

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
 Data File : VW017956.D
 Acq On : 19 Jan 2021 14:36
 Operator : SY/VA
 Sample : M1170-04
 Misc : 4.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT86

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 7:00:28 AM

Quant Time: Jan 20 04:57:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	456301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	410418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	178694	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	162220	22.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.60%		
7) Chloroethane-d5	2.885	69	135120	22.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.40%		
10) 1,1-Dichloroethene-d2	4.019	63	218371	16.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.52%		
20) 2-Butanone-d5	7.080	46	50142	28.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.90%		
24) Chloroform-d	7.653	84	280379	22.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.08%		
26) 1,2-Dichloroethane-d4	8.305	65	151995	21.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.32%		
29) Benzene-d6	8.275	84	569117	24.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.92%		
33) 1,2-Dichloropropane-d6	9.274	67	159942	23.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.72%		
37) Toluene-d8	10.323	98	534679	24.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.96%		
38) trans-1,3-Dichloroprop...	10.579	79	59402	19.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.84%		
39) 2-Hexanone-d5	10.927	63	35742	29.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.66%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	102543	17.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	152622	24.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.20%		
Target Compounds						Qvalue
3) Chloromethane	2.209	50	8725	1.75	ug/L	90
13) Acetone	4.141	43	3927m	3.22	ug/L	
14) Carbon disulfide	4.385	76	7428	0.40	ug/L	95
16) Methylene chloride	4.928	84	7200	1.09	ug/L	94
34) Benzene	8.323	78	14224	0.59	ug/L	100
53) Ethylbenzene	11.731	91	7219	0.24	ug/L #	81

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

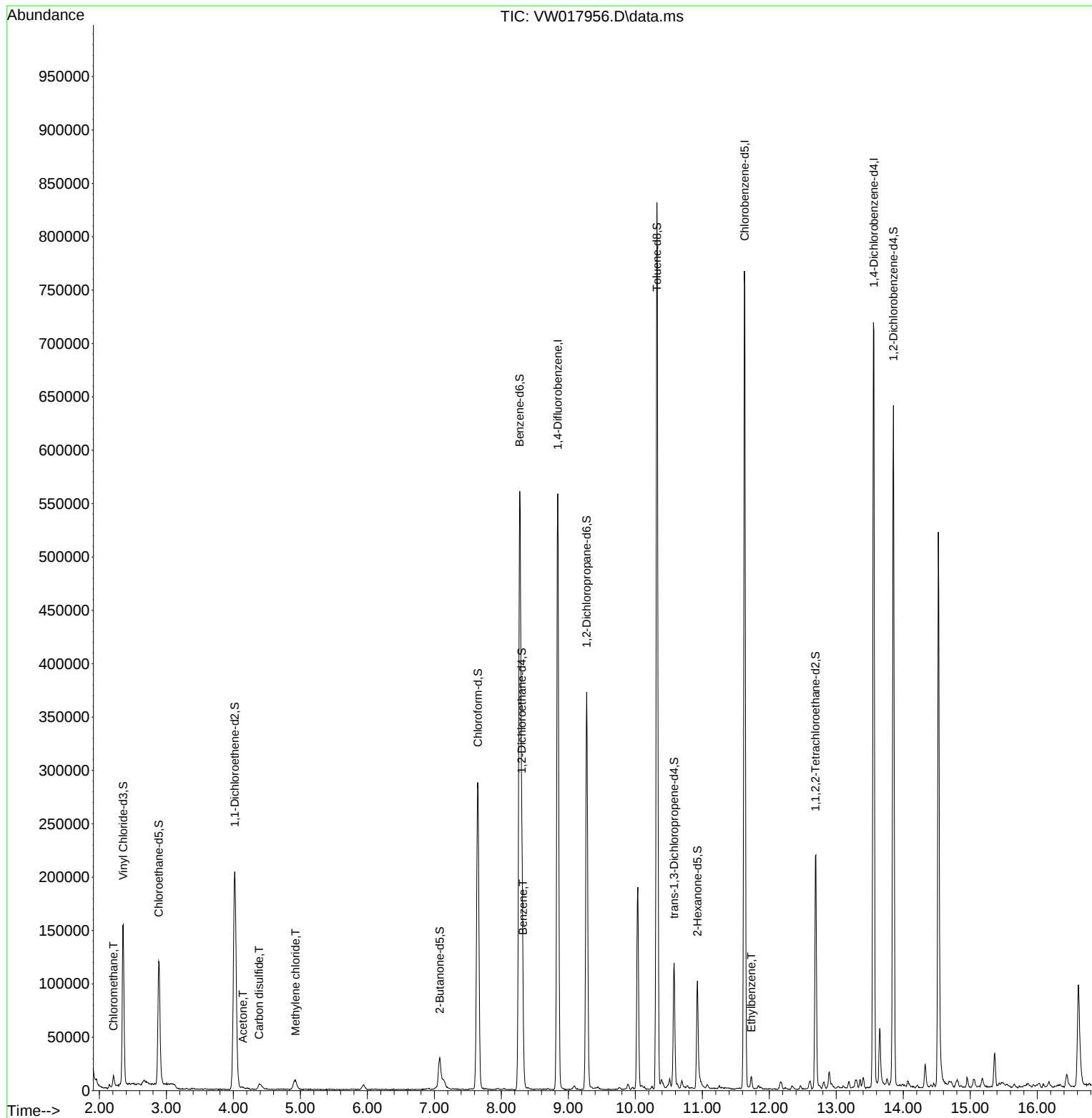
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
Data File : VW017956.D
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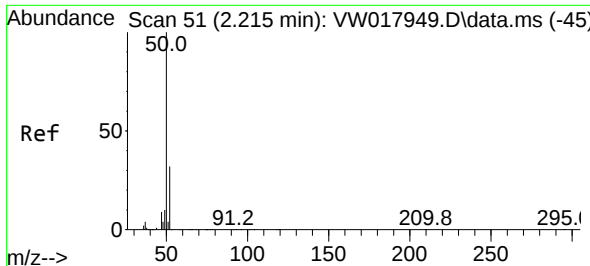
Instrument :
MSVOA_W
ClientSampleId :
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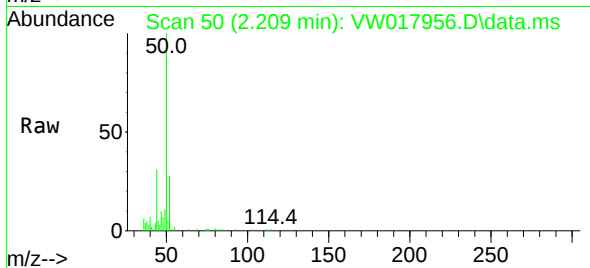
Quant Time: Jan 20 04:57:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 04:48:23 2021
Response via : Initial Calibration





#3
Chloromethane
Concen: 1.75 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

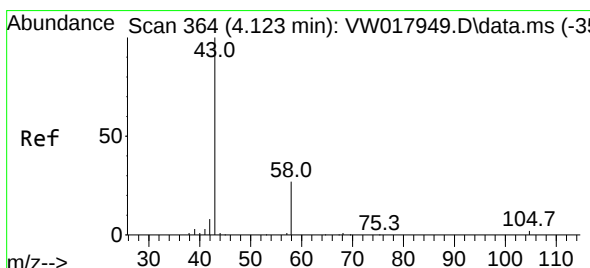
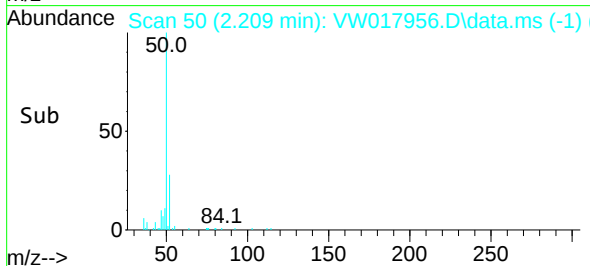
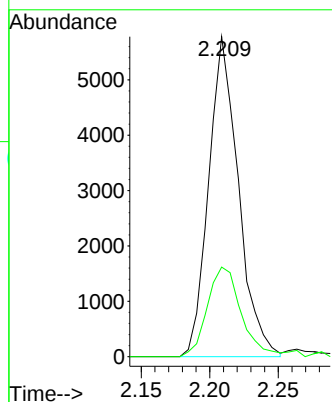
Instrument :
MSVOA_W
ClientSampled :
BFT86



Tgt Ion: 50 Resp: 8725
Ion Ratio Lower Upper
50 100
52 28.0 23.4 43.6

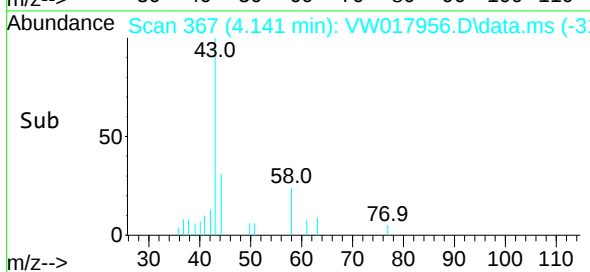
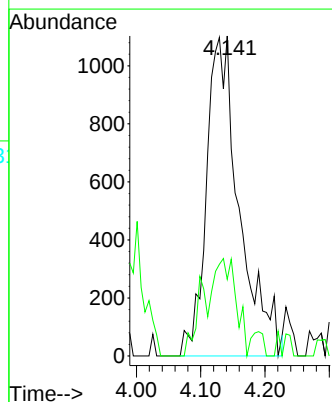
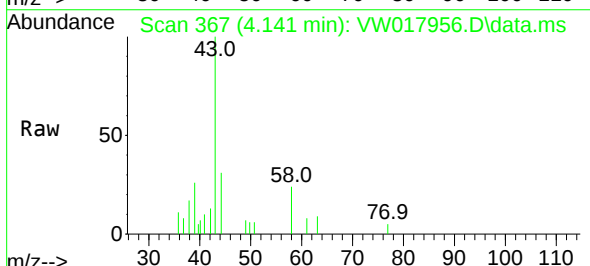
Manual Integrations
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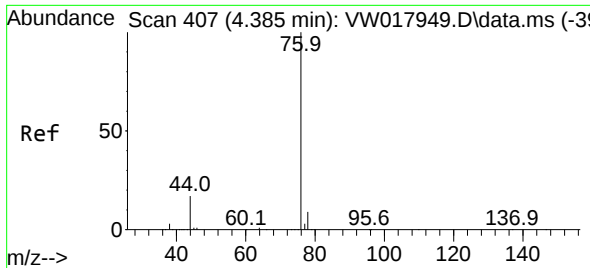
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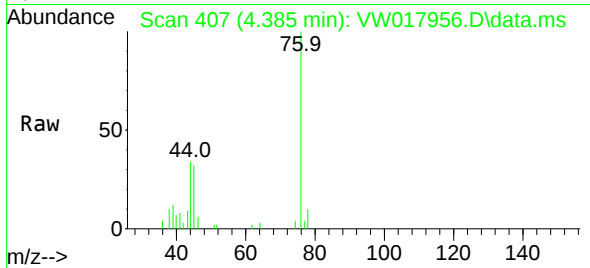
#13
Acetone
Concen: 3.22 ug/L m
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 43 Resp: 3927
Ion Ratio Lower Upper
43 100
58 7.0 0.0 68.4

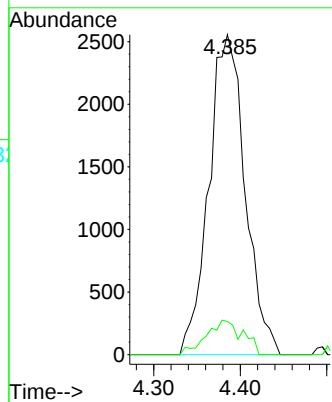
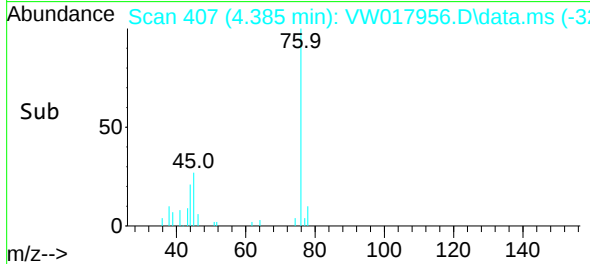




#14
Carbon disulfide
Concen: 0.40 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36



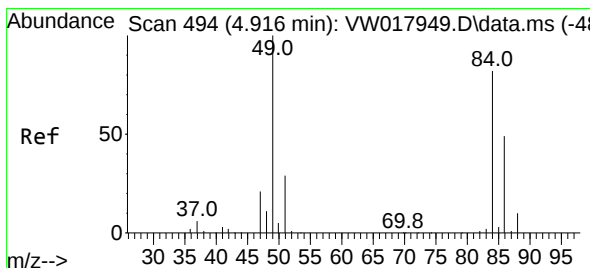
Tgt Ion: 76 Resp: 7428
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4



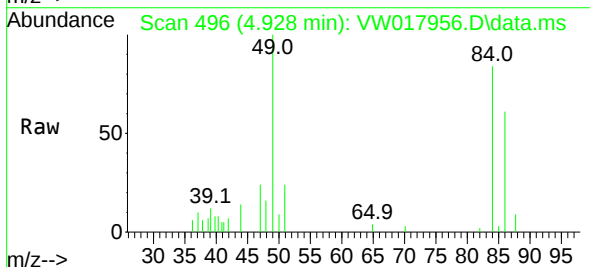
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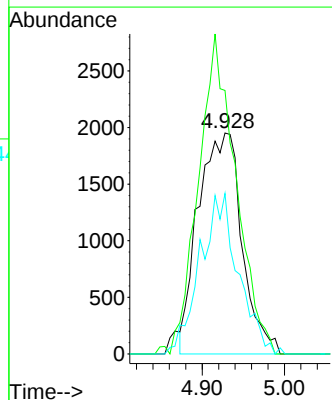
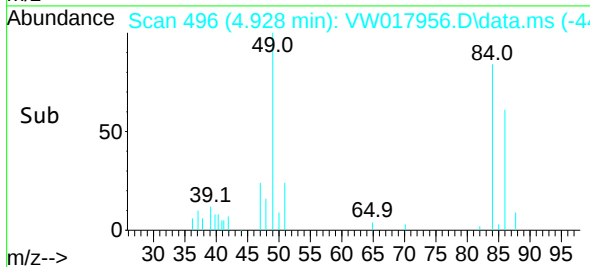
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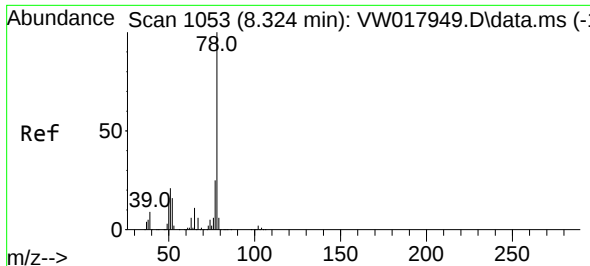


#16
Methylene chloride
Concen: 1.09 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36



Tgt Ion: 84 Resp: 7200
Ion Ratio Lower Upper
84 100
49 119.3 81.2 150.8
86 72.6 44.5 82.7





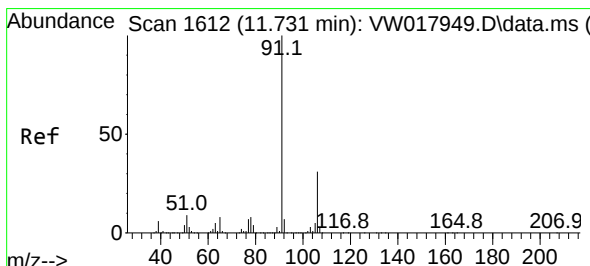
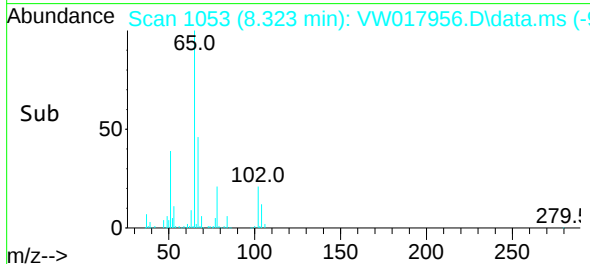
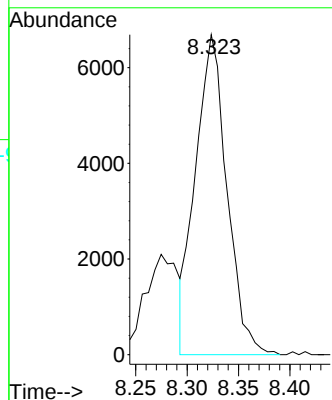
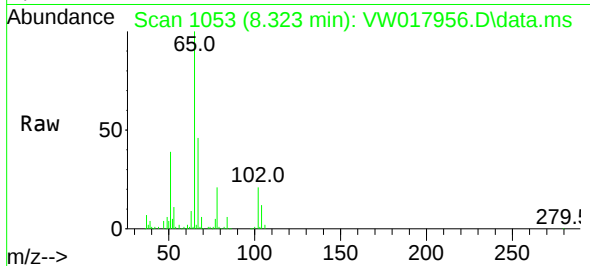
#34
Benzene
Concen: 0.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 78 Resp: 14224

Instrument :
MSVOA_W
ClientSampleId :
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#53
Ethylbenzene
Concen: 0.24 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017956.D
Acq: 19 Jan 2021 14:36

Tgt Ion: 91 Resp: 7219
Ion Ratio Lower Upper
91 100
106 40.1 21.1 39.1#

