

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061824\
 Data File : VW036112.D
 Acq On : 18 Jun 2024 11:55
 Operator : SY/MD
 Sample : P2909-02
 Misc : 4.98g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:28:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

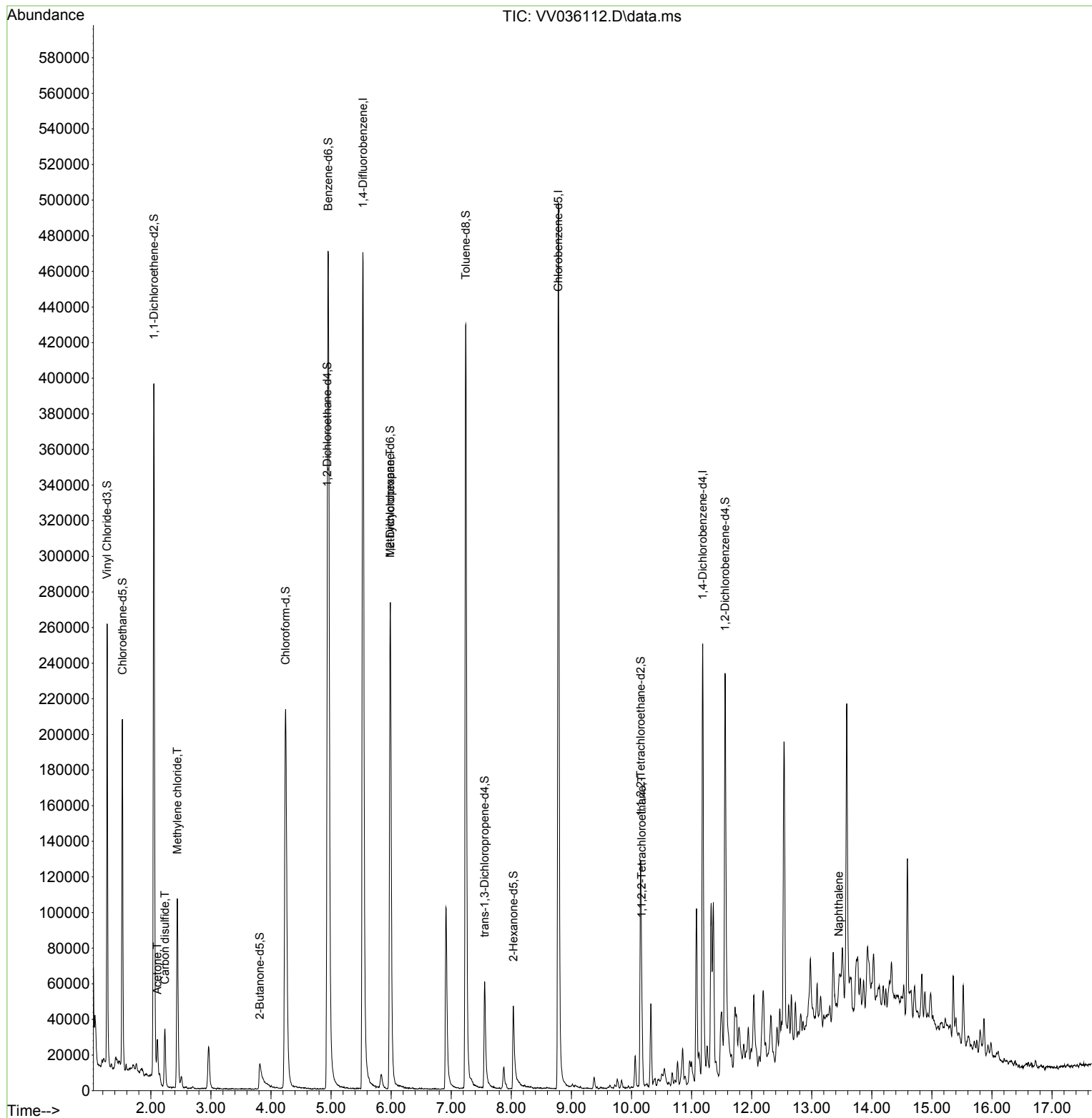
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	412427	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	283897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	65537	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	158292	20.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.520%
7) Chloroethane-d5	1.526	69	131383	21.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	2.050	65	67067	19.869	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.480%
21) 2-Butanone-d5	3.812	46	31625	18.178	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.360%
24) Chloroform-d	4.243	84	237993	18.151	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	4.937	65	112196	16.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.280%#
32) Benzene-d6	4.953	84	440568	26.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.440%
36) 1,2-Dichloropropane-d6	5.986	67	138322	26.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.120%
41) Toluene-d8	7.243	98	303846	20.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.640%
43) trans-1,3-Dichloroprop...	7.555	79	39766	18.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.000%
47) 2-Hexanone-d5	8.034	63	18398	25.552	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.100%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	63627	16.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	43647	18.161	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.640%#
Target Compounds						
					Qvalue	
13) Acetone	2.108	43	26620	9.823	ug/L #	43
14) Carbon disulfide	2.233	76	37754	1.646	ug/L	100
16) Methylene chloride	2.439	84	45879	4.916	ug/L	98
35) Methylcyclohexane	5.986	83	33748	4.288	ug/L #	20
57) 1,1,2,2-Tetrachloroethane	10.169	83	2843	0.787	ug/L #	54
71) Naphthalene	13.451	128	4853	1.143	ug/L #	95

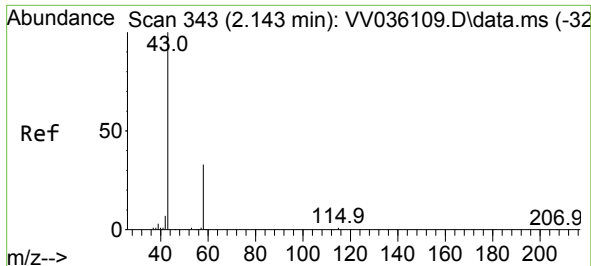
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 9.823 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV036112.D

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Instrument :

MSVOA_V

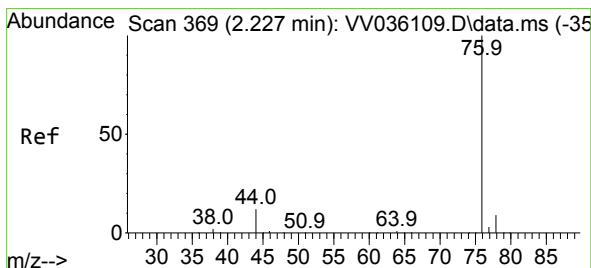
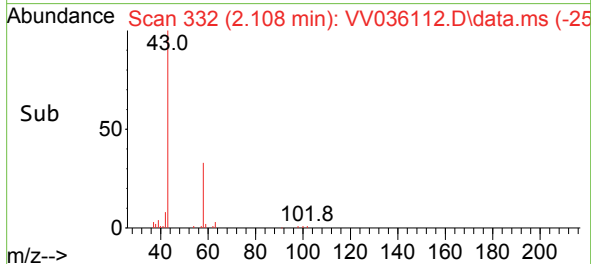
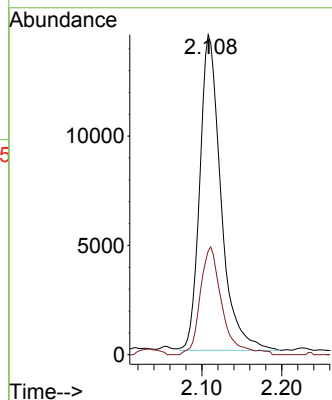
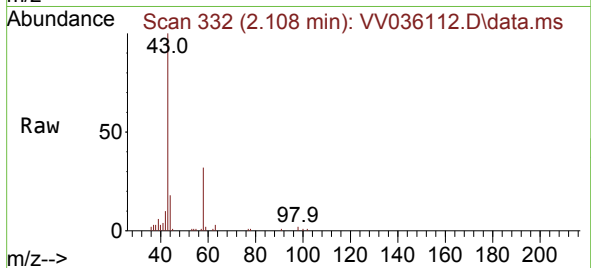
ClientSampleId :

Tgt Ion: 43 Resp: 26620

Ion Ratio Lower Upper

43 100

58 34.4 0.0 24.2#



#14

Carbon disulfide

Concen: 1.646 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.006 min

Lab File: VV036112.D

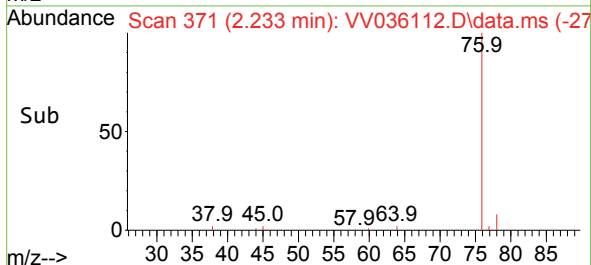
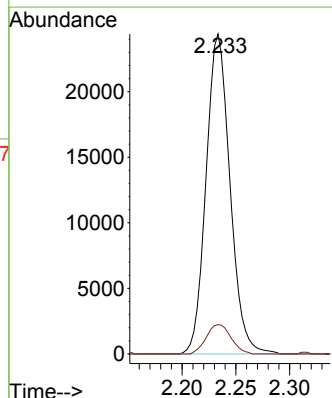
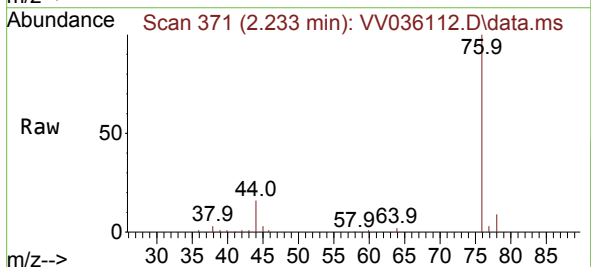
Acq: 18 Jun 2024 11:55

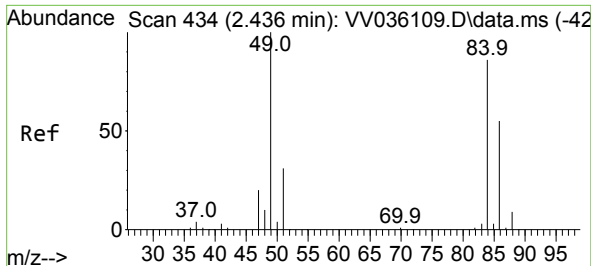
Tgt Ion: 76 Resp: 37754

Ion Ratio Lower Upper

76 100

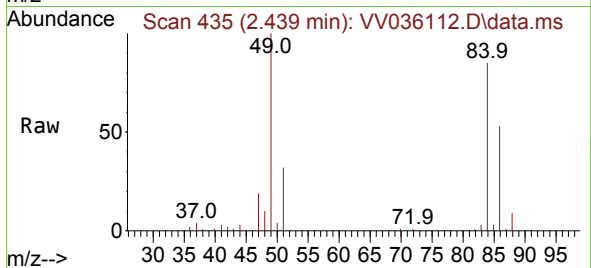
78 9.2 7.4 11.2



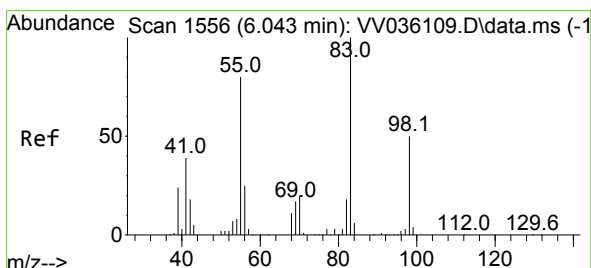
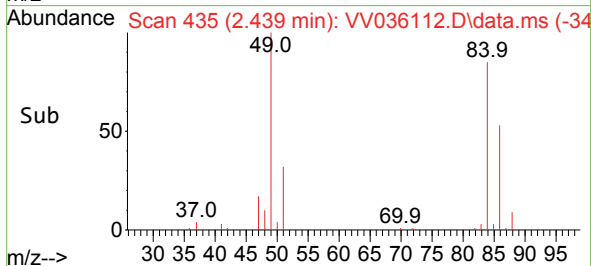
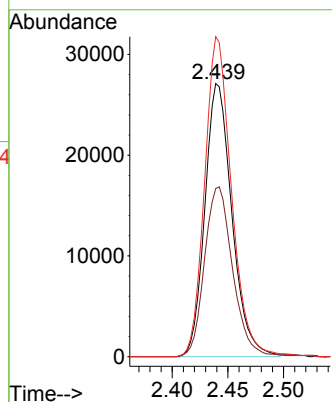


#16
Methylene chloride
Concen: 4.916 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036112.D
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Instrument :
MSVOA_V
ClientSampleId :

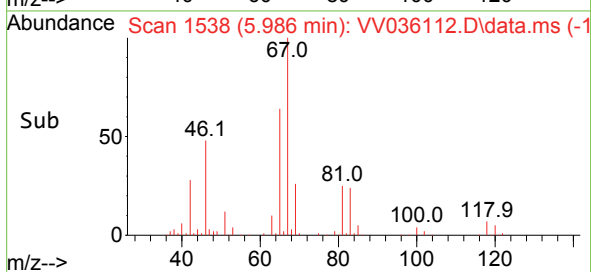
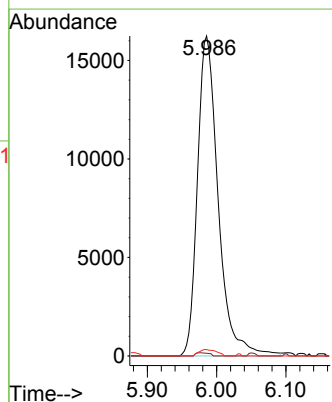
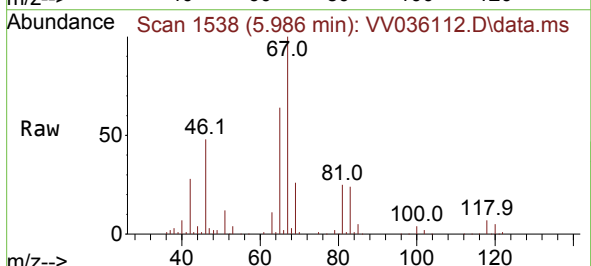


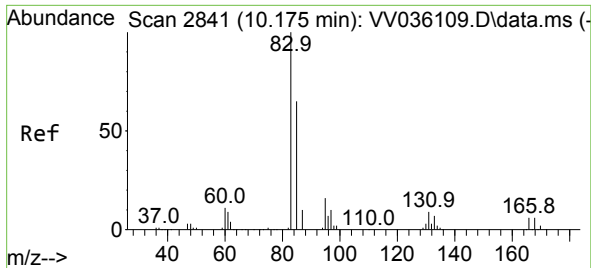
Tgt Ion: 84 Resp: 45879
Ion Ratio Lower Upper
84 100
86 61.6 44.6 82.8
49 117.2 81.1 150.5



#35
Methylcyclohexane
Concen: 4.288 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV036112.D
Acq: 18 Jun 2024 11:55

Tgt Ion: 83 Resp: 33748
Ion Ratio Lower Upper
83 100
55 0.6 60.7 91.1#
98 1.7 38.7 58.1#

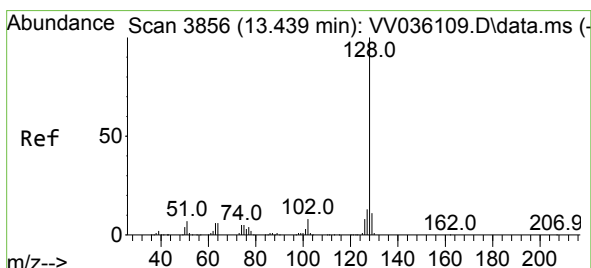
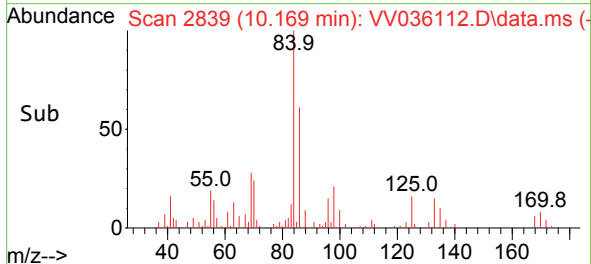
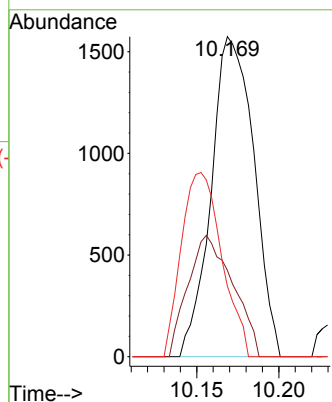
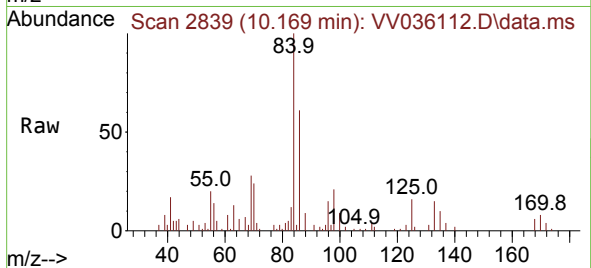




#57
1,1,2,2-Tetrachloroethane
Concen: 0.787 ug/L
RT: 10.169 min Scan# 2843
Delta R.T. -0.006 min
Lab File: VV036112.D
Acq: 18 Jun 2024 11:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 2843
Ion Ratio Lower Upper
83 100
85 27.0 45.1 83.7#
131 22.0 7.6 11.4#



#71
Naphthalene
Concen: 1.143 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.013 min
Lab File: VV036112.D
Acq: 18 Jun 2024 11:55

Tgt Ion:128 Resp: 4853
Ion Ratio Lower Upper
128 100
127 10.0 10.6 16.0#
129 10.2 8.8 13.2

