

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034832.D
 Acq On : 26 Mar 2024 17:05
 Operator : SY/MD
 Sample : P1851-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:36:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:34:52 2024
 Response via : Initial Calibration

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

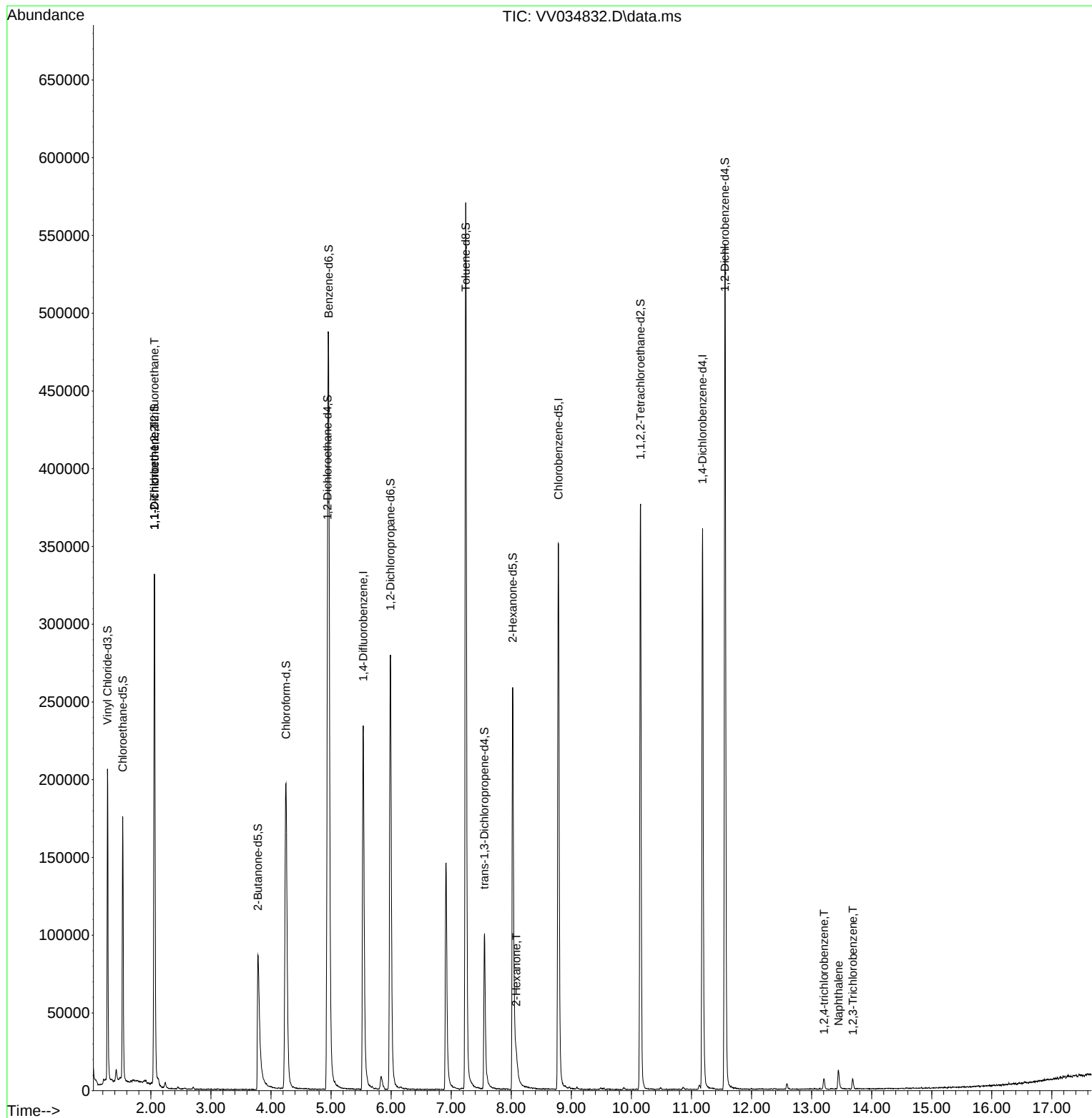
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	200933	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	195619	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	91156	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	128826	66.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 132.780%			
7) Chloroethane-d5	1.532	69	107446	63.748	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 127.500%			
11) 1,1-Dichloroethene-d2	2.060	65	56743	66.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 133.420%#			
21) 2-Butanone-d5	3.783	46	144114	125.221	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 125.220%			
24) Chloroform-d	4.249	84	213950	65.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.160%#			
26) 1,2-Dichloroethane-d4	4.941	65	139495	67.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.680%#			
32) Benzene-d6	4.960	84	435262	66.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.480%#			
36) 1,2-Dichloropropane-d6	5.989	67	142659	68.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 136.740%#			
41) Toluene-d8	7.243	98	381681	64.498	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 129.000%#			
43) trans-1,3-Dichloroprop...	7.555	79	61854	60.977	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 121.960%			
47) 2-Hexanone-d5	8.024	63	91506	115.991	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.990%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	185568	64.581	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 129.160%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	136835	66.858	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 133.720%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1798	1.140	ug/L #	29
12) 1,1-Dichloroethene	2.060	96	1700	1.127	ug/L #	1
48) 2-Hexanone	8.085	43	11817	6.173	ug/L #	74
70) 1,2,4-trichlorobenzene	13.207	180	2342	1.152	ug/L #	94
71) Naphthalene	13.448	128	11192	1.984	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.686	180	2279	1.137	ug/L	99

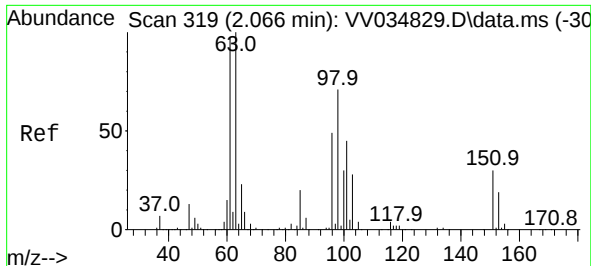
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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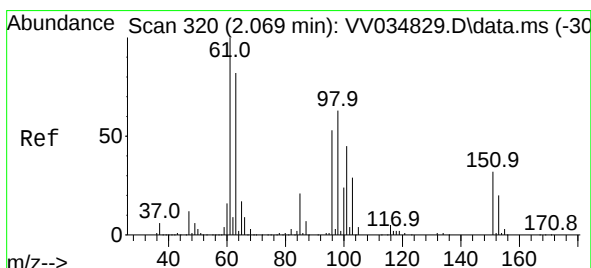
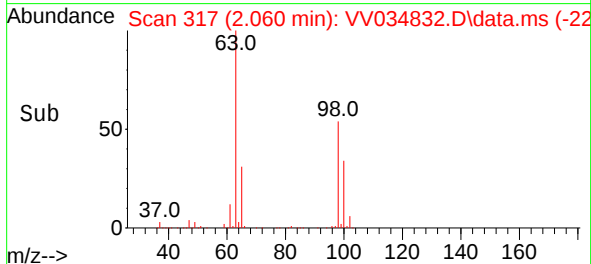
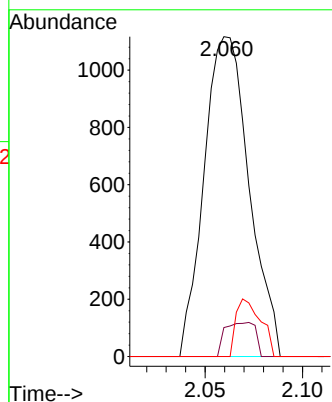
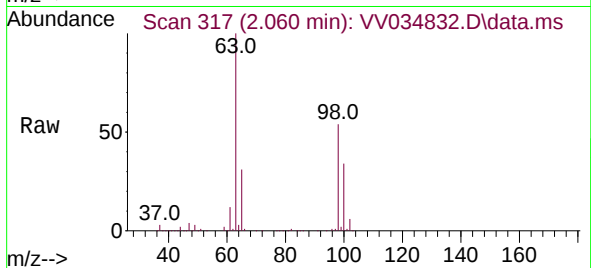




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.140 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.007 min
 Lab File: VV034832.D
 Acq: 26 Mar 2024 17:05

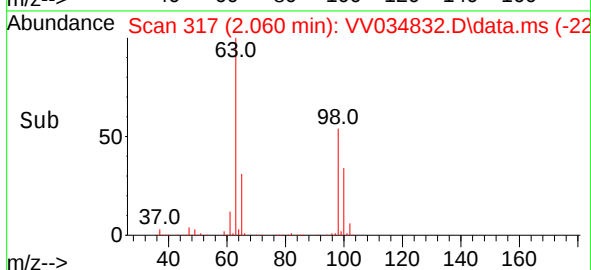
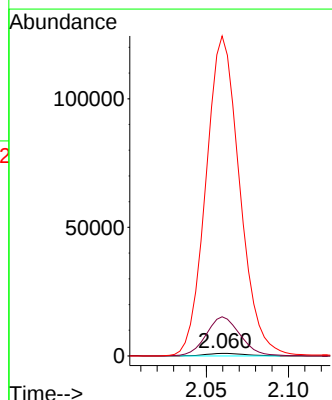
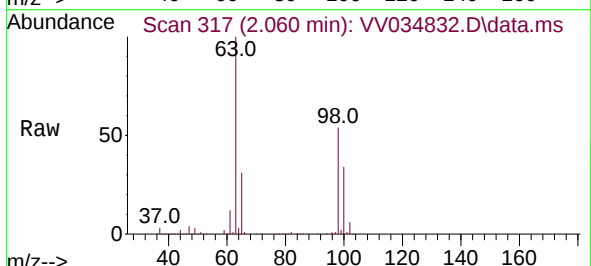
Instrument :
 MSVOA_V
 ClientSampleId :

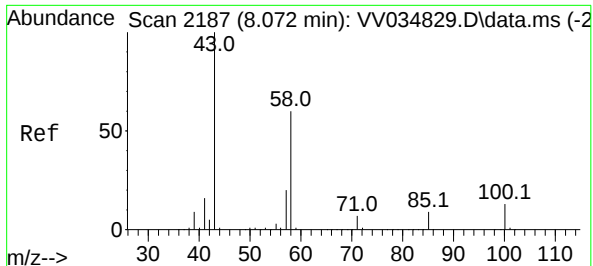
Tgt Ion:101 Resp: 1798
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 9.8 55.0 82.4#



#12
 1,1-Dichloroethene
 Concen: 1.127 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV034832.D
 Acq: 26 Mar 2024 17:05

Tgt Ion: 96 Resp: 1700
 Ion Ratio Lower Upper
 96 100
 61 1518.9 131.5 244.3#
 63 12393.6 111.4 206.8#

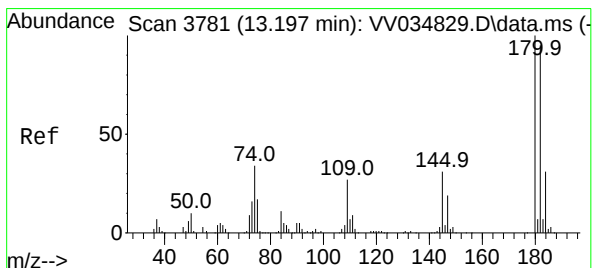
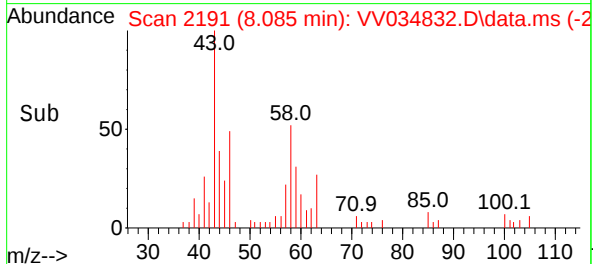
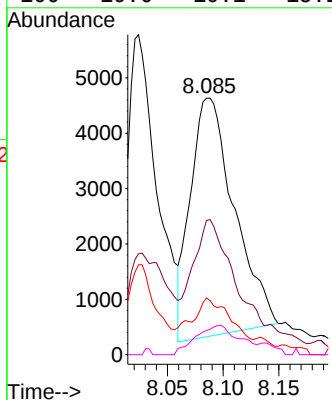
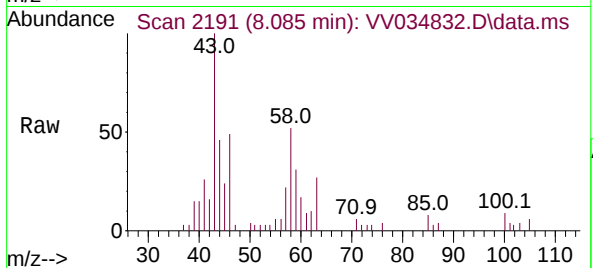




#48
2-Hexanone
Concen: 6.173 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV034832.D
Acq: 26 Mar 2024 17:05

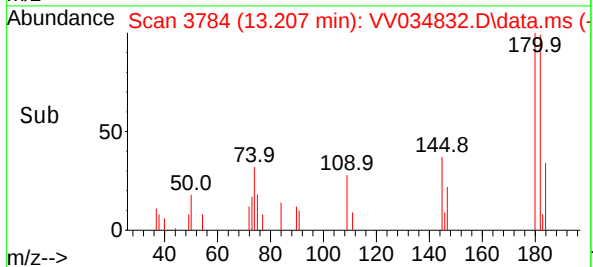
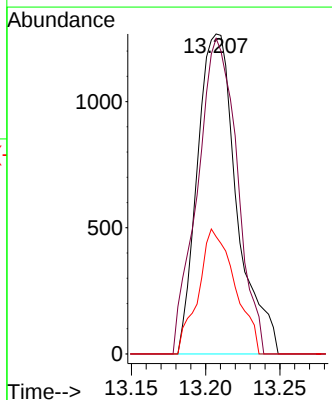
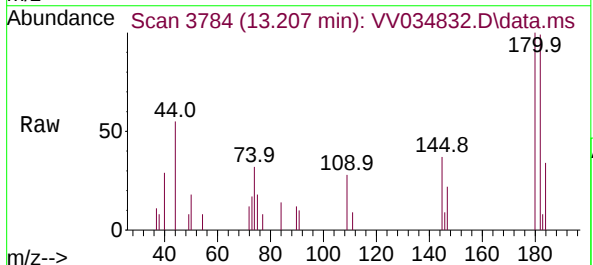
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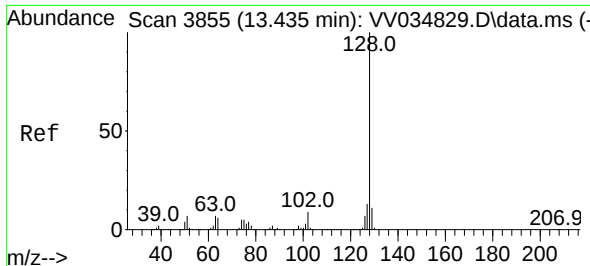
Tgt Ion: 43	Resp: 11817
Ion Ratio	Lower Upper
43 100	
58 36.6	45.4 68.2#
57 3.2	16.2 24.4#
100 10.6	10.1 15.1



#70
1,2,4-trichlorobenzene
Concen: 1.152 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.010 min
Lab File: VV034832.D
Acq: 26 Mar 2024 17:05

Tgt Ion: 180	Resp: 2342
Ion Ratio	Lower Upper
180 100	
182 99.2	75.6 113.4
145 36.3	24.1 36.1#

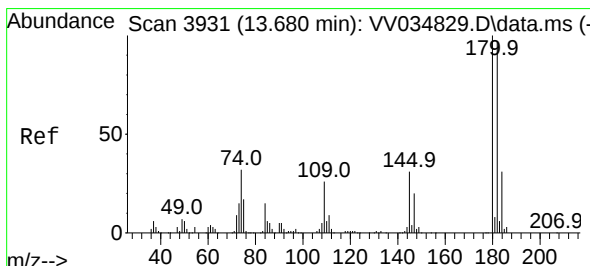
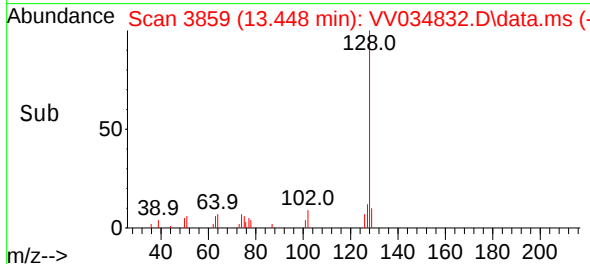
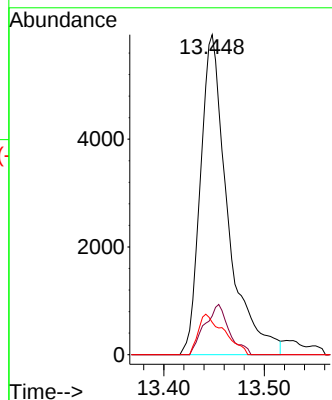
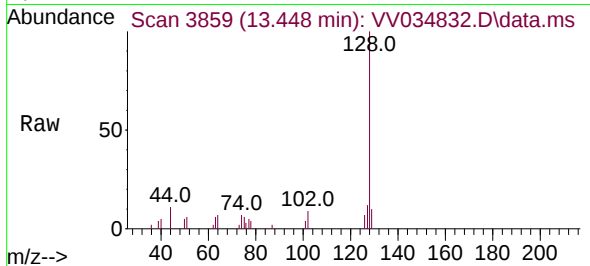




#71
Naphthalene
Concen: 1.984 ug/L
RT: 13.448 min Scan# 3855
Delta R.T. 0.013 min
Lab File: VV034832.D
Acq: 26 Mar 2024 17:05

Instrument :
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ClientSampleId :

Tgt Ion:128 Resp: 11192
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 8.1 8.7 13.1#



#72
1,2,3-Trichlorobenzene
Concen: 1.137 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV034832.D
Acq: 26 Mar 2024 17:05

Tgt Ion:180 Resp: 2279
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 31.4 25.8 38.6

