

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035359.D
 Acq On : 23 Apr 2024 14:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:29:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

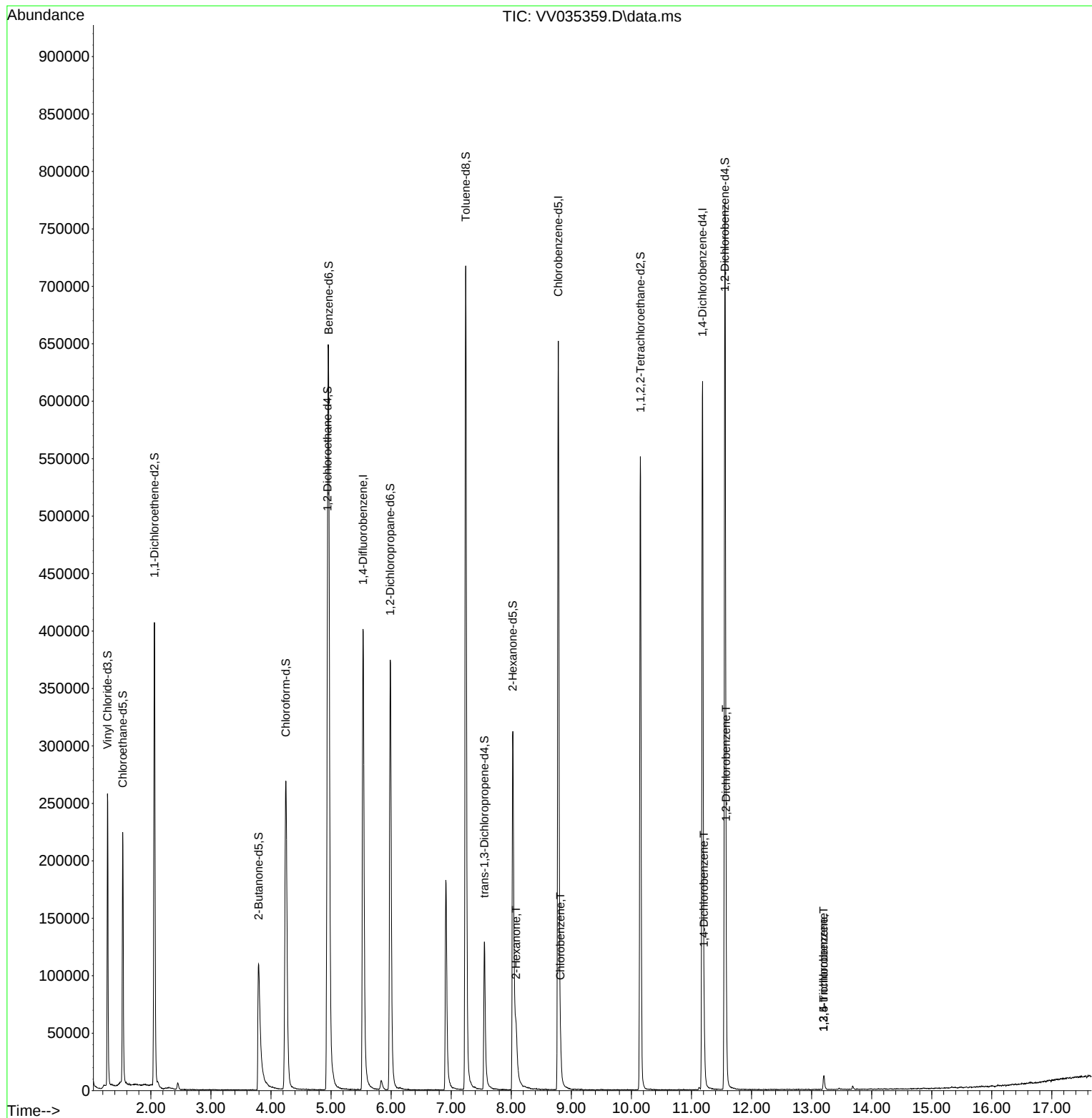
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	359209	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	368914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	168149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	166342	47.950	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.900%		
7) Chloroethane-d5	1.532	69	138540	45.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.960%		
11) 1,1-Dichloroethene-d2	2.060	65	69468	45.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.360%		
21) 2-Butanone-d5	3.793	46	199657	97.042	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.040%		
24) Chloroform-d	4.246	84	300216	51.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.940%		
26) 1,2-Dichloroethane-d4	4.940	65	193573	52.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.540%		
32) Benzene-d6	4.960	84	595341	48.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.080%		
36) 1,2-Dichloropropane-d6	5.985	67	194849	49.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.040%		
41) Toluene-d8	7.243	98	504973	45.248	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.500%		
43) trans-1,3-Dichloroprop...	7.551	79	81047	42.366	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.740%		
47) 2-Hexanone-d5	8.024	63	108784	73.118	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.120%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	274509	50.658	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.320%		
66) 1,2-Dichlorobenzene-d4	11.558	152	200938	53.224	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.440%		
Target Compounds						Qvalue
48) 2-Hexanone	8.082	43	33221	9.202	ug/L	93
51) Chlorobenzene	8.818	112	21087	2.583	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	18497	3.211	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	14304	2.535	ug/L	96
69) 1,3,5-Trichlorobenzene	13.201	180	4689	1.148	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	4689	1.250	ug/L	93

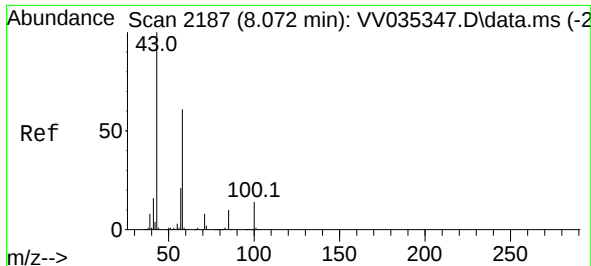
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Apr 23 23:29:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration



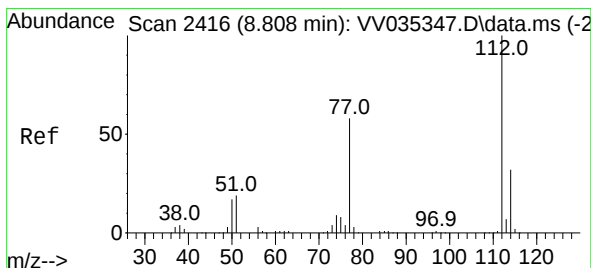
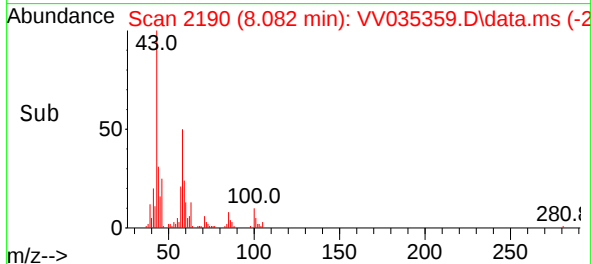
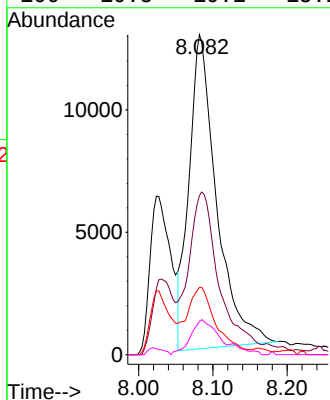
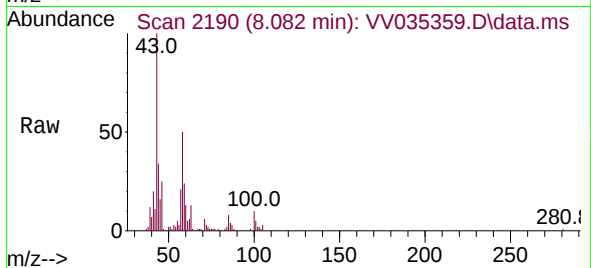


#48
2-Hexanone
Concen: 9.202 ug/L
RT: 8.082 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VV035359.D
Acq: 23 Apr 2024 14:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 33221

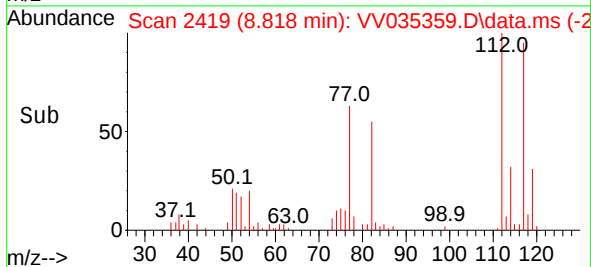
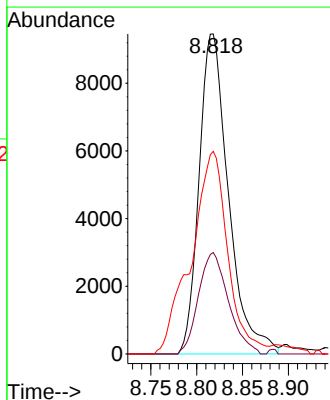
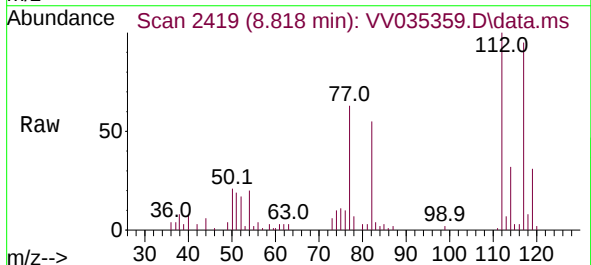
Ion	Ratio	Lower	Upper
43	100		
58	49.6	45.4	68.2
57	20.4	16.2	24.4
100	10.5	10.1	15.1

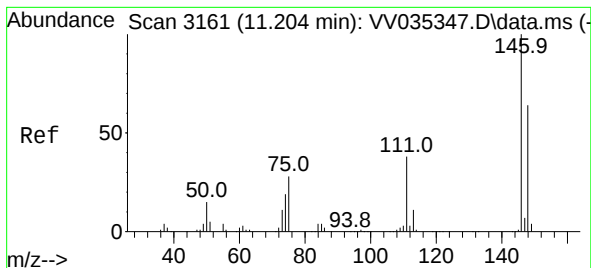


#51
Chlorobenzene
Concen: 2.583 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV035359.D
Acq: 23 Apr 2024 14:24

Tgt Ion: 112 Resp: 21087

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.0	41.0
77	63.3	47.4	71.2





#65

1,4-Dichlorobenzene

Concen: 3.211 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

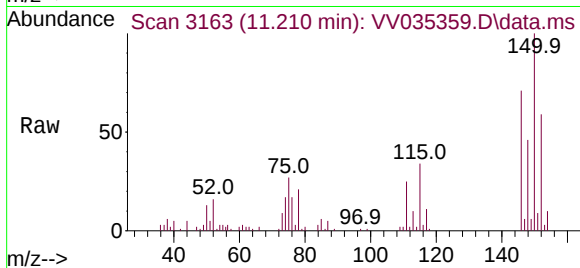
Lab File: VV035359.D

Acq: 23 Apr 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :



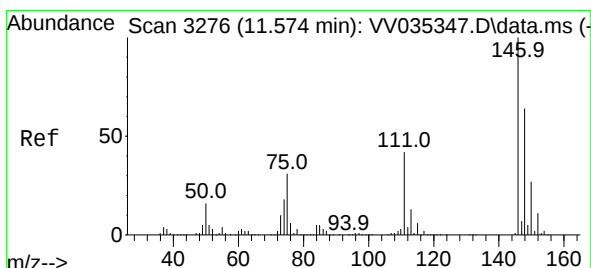
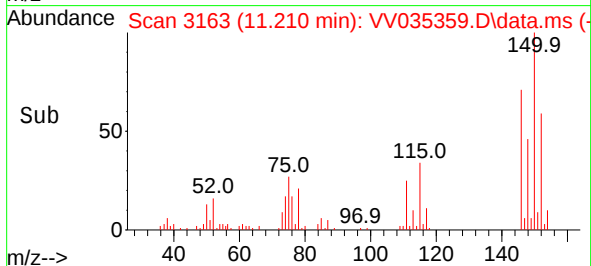
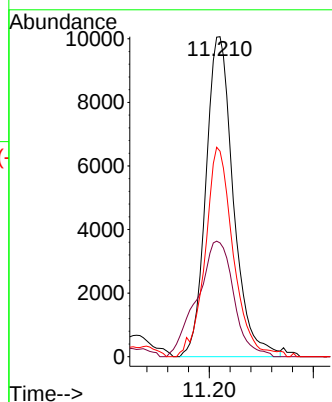
Tgt Ion:146 Resp: 18497

Ion Ratio Lower Upper

146 100

111 35.5 27.4 50.8

148 64.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 2.535 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035359.D

Acq: 23 Apr 2024 14:24

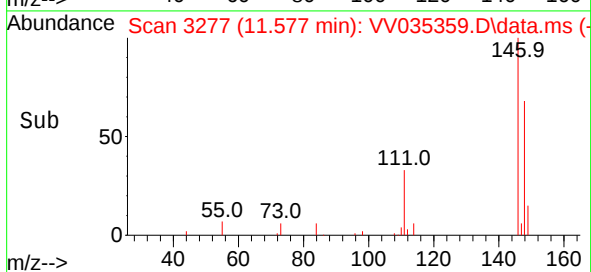
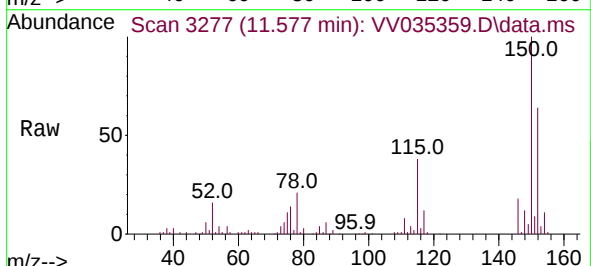
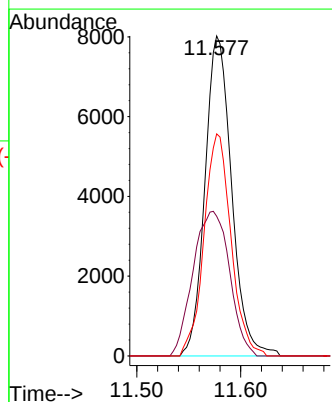
Tgt Ion:146 Resp: 14304

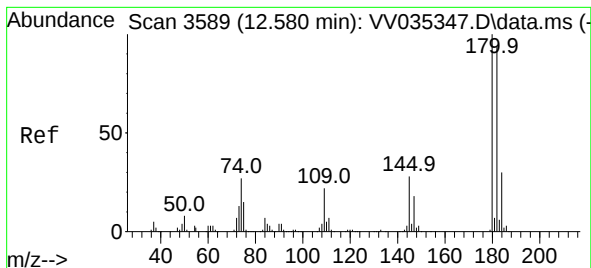
Ion Ratio Lower Upper

146 100

111 43.7 34.6 52.0

148 69.4 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 1.148 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035359.D

Acq: 23 Apr 2024 14:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 4689

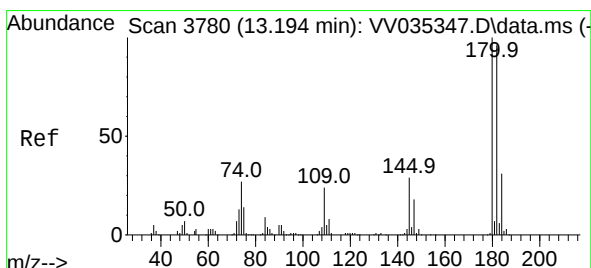
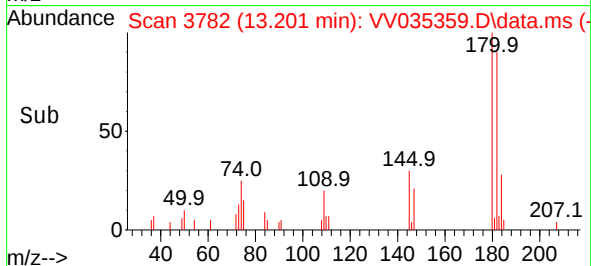
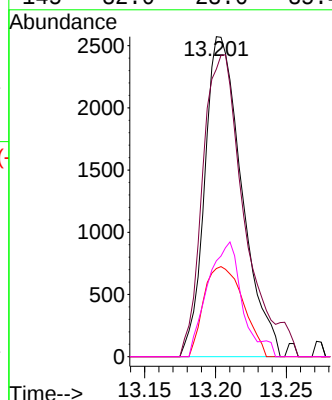
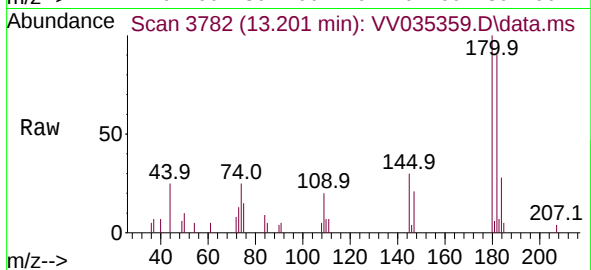
Ion Ratio Lower Upper

180 100

182 102.0 74.7 112.1

184 29.9 24.0 36.0

145 32.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.250 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035359.D

Acq: 23 Apr 2024 14:24

Tgt Ion:180 Resp: 4689

Ion Ratio Lower Upper

180 100

182 102.0 75.6 113.4

145 32.0 24.1 36.1

