

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034830.D
 Acq On : 26 Mar 2024 16:12
 Operator : SY/MD
 Sample : VV0326WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:36:21 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)

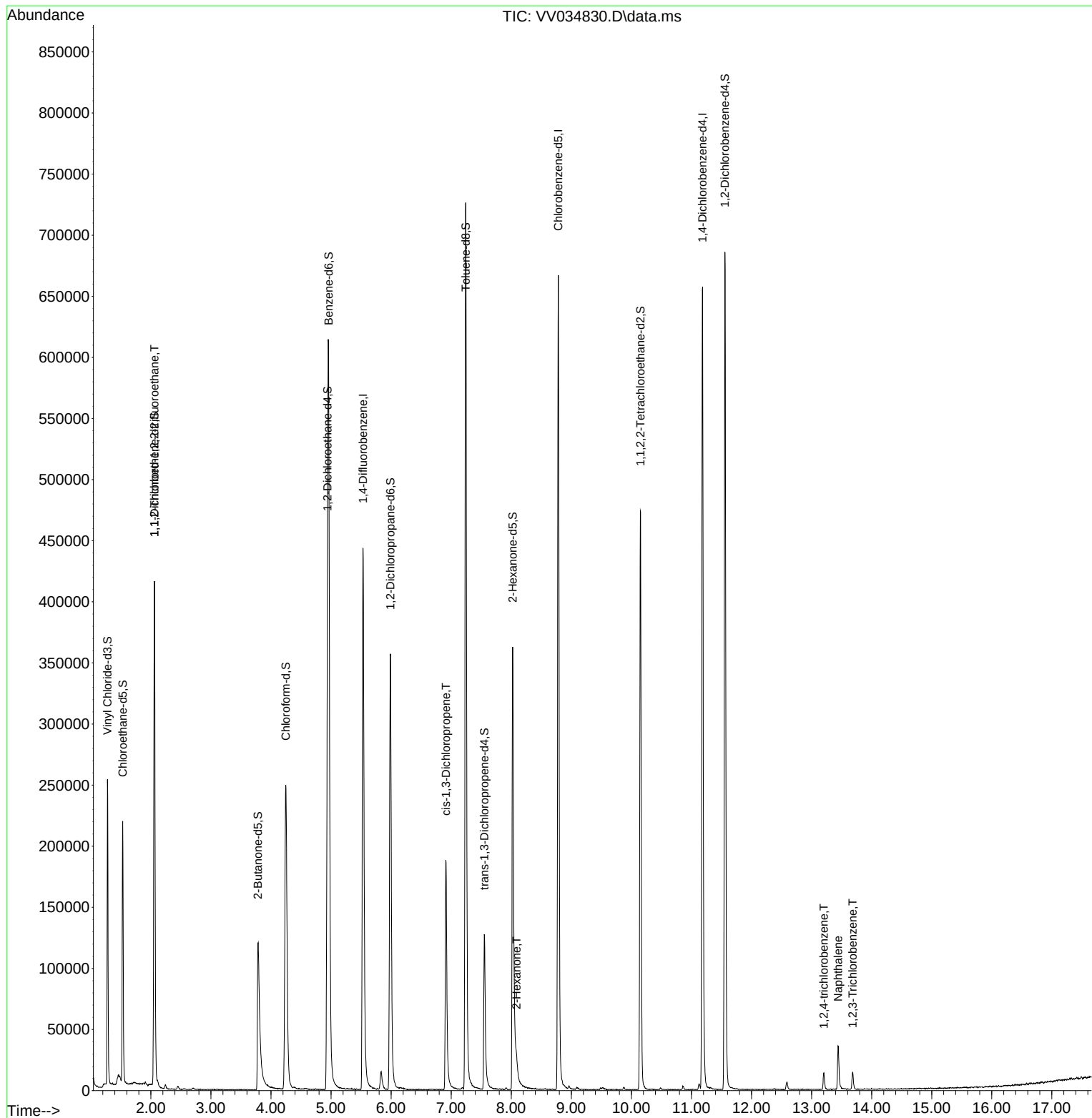
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	382374	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	358213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	160168	43.373	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.740%		
7) Chloroethane-d5	1.532	69	138454	43.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.340%		
11) 1,1-Dichloroethene-d2	2.060	65	71361	44.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.160%		
21) 2-Butanone-d5	3.783	46	201251	91.890	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.890%		
24) Chloroform-d	4.246	84	268900	43.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.620%		
26) 1,2-Dichloroethane-d4	4.941	65	176759	44.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.680%		
32) Benzene-d6	4.960	84	554510	46.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
36) 1,2-Dichloropropane-d6	5.989	67	178395	46.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.380%		
41) Toluene-d8	7.243	98	486518	44.897	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.800%		
43) trans-1,3-Dichloroprop...	7.551	79	78771	42.406	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.820%		
47) 2-Hexanone-d5	8.024	63	129722	89.796	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.800%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	232339	44.157	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.320%		
66) 1,2-Dichlorobenzene-d4	11.558	152	173178	46.648	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.300%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2245	0.748	ug/L #	25
39) cis-1,3-Dichloropropene	6.912	75	4279	0.841	ug/L #	43
48) 2-Hexanone	8.088	43	15149	4.322	ug/L #	83
70) 1,2,4-trichlorobenzene	13.204	180	4404	1.194	ug/L	93
71) Naphthalene	13.442	128	31159	3.045	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	4602	1.266	ug/L	99

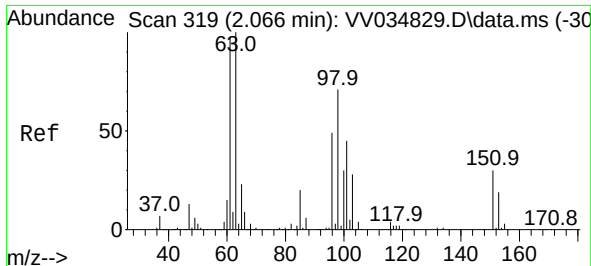
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:34:52 2024
Response via : Initial Calibration





#10

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

Concen: 0.748 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

Lab File: VV034830.D

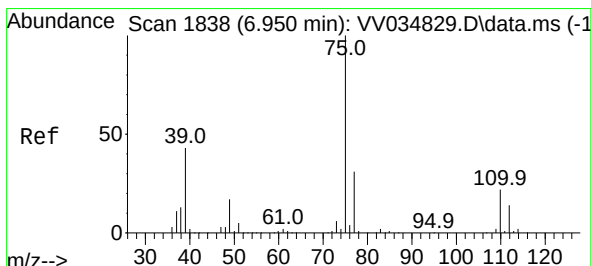
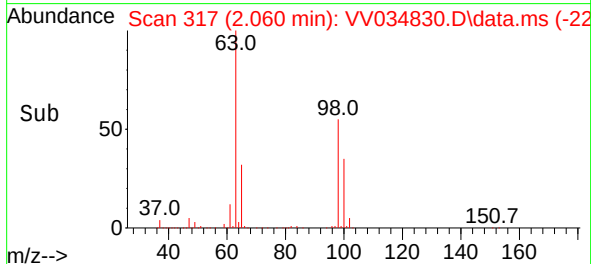
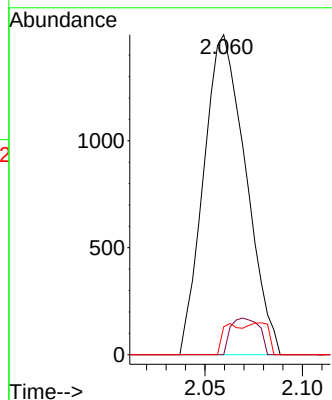
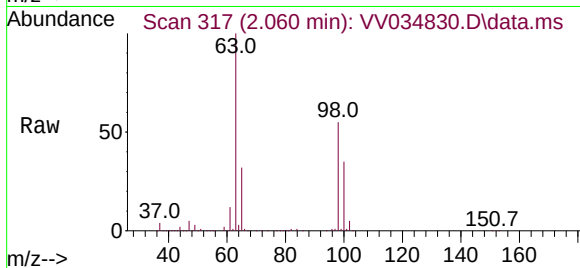
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	2245
Ion Ratio	Lower	Upper
101	100	
85	0.0	35.3 52.9#
151	4.5	55.0 82.4#



#39

cis-1,3-Dichloropropene

Concen: 0.841 ug/L

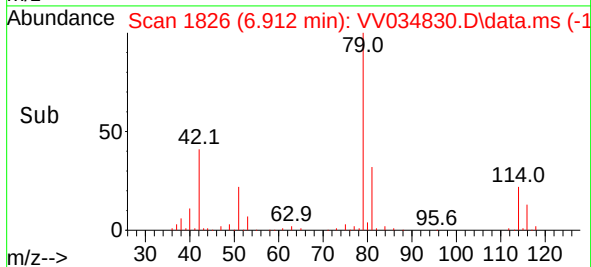
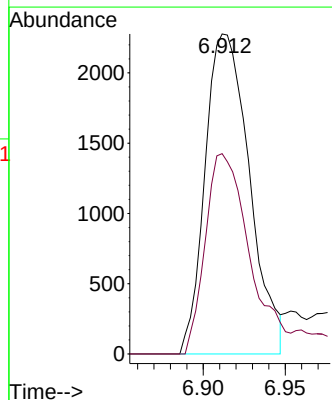
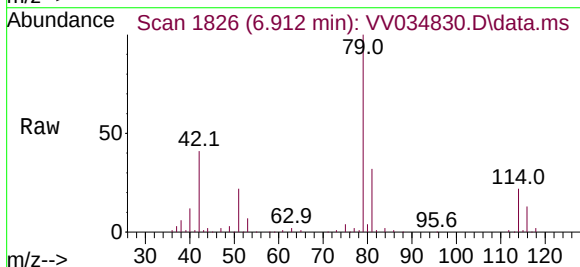
RT: 6.912 min Scan# 1826

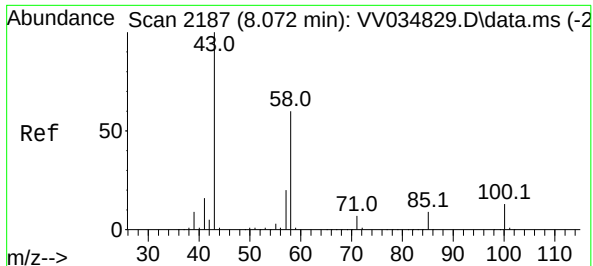
Delta R.T. -0.039 min

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Tgt Ion: 75	Resp:	4279
Ion Ratio	Lower	Upper
75	100	
77	62.6	21.9 40.7#





#48

2-Hexanone

Concen: 4.322 ug/L

RT: 8.088 min Scan# 2187

Delta R.T. 0.016 min

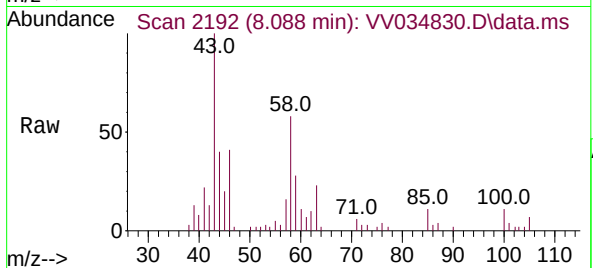
Lab File: VV034830.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 15149

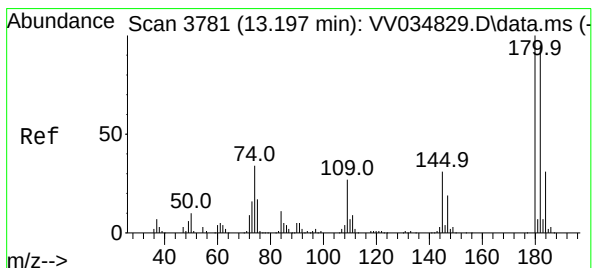
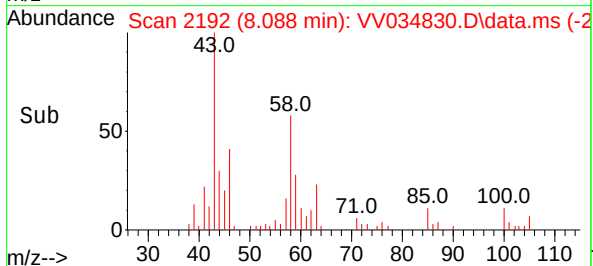
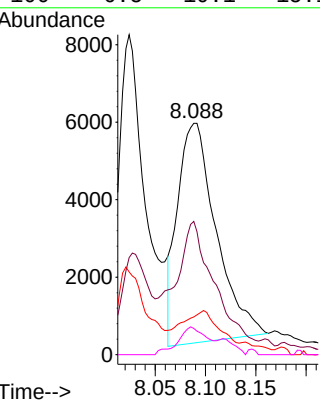
Ion Ratio Lower Upper

43 100

58 43.1 45.4 68.2#

57 14.5 16.2 24.4#

100 6.5 10.1 15.1#



#70

1,2,4-trichlorobenzene

Concen: 1.194 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034830.D

Acq: 26 Mar 2024 16:12

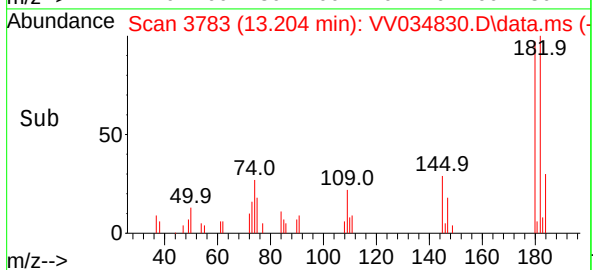
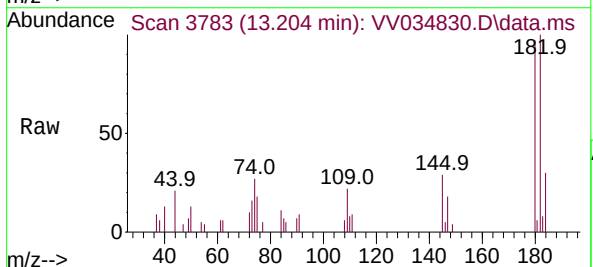
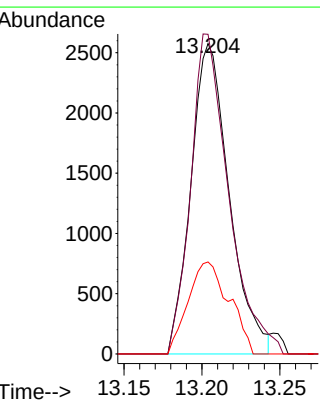
Tgt Ion:180 Resp: 4404

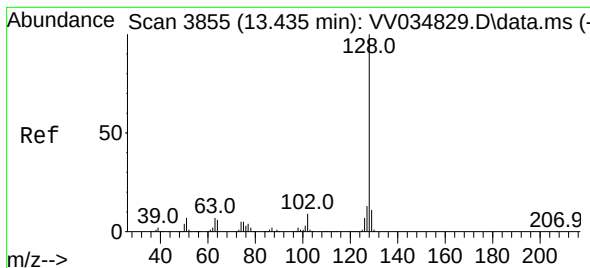
Ion Ratio Lower Upper

180 100

182 102.0 75.6 113.4

145 26.5 24.1 36.1





#71

Naphthalene

Concen: 3.045 ug/L

RT: 13.442 min Scan# 3855

Delta R.T. 0.006 min

Lab File: VV034830.D

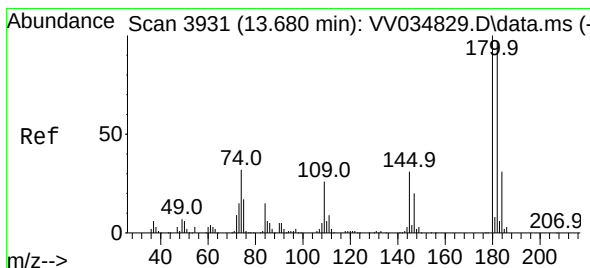
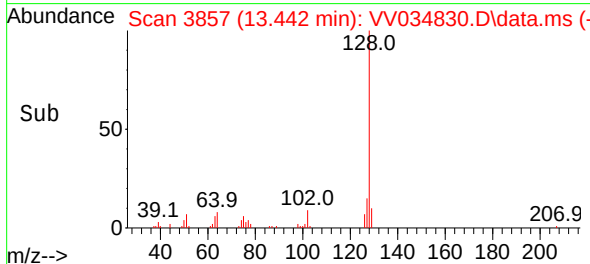
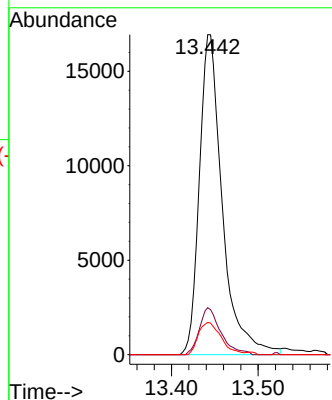
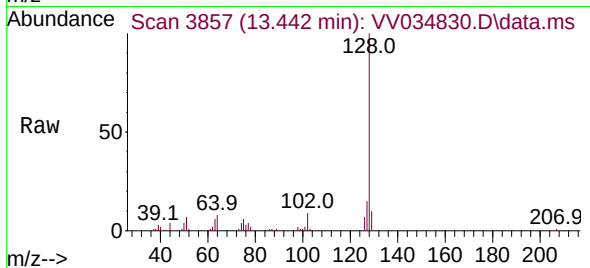
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	31159
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.5 15.7
129	10.0	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 1.266 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034830.D

Acq: 26 Mar 2024 16:12

Tgt Ion:180	Resp:	4602
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.2 114.2
145	32.6	25.8 38.6

