

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
 Data File : VV036143.D
 Acq On : 19 Jun 2024 17:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 05:17:44 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)

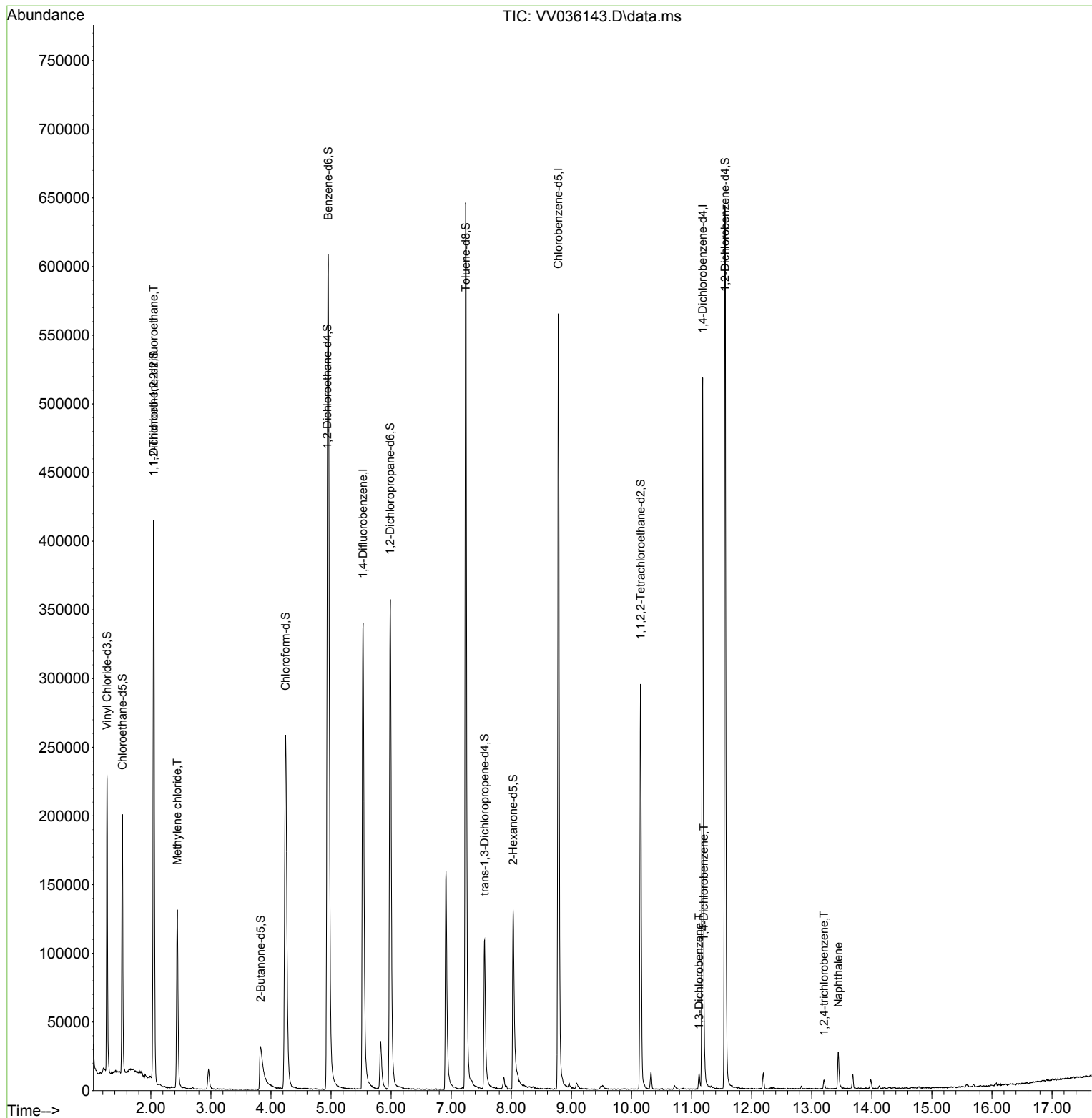
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297324	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	317434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	135420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	148904	27.240	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.960%	
7) Chloroethane-d5	1.526	69	129051	29.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.440%	
11) 1,1-Dichloroethene-d2	2.047	65	71154	29.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 116.960%#	
21) 2-Butanone-d5	3.828	46	59961	47.809	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.620%	
24) Chloroform-d	4.243	84	287170	30.380	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 121.520%	
26) 1,2-Dichloroethane-d4	4.937	65	168223	33.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 135.760%#	
32) Benzene-d6	4.954	84	542661	28.759	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 115.040%	
36) 1,2-Dichloropropane-d6	5.986	67	181700	30.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 122.320%#	
41) Toluene-d8	7.243	98	446566	26.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.280%	
43) trans-1,3-Dichloroprop...	7.555	79	69452	28.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 114.040%	
47) 2-Hexanone-d5	8.031	63	48470	60.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.420%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	146884	33.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 132.320%#	
66) 1,2-Dichlorobenzene-d4	11.558	152	167410	33.711	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 134.840%#	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.047	101	2225	0.436	ug/L #	23
16) Methylene chloride	2.439	84	56275	8.364	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	5270	0.578	ug/L	89
65) 1,4-Dichlorobenzene	11.207	146	4978	0.529	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	2365	0.440	ug/L #	88
71) Naphthalene	13.442	128	22946	2.617	ug/L	98

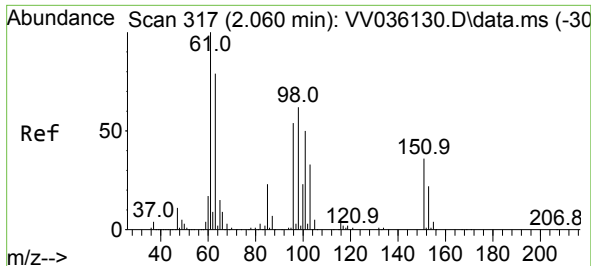
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.436 ug/L

RT: 2.047 min Scan# 317

Delta R.T. -0.013 min

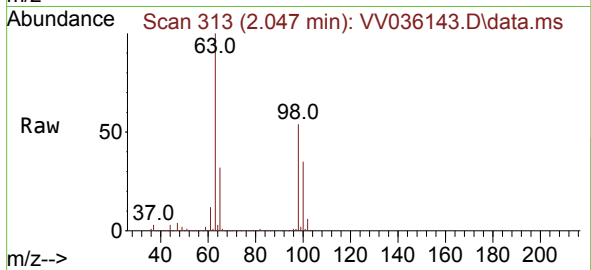
Lab File: VV036143.D

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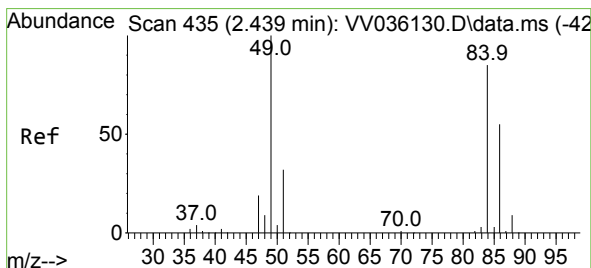
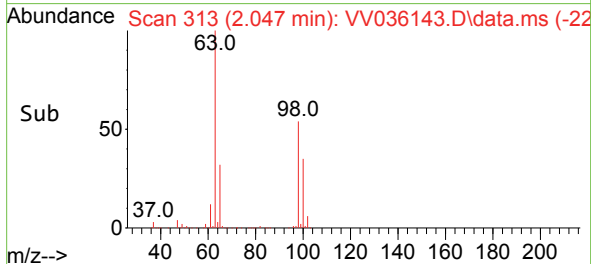
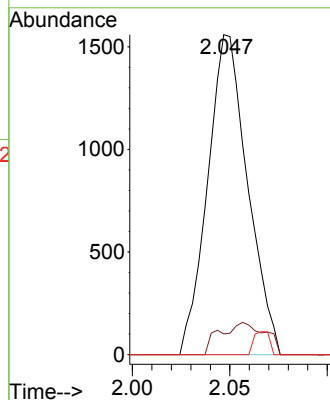
Tgt Ion:101 Resp: 2225

Ion Ratio Lower Upper

101 100

85 2.8 34.5 51.7#

151 0.0 56.3 84.5#



#16

Methylene chloride

Concen: 8.364 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV036143.D

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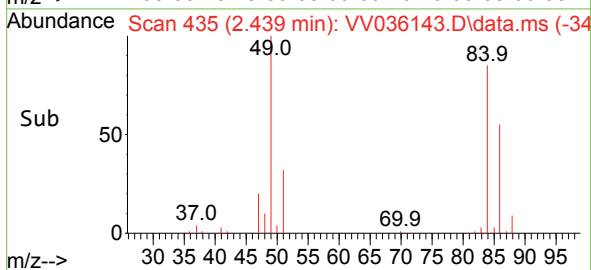
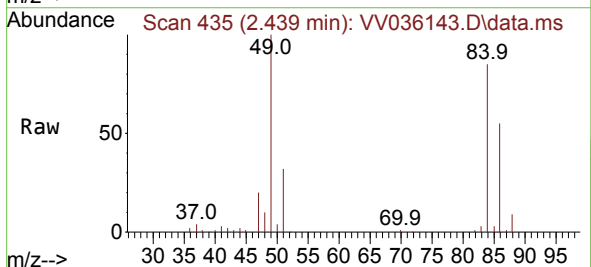
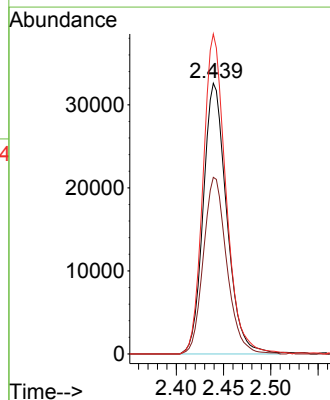
Tgt Ion: 84 Resp: 56275

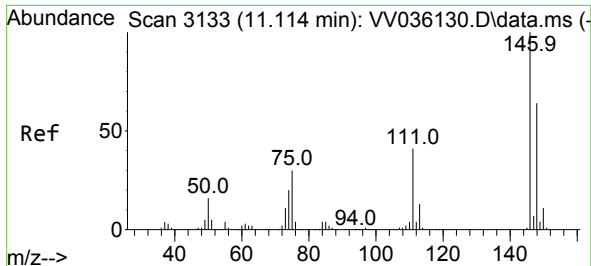
Ion Ratio Lower Upper

84 100

86 65.3 44.6 82.8

49 118.2 81.1 150.5

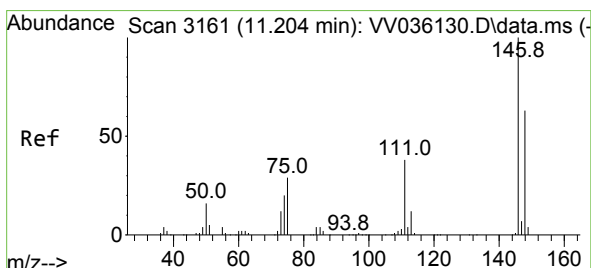
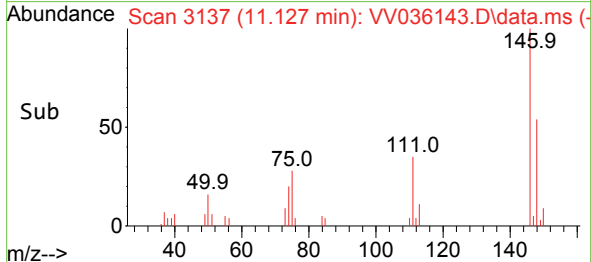
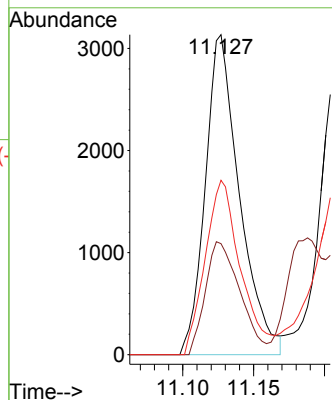
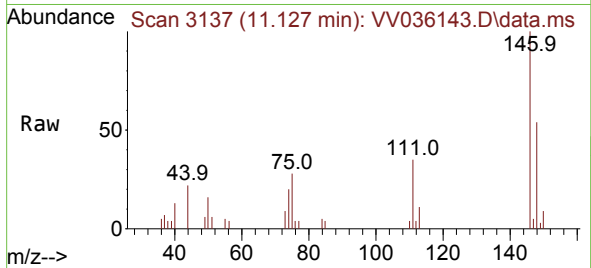




#64
1,3-Dichlorobenzene
Concen: 0.578 ug/L
RT: 11.127 min Scan# 3133
Delta R.T. 0.013 min
Lab File: VV036143.D
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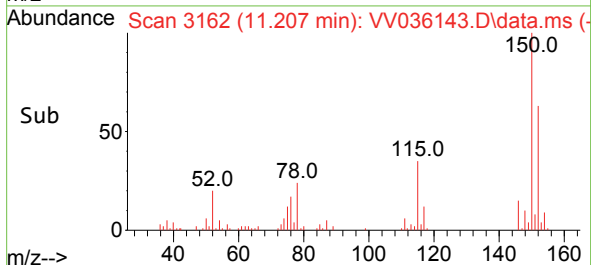
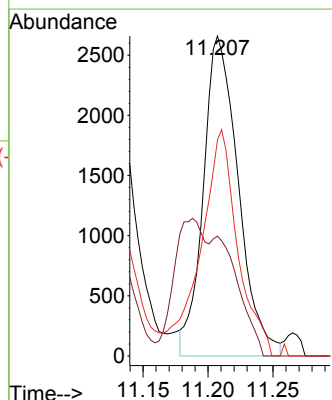
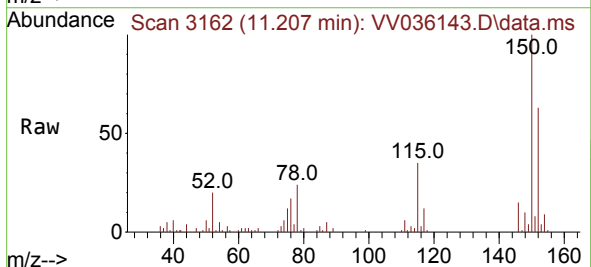
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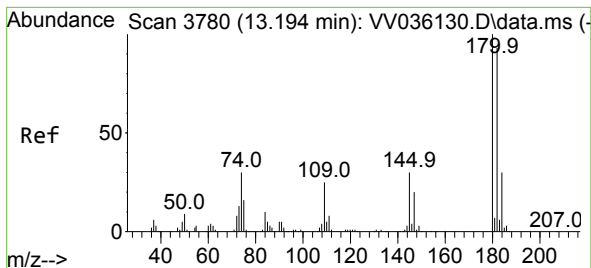
Tgt Ion:146 Resp: 5270
Ion Ratio Lower Upper
146 100
111 34.7 28.1 52.1
148 54.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 0.529 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036143.D
Acq: 19 Jun 2024 17:28

Tgt Ion:146 Resp: 4978
Ion Ratio Lower Upper
146 100
111 37.4 26.9 50.1
148 67.5 44.5 82.7





#70

1,2,4-trichlorobenzene

Concen: 0.440 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.010 min

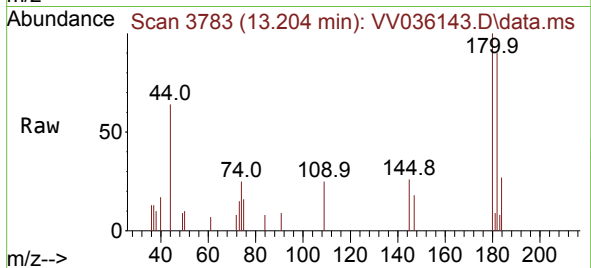
Lab File: VV036143.D

Acq: 19 Jun 2024 17:28

Instrument :

MSVOA_V

ClientSampleId :



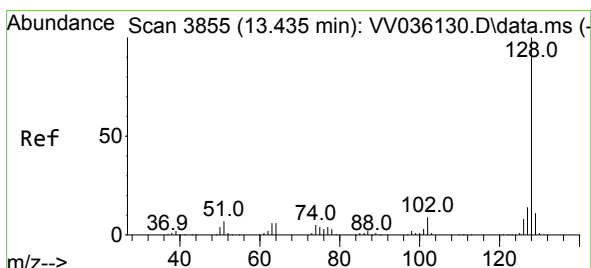
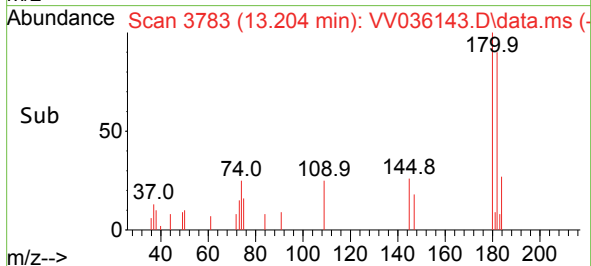
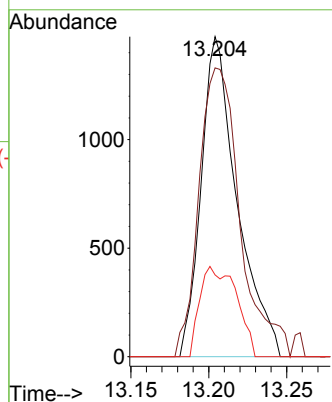
Tgt Ion:180 Resp: 2365

Ion Ratio Lower Upper

180 100

182 103.3 76.1 114.1

145 16.0 23.5 35.3#



#71

Naphthalene

Concen: 2.617 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.007 min

Lab File: VV036143.D

Acq: 19 Jun 2024 17:28

Tgt Ion:128 Resp: 22946

Ion Ratio Lower Upper

128 100

127 14.2 10.6 16.0

129 10.0 8.8 13.2

