

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059379.D
 Acq On : 20 Jun 2024 14:49
 Operator : MD/SY
 Sample : P2856-07DL 40X
 Misc : 2.80g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 05:59:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 05:55:12 2024
 Response via : Initial Calibration

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

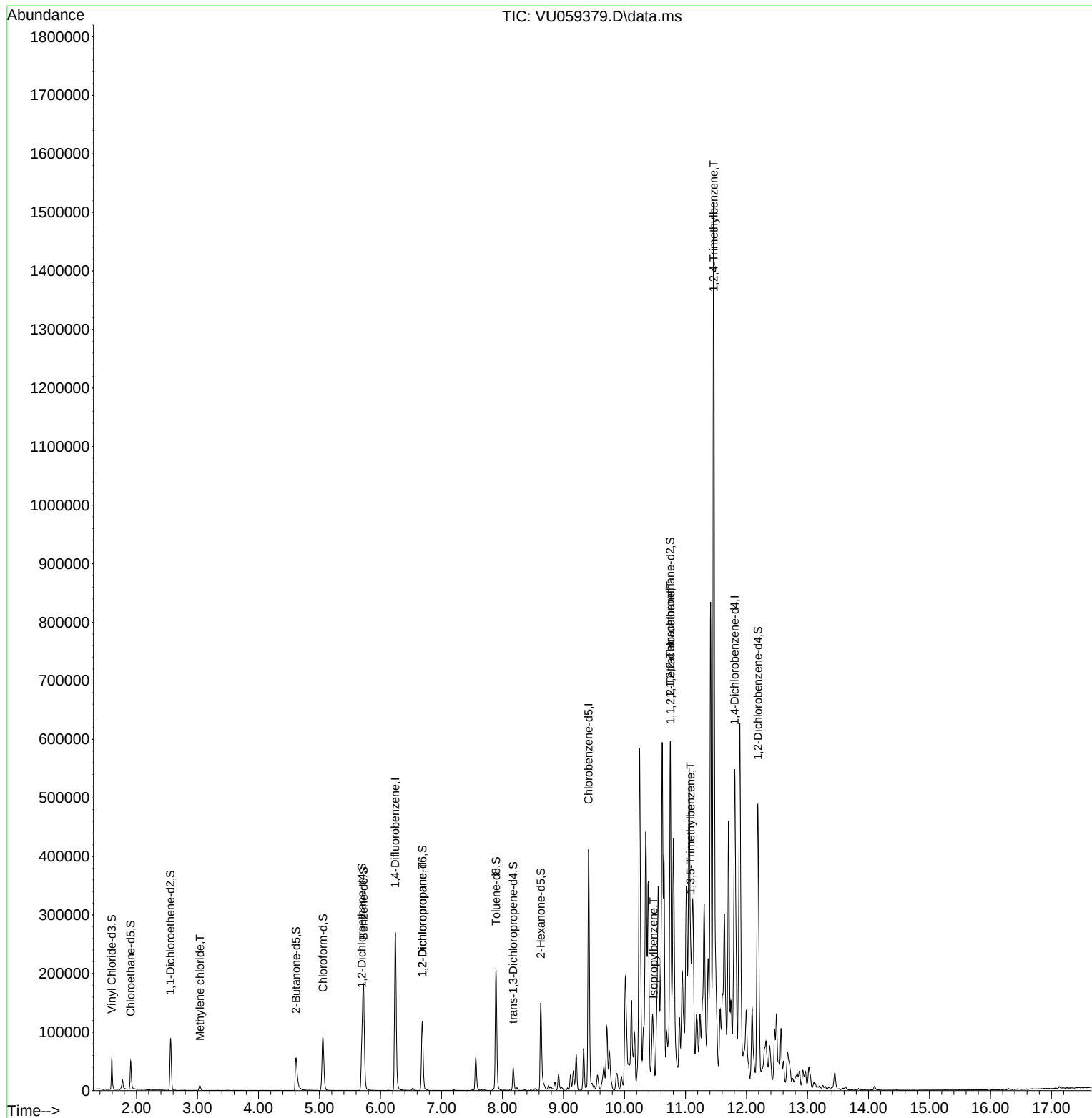
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	227742	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125497	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40594	29.770	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.540%#
7) Chloroethane-d5	1.904	69	39871	34.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.260%#
11) 1,1-Dichloroethene-d2	2.557	63	53179	19.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	39.520%#
21) 2-Butanone-d5	4.615	46	83202	64.735	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.740%
24) Chloroform-d	5.055	84	90051	33.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.340%#
26) 1,2-Dichloroethane-d4	5.695	65	59428	35.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.440%
32) Benzene-d6	5.721	84	174840	31.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.140%#
36) 1,2-Dichloropropane-d6	6.685	67	58564	30.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	61.340%#
41) Toluene-d8	7.894	98	144789	30.800	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.600%#
43) trans-1,3-Dichloroprop...	8.177	79	22934	29.715	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.420%#
47) 2-Hexanone-d5	8.627	63	48728	55.188	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	55.190%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	101868	31.524	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.040%#
66) 1,2-Dichlorobenzene-d4	12.187	152	67801	36.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.400%#
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	4365	2.005	ug/L	89
37) 1,2-Dichloropropane	6.685	63	6156	2.488	ug/L #	90
57) 1,1,2,2-Tetrachloroethane	10.756	83	9231	2.278	ug/L #	86
61) Isopropylbenzene	10.479	105	17138	1.941	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	56762	8.873	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	745225	107.465	ug/L	98

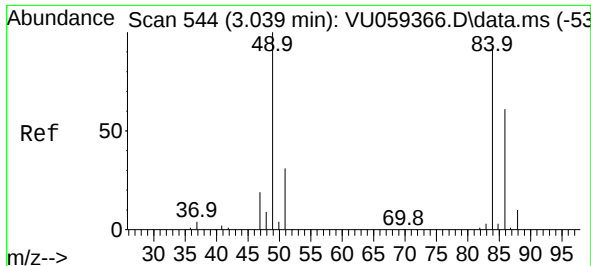
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

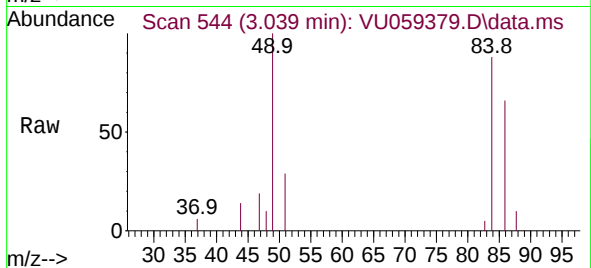
Quant Time: Jun 21 05:59:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
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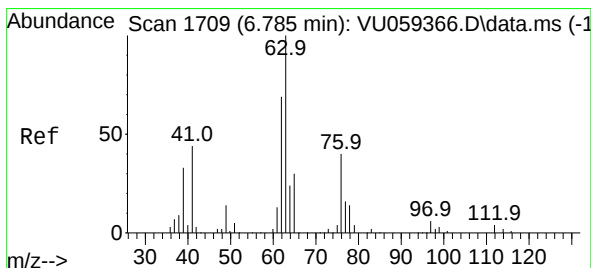
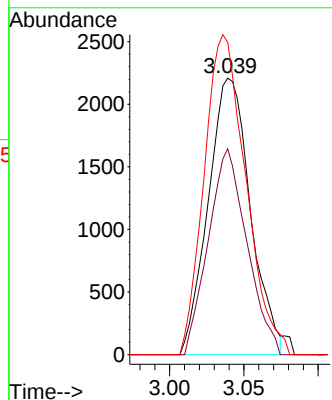
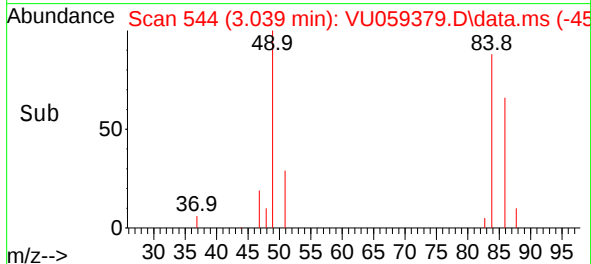


#16
Methylene chloride
Concen: 2.005 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU059379.D
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Instrument :
MSVOA_U
ClientSampleId :

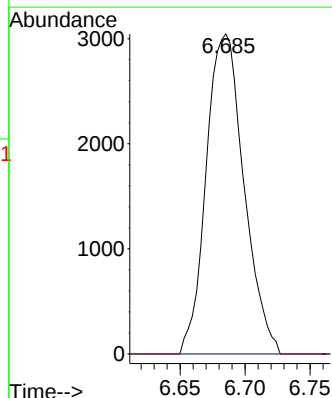
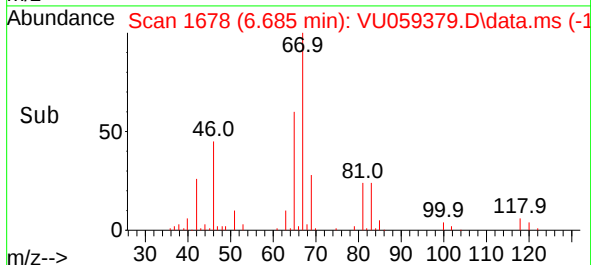
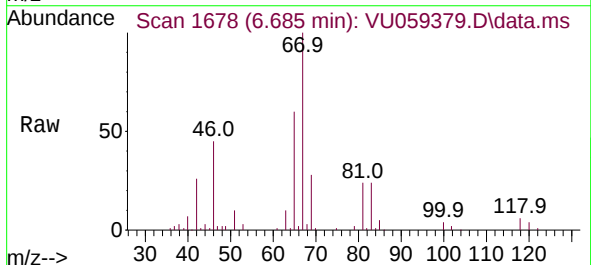


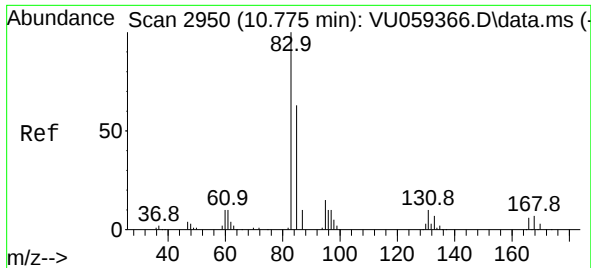
Tgt Ion: 84 Resp: 4365
Ion Ratio Lower Upper
84 100
86 74.5 44.9 83.3
49 113.0 87.5 162.5



#37
1,2-Dichloropropane
Concen: 2.488 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU059379.D
Acq: 20 Jun 2024 14:49

Tgt Ion: 63 Resp: 6156
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#57

1,1,2,2-Tetrachloroethane

Concen: 2.278 ug/L

RT: 10.756 min Scan# 2950

Delta R.T. -0.019 min

Lab File: VU059379.D

Acq: 20 Jun 2024 14:49

Instrument :

MSVOA_U

ClientSampleId :

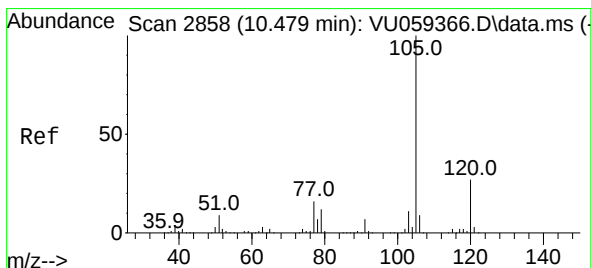
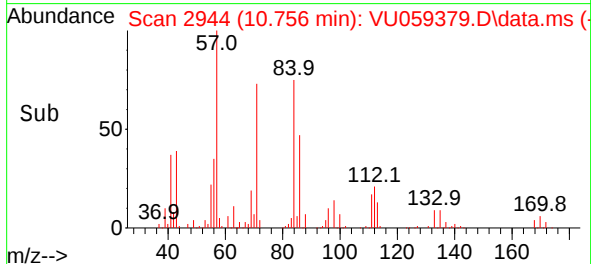
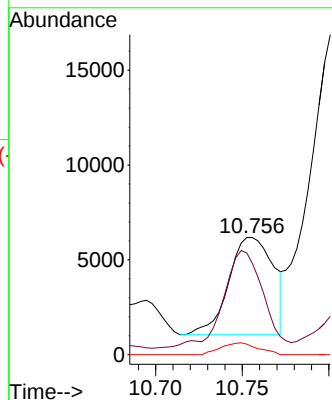
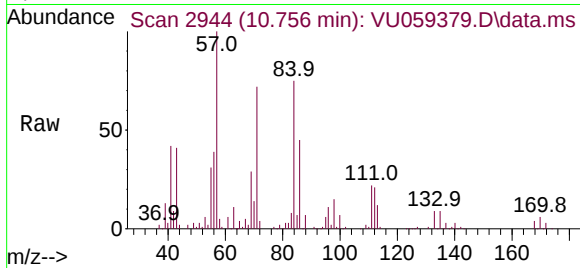
Tgt Ion: 83 Resp: 9231

Ion Ratio Lower Upper

83 100

85 78.1 46.1 85.7

131 6.8 7.0 10.4#



#61

Isopropylbenzene

Concen: 1.941 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059379.D

Acq: 20 Jun 2024 14:49

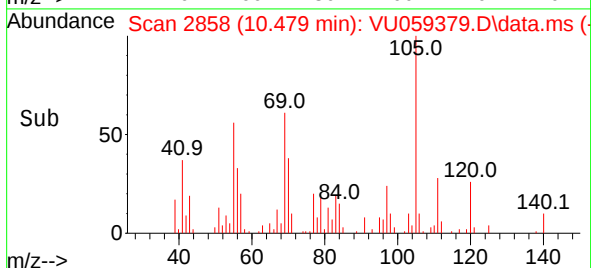
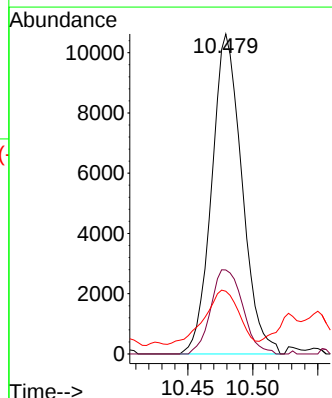
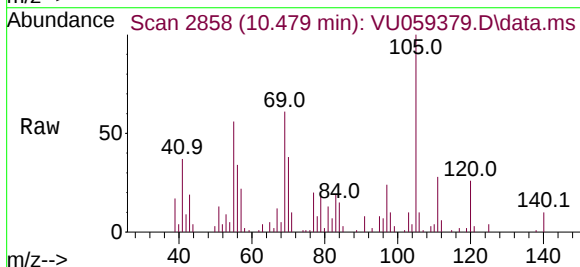
Tgt Ion:105 Resp: 17138

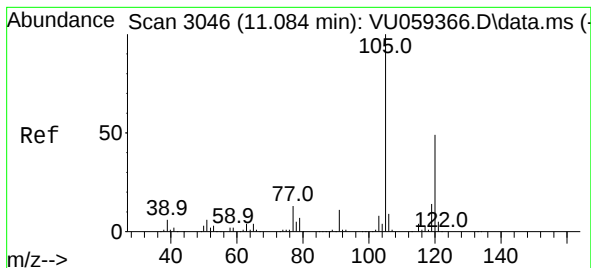
Ion Ratio Lower Upper

105 100

120 27.7 20.3 30.5

77 19.3 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 8.873 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059379.D

Acq: 20 Jun 2024 14:49

Instrument :

MSVOA_U

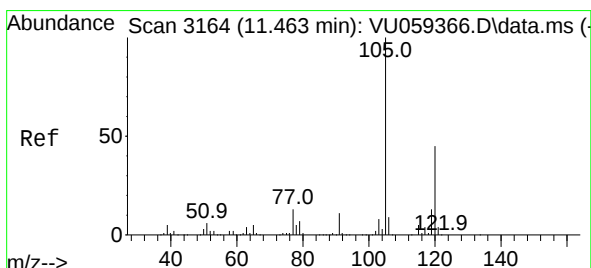
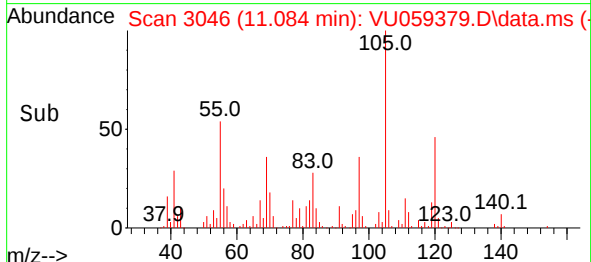
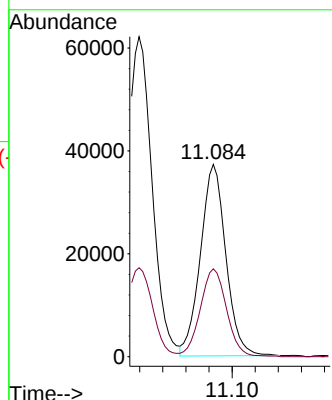
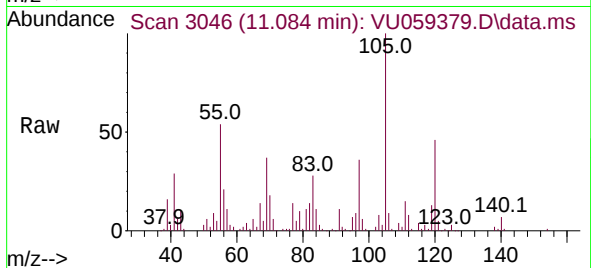
ClientSampleId :

Tgt Ion:105 Resp: 56762

Ion Ratio Lower Upper

105 100

120 46.8 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 107.465 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059379.D

Acq: 20 Jun 2024 14:49

Tgt Ion:105 Resp: 745225

Ion Ratio Lower Upper

105 100

120 44.9 35.0 52.6

