

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036110.D
 Acq On : 18 Jun 2024 10:41
 Operator : SY/MD
 Sample : VV0618SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 03:27:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

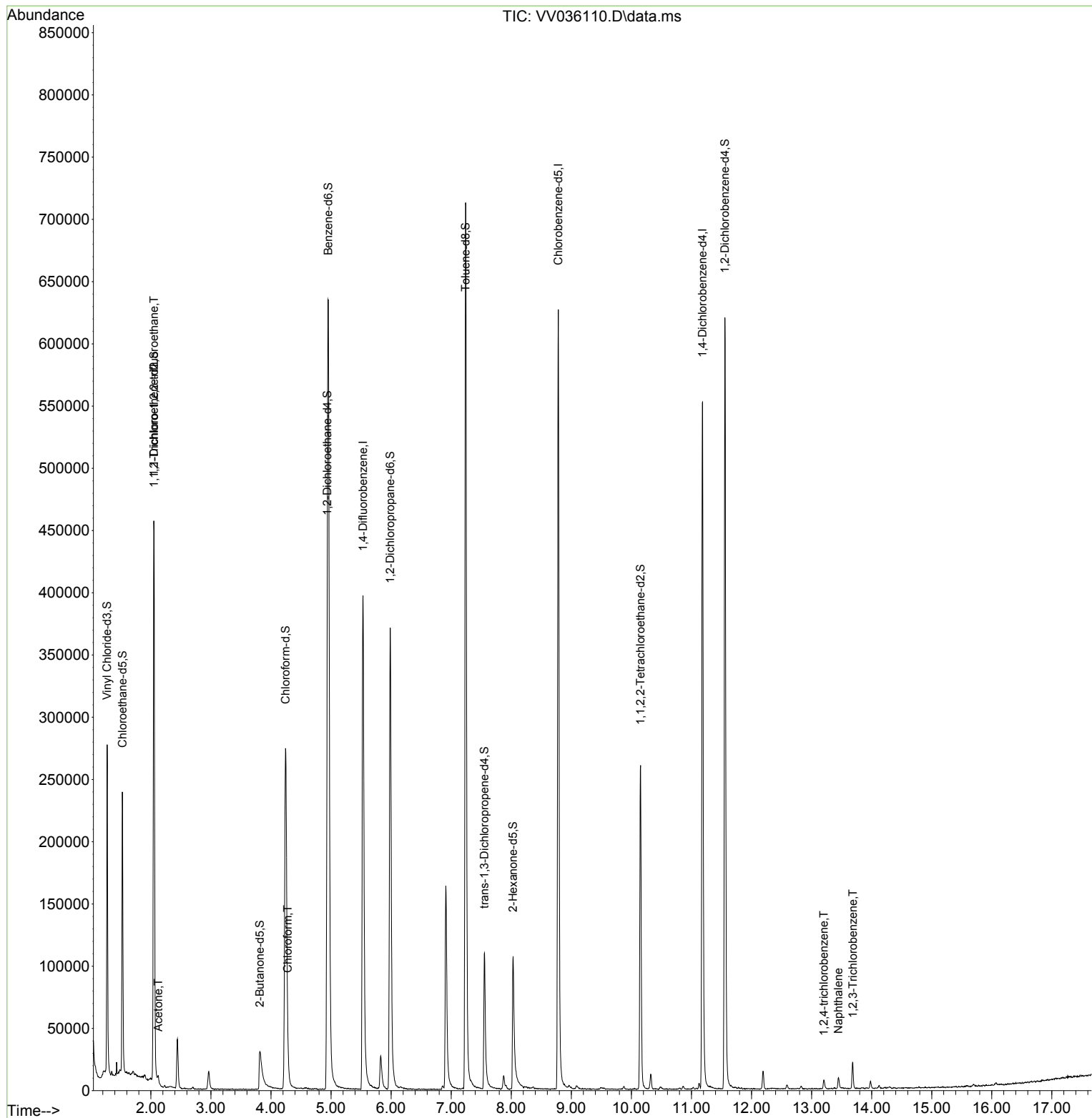
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	351117	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	352002	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148583	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	170937	26.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.920%	
7) Chloroethane-d5	1.526	69	145451	28.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.040%	
11) 1,1-Dichloroethene-d2	2.050	65	78096	27.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.720%	
21) 2-Butanone-d5	3.815	46	57657	38.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 77.860%	
24) Chloroform-d	4.243	84	299495	26.830	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.320%	
26) 1,2-Dichloroethane-d4	4.937	65	158357	27.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.240%	
32) Benzene-d6	4.954	84	579161	27.680	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.720%	
36) 1,2-Dichloropropane-d6	5.986	67	187635	28.476	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.920%	
41) Toluene-d8	7.240	98	488862	26.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.920%	
43) trans-1,3-Dichloroprop...	7.555	79	70103	25.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.800%	
47) 2-Hexanone-d5	8.031	63	39808	44.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 89.180%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132650	26.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.760%	
66) 1,2-Dichlorobenzene-d4	11.558	152	160872	29.525	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 118.080%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2794	0.463	ug/L #	46
13) Acetone	2.124	43	3101	1.344	ug/L #	42
25) Chloroform	4.278	83	7198	0.615	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	2731	0.463	ug/L	95
71) Naphthalene	13.445	128	8409	0.874	ug/L #	87
72) 1,2,3-Trichlorobenzene	13.686	180	2488	0.462	ug/L	99

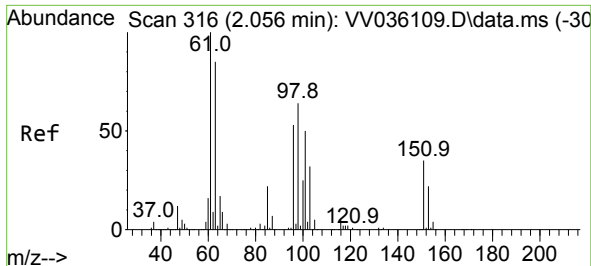
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
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Quant Time: Jun 19 03:27:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#10

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

Concen: 0.463 ug/L

RT: 2.053 min Scan# 316

Delta R.T. -0.003 min

Lab File: VV036110.D

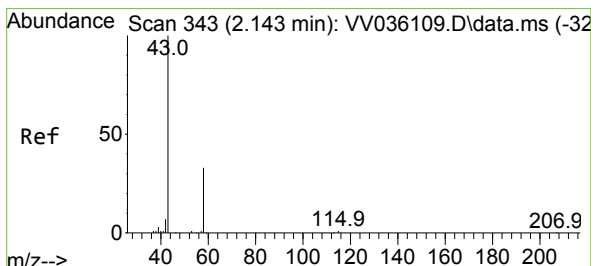
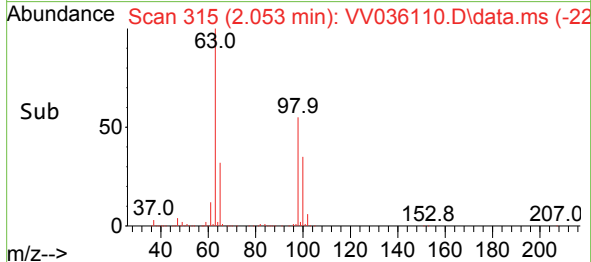
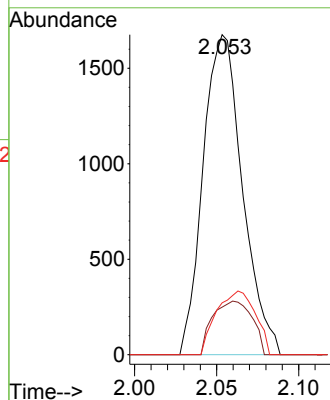
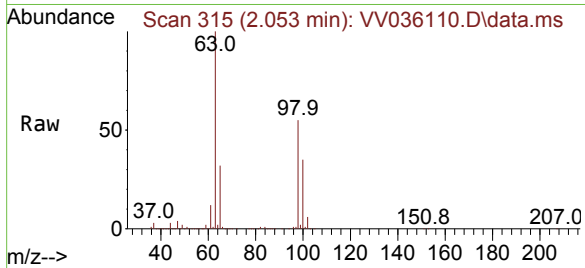
Acq: 18 Jun 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	2794
Ion Ratio	Lower	Upper
101	100	
85	16.8	34.5 51.7#
151	19.6	56.3 84.5#



#13

Acetone

Concen: 1.344 ug/L

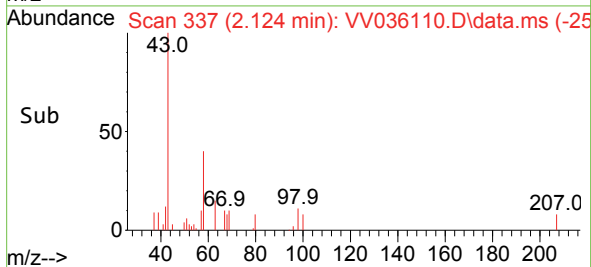
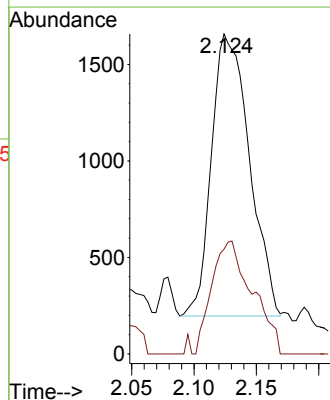
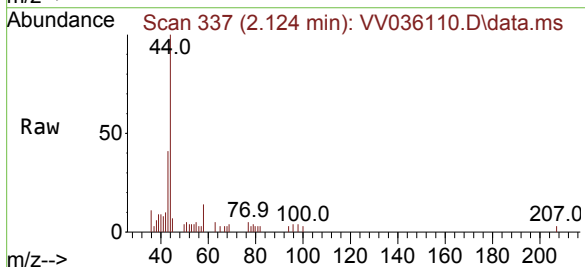
RT: 2.124 min Scan# 337

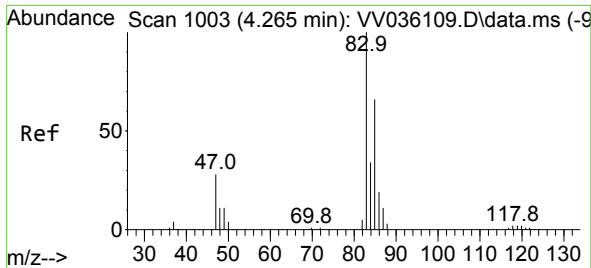
Delta R.T. -0.019 min

Lab File: VV036110.D

Acq: 18 Jun 2024 10:41

Tgt Ion: 43	Resp:	3101
Ion Ratio	Lower	Upper
43	100	
58	34.7	0.0 24.2#

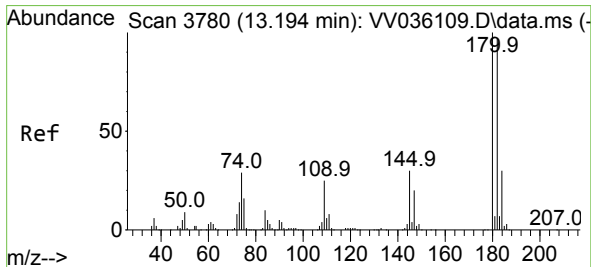
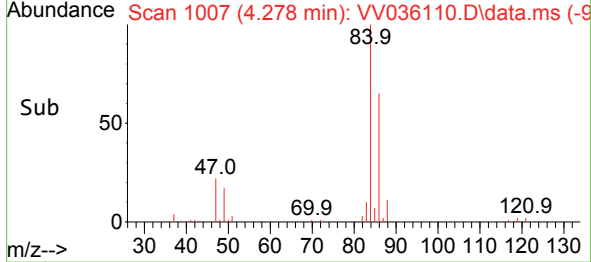
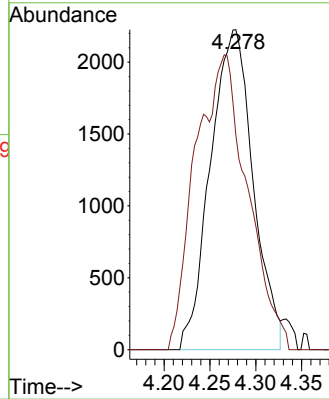
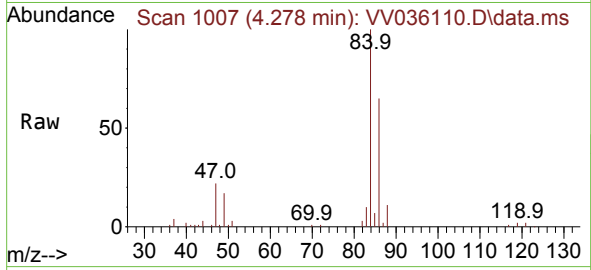




#25
Chloroform
Concen: 0.615 ug/L
RT: 4.278 min Scan# 10
Delta R.T. 0.013 min
Lab File: VV036110.D
Acq: 18 Jun 2024 10:41

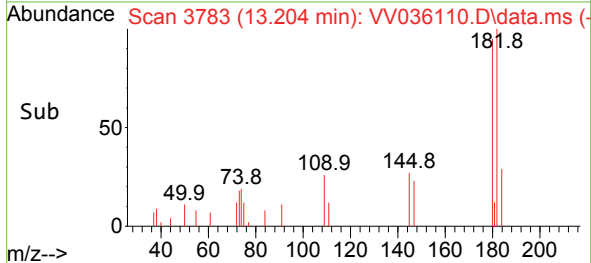
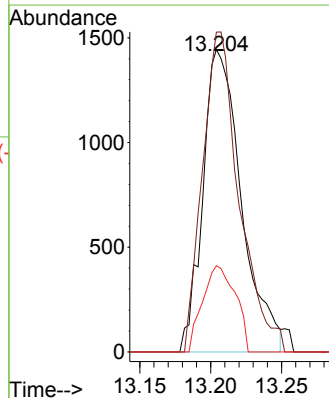
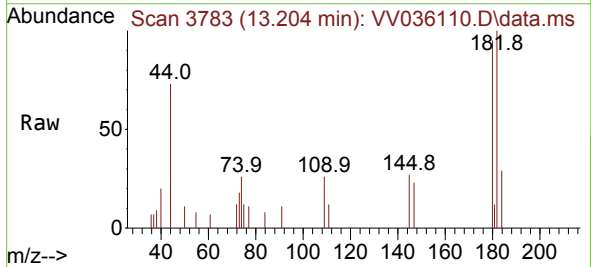
Instrument :
MSVOA_V
ClientSampleId :

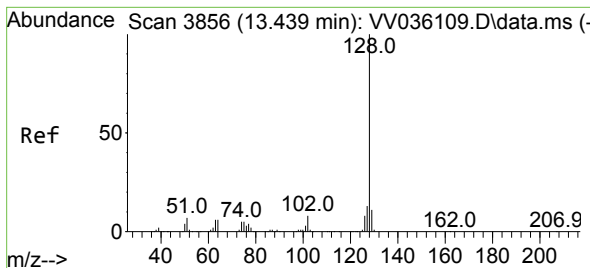
Tgt Ion: 83 Resp: 7198
Ion Ratio Lower Upper
83 100
85 67.1 45.2 84.0



#70
1,2,4-trichlorobenzene
Concen: 0.463 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.010 min
Lab File: VV036110.D
Acq: 18 Jun 2024 10:41

Tgt Ion:180 Resp: 2731
Ion Ratio Lower Upper
180 100
182 98.9 76.1 114.1
145 24.2 23.5 35.3





#71

Naphthalene

Concen: 0.874 ug/L

RT: 13.445 min Scan# 3856

Delta R.T. 0.007 min

Lab File: VV036110.D

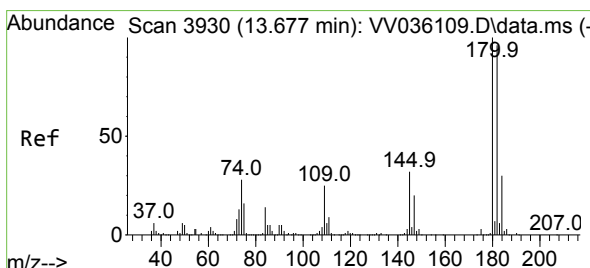
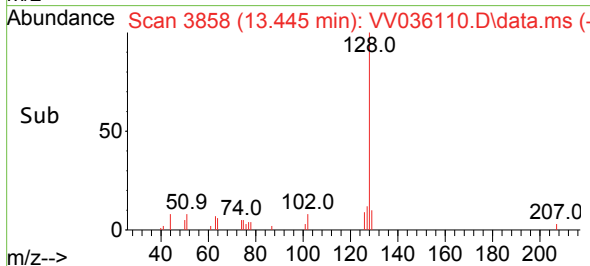
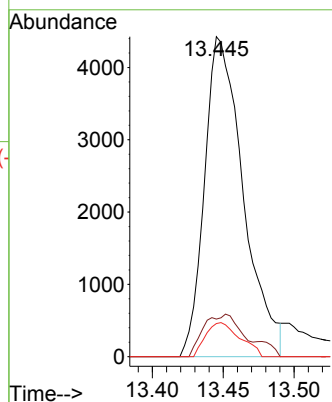
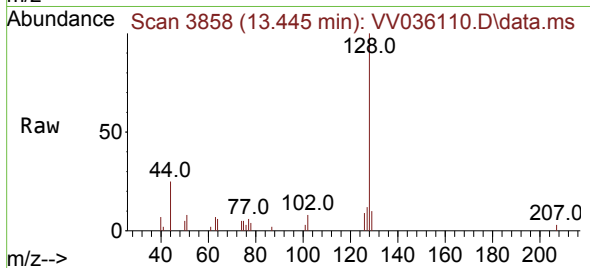
Acq: 18 Jun 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	8409
Ion Ratio	Lower	Upper
128	100	
127	5.4	10.6 16.0#
129	9.4	8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 0.462 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.010 min

Lab File: VV036110.D

Acq: 18 Jun 2024 10:41

Tgt Ion:180	Resp:	2488
Ion Ratio	Lower	Upper
180	100	
182	94.2	75.1 112.7
145	32.6	25.2 37.8

