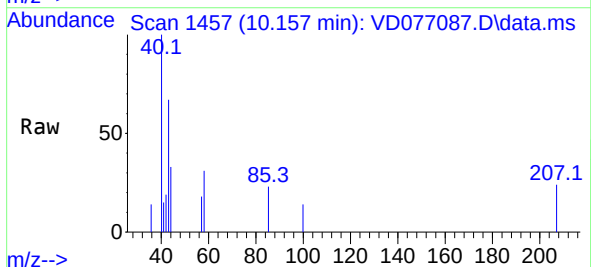
Instrument :
MSVOA_D
ClientSampleId :

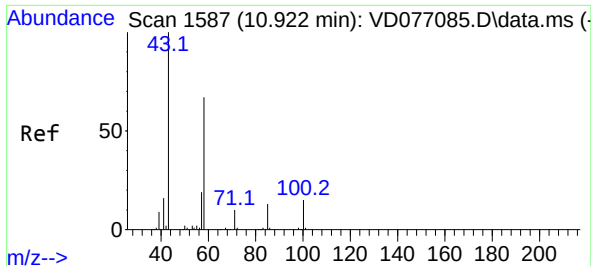
Tgt Ion: 75 Resp: 2687
Ion Ratio Lower Upper
75 100
77 38.0 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 0.726 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077087.D
Acq: 12 Sep 2023 12:44

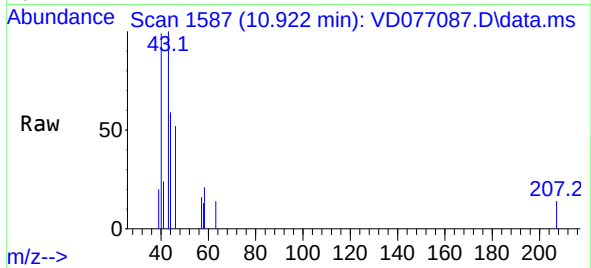
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 44.0 34.6 51.8
100 22.5 16.2 24.4





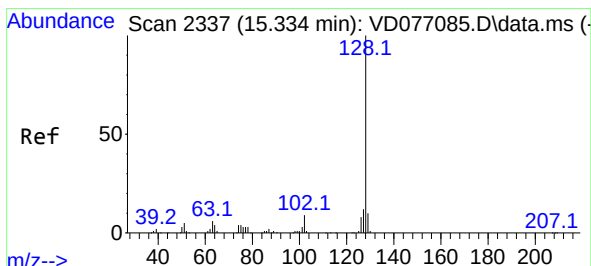
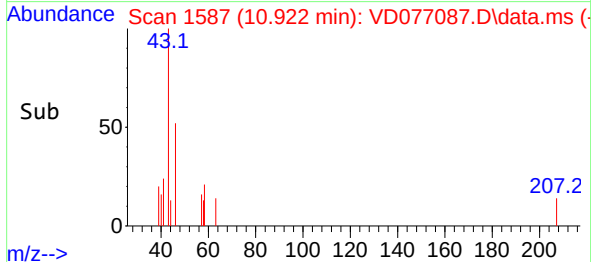
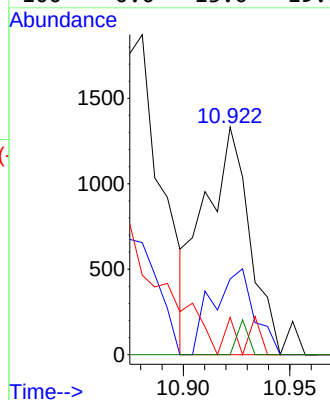
#48
2-Hexanone
Concen: 1.258 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077087.D
Acq: 12 Sep 2023 12:44

Instrument : MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 1976

Ion	Ratio	Lower	Upper
43	100		
58	0.0	50.6	75.8#
57	3.9	16.6	24.8#
100	0.0	13.0	19.6#



#71
Naphthalene
Concen: 0.380 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077087.D
Acq: 12 Sep 2023 12:44

Tgt Ion: 128 Resp: 2642

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	5.9	8.6	13.0#

