

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036183.D
 Acq On : 21 Jun 2024 00:01
 Operator : SY/MD
 Sample : P2962-03
 Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

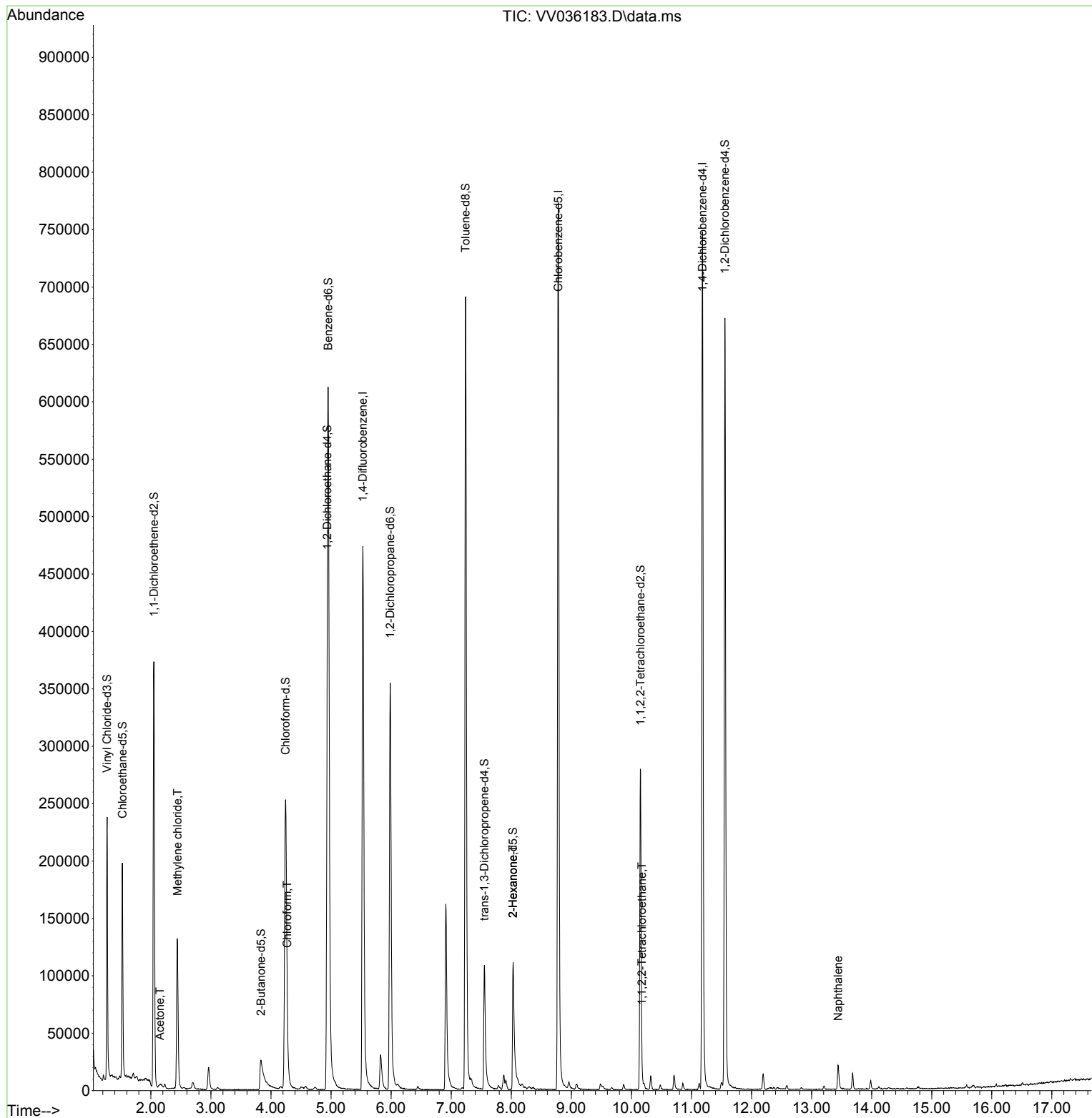
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	421889	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	430555	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	196619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	154799	19.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.840%
7) Chloroethane-d5	1.526	69	127621	20.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.520%
11) 1,1-Dichloroethene-d2	2.050	65	62940	18.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.920%
21) 2-Butanone-d5	3.834	46	50024	28.110	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.220%
24) Chloroform-d	4.243	84	282665	21.074	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.280%
26) 1,2-Dichloroethane-d4	4.937	65	164203	23.350	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.953	84	556004	21.725	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	5.986	67	180453	22.390	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	7.239	98	474803	21.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.120%
43) trans-1,3-Dichloroprop...	7.551	79	69706	21.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.360%
47) 2-Hexanone-d5	8.030	63	43574	39.904	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	141398	23.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	11.558	152	172688	23.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
13) Acetone	2.150	43	3760	1.356	ug/L	86
16) Methylene chloride	2.442	84	59227	6.204	ug/L	98
25) Chloroform	4.272	83	9231	0.657	ug/L	88
48) 2-Hexanone	8.030	43	5534	1.762	ug/L #	68
57) 1,1,2,2-Tetrachloroethane	10.175	83	2255	0.412	ug/L #	85
71) Naphthalene	13.442	128	18983	1.491	ug/L	99

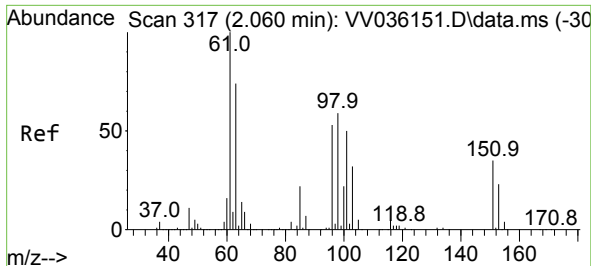
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

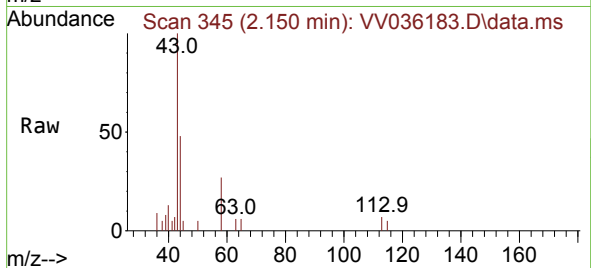
Quant Time: Jun 21 05:15:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration



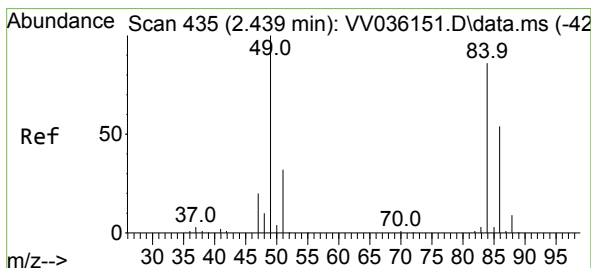
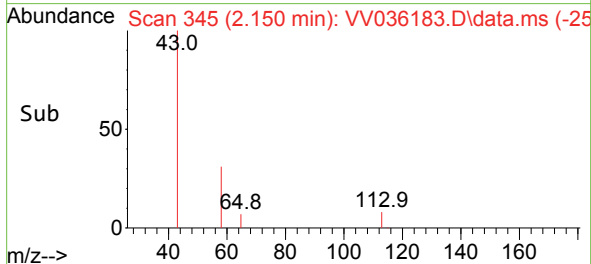
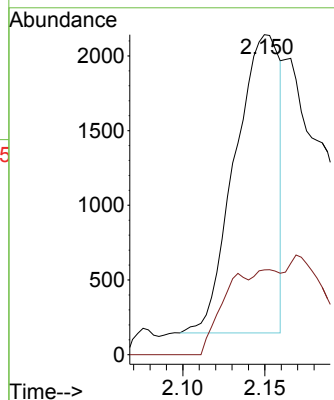


#13
Acetone
Concen: 1.356 ug/L
RT: 2.150 min Scan# 345
Delta R.T. 0.003 min
Lab File: VV036183.D
Acq: 21 Jun 2024 00:01

Instrument :
MSVOA_V
ClientSampleId :

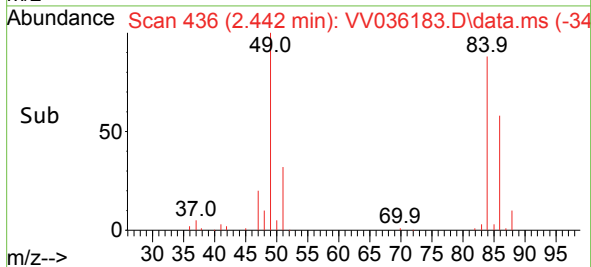
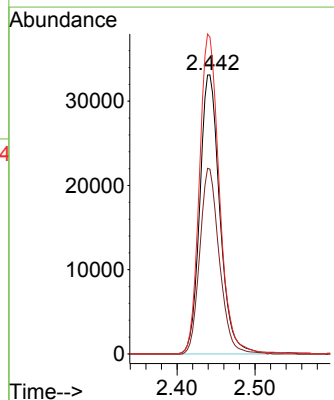
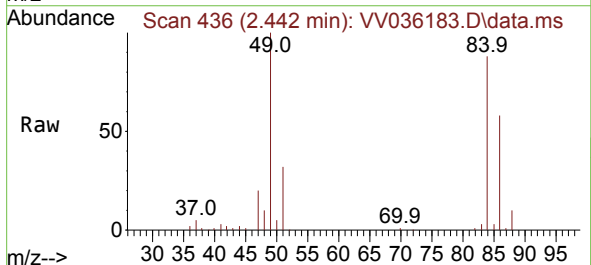


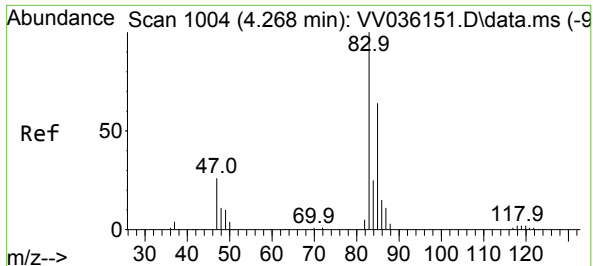
Tgt Ion: 43 Resp: 3760
Ion Ratio Lower Upper
43 100
58 17.5 0.0 24.2



#16
Methylene chloride
Concen: 6.204 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036183.D
Acq: 21 Jun 2024 00:01

Tgt Ion: 84 Resp: 59227
Ion Ratio Lower Upper
84 100
86 66.2 44.6 82.8
49 113.5 81.1 150.5





#25

Chloroform

Concen: 0.657 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036183.D

Acq: 21 Jun 2024 00:01

Instrument :

MSVOA_V

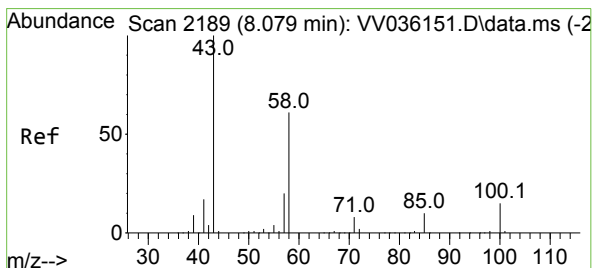
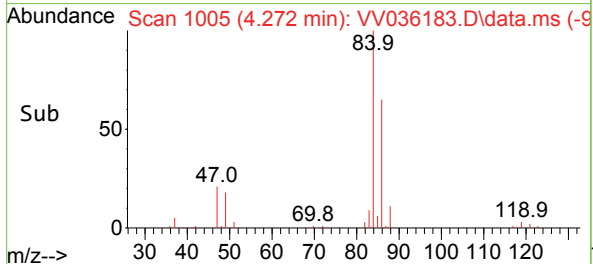
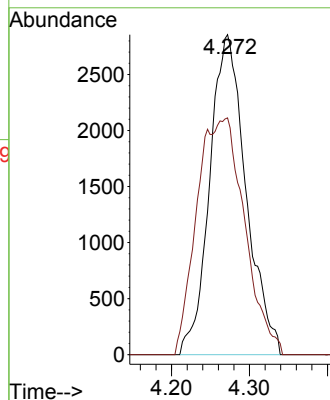
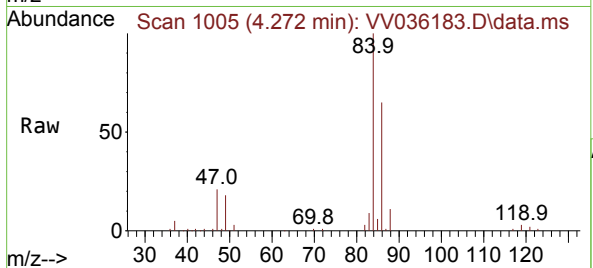
ClientSampleId :

Tgt Ion: 83 Resp: 9231

Ion Ratio Lower Upper

83 100

85 74.0 45.2 84.0



#48

2-Hexanone

Concen: 1.762 ug/L

RT: 8.030 min Scan# 2174

Delta R.T. -0.048 min

Lab File: VV036183.D

Acq: 21 Jun 2024 00:01

Tgt Ion: 43 Resp: 5534

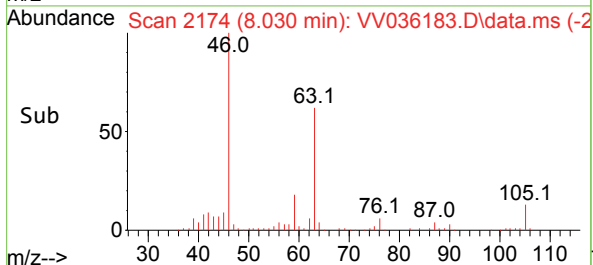
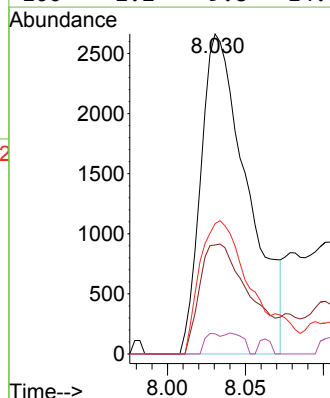
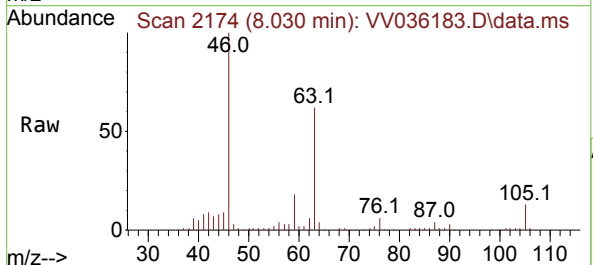
Ion Ratio Lower Upper

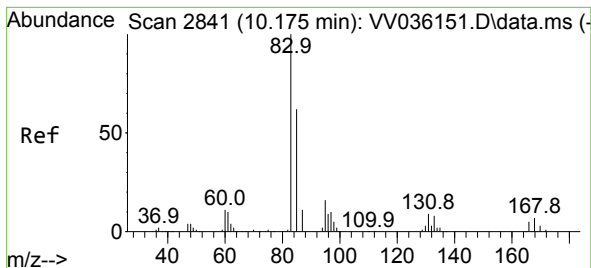
43 100

58 36.5 45.4 68.0#

57 42.2 15.8 23.8#

100 2.2 9.8 14.8#

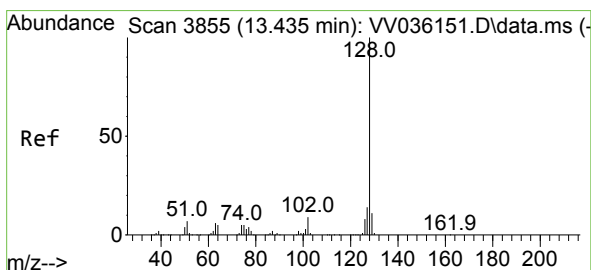
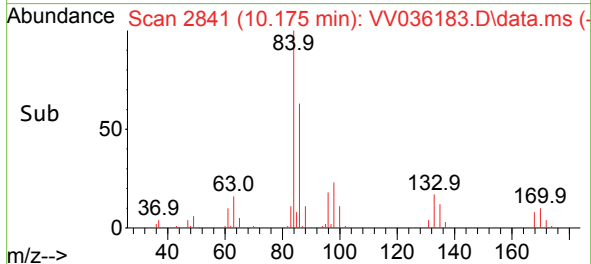
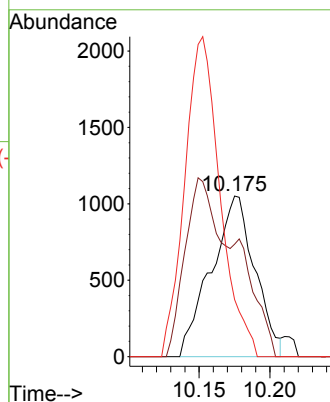
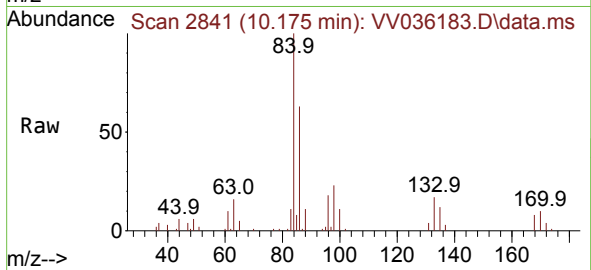




#57
1,1,2-Tetrachloroethane
Concen: 0.412 ug/L
RT: 10.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036183.D
Acq: 21 Jun 2024 00:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 2255
Ion Ratio Lower Upper
83 100
85 70.0 45.1 83.7
131 35.6 7.6 11.4#



#71
Naphthalene
Concen: 1.491 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.007 min
Lab File: VV036183.D
Acq: 21 Jun 2024 00:01

Tgt Ion:128 Resp: 18983
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.3 8.8 13.2

