

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018641.D
 Acq On : 13 Apr 2021 14:36
 Operator : SY/VA
 Sample : M2011-12RE
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG792RE

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 11:36:57 AM

Quant Time: Apr 14 01:27:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	438829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	327911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	99179	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	154897	25.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	101.48%		
7) Chloroethane-d5	2.891	69	119184	22.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.20%		
10) 1,1-Dichloroethene-d2	4.019	63	163423	15.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.00%		
20) 2-Butanone-d5	7.080	46	72477	53.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.62%		
24) Chloroform-d	7.647	84	236684	21.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.72%		
26) 1,2-Dichloroethane-d4	8.305	65	139237m	21.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.36%		
29) Benzene-d6	8.275	84	472779	27.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.48%		
33) 1,2-Dichloropropane-d6	9.274	67	132991	26.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.80%		
37) Toluene-d8	10.323	98	426073	25.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.52%		
38) trans-1,3-Dichloroprop...	10.579	79	38843	14.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	59.92%		
39) 2-Hexanone-d5	10.927	63	52280	53.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.26%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	110218	24.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	80128	22.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.88%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	49915	51.11	ug/L	95
14) Carbon disulfide	4.385	76	6906	0.42	ug/L #	94
16) Methylene chloride	4.922	84	9780m	1.36	ug/L	
21) 2-Butanone	7.177	43	12522	8.07	ug/L	86
43) 4-Methyl-2-pentanone	10.213	43	4701	1.68	ug/L #	89
44) Toluene	10.390	91	6861	0.32	ug/L	86

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

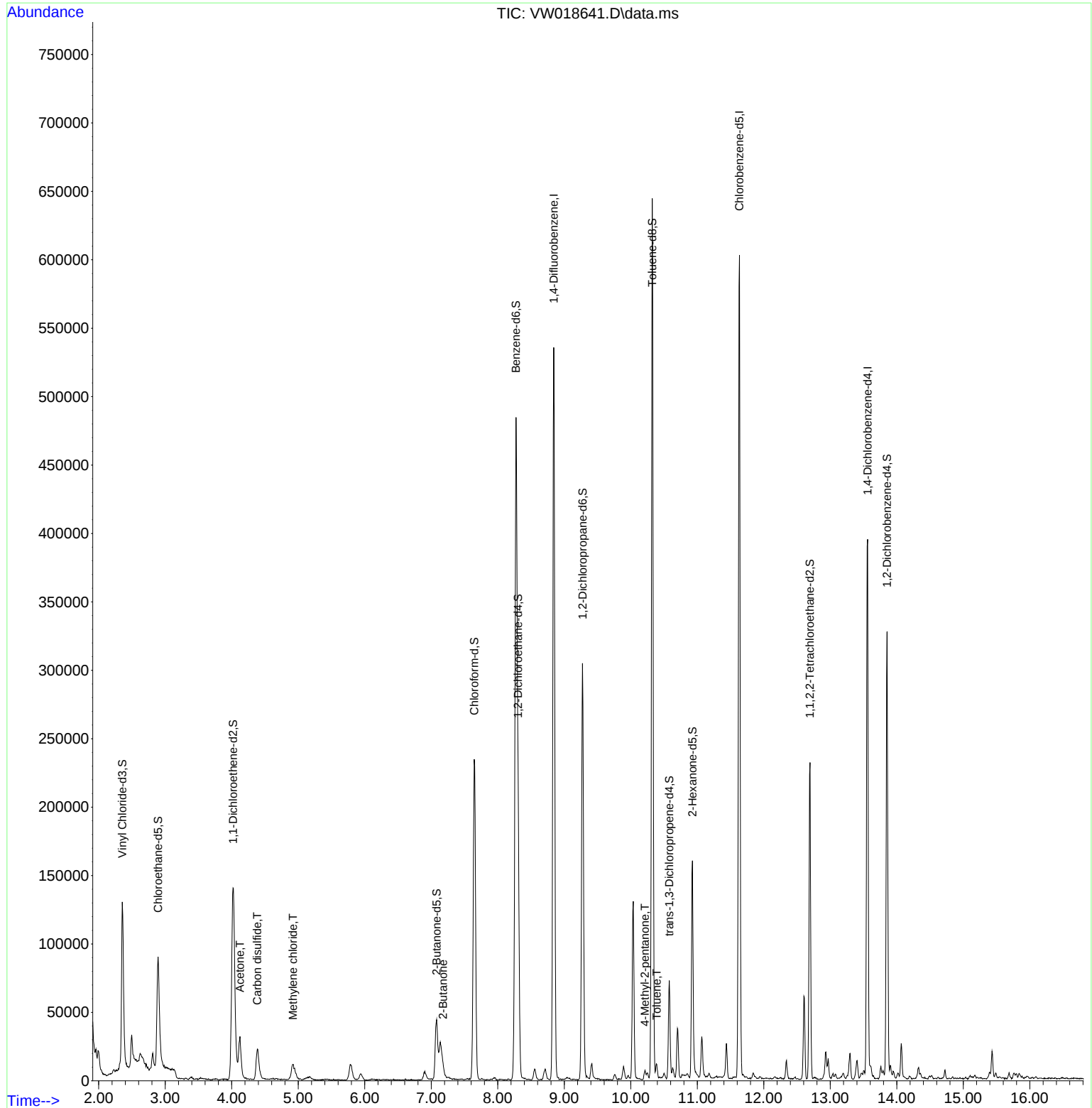
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Data File : VW018641.D
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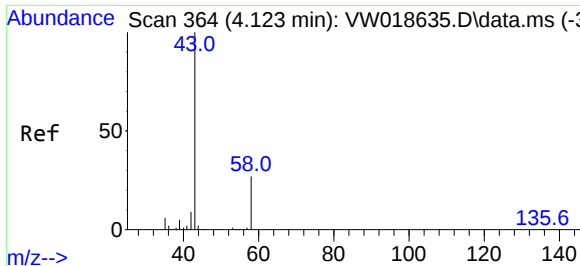
Instrument :
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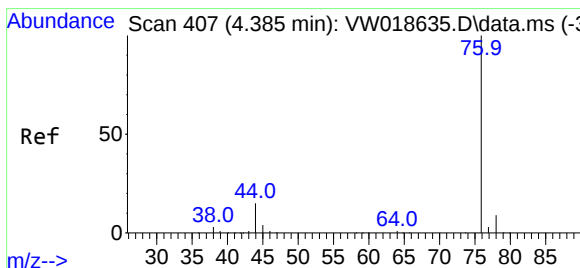
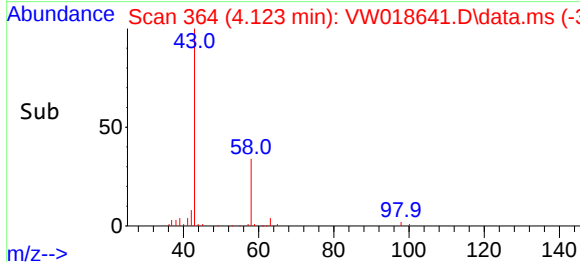
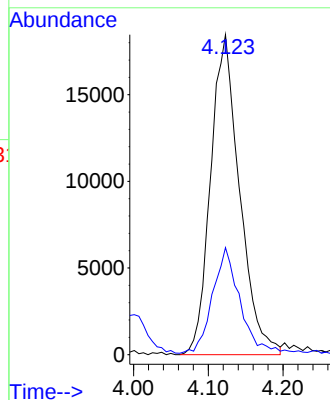
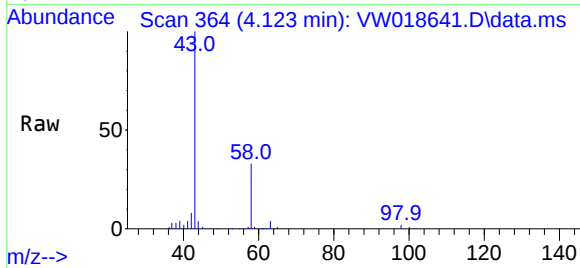
#13
Acetone
Concen: 51.11 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Tgt Ion: 43 Resp: 49915
Ion Ratio Lower Upper
43 100
58 28.2 0.0 62.2

Instrument :
MSVOA_W
ClientSampled :
BG792RE

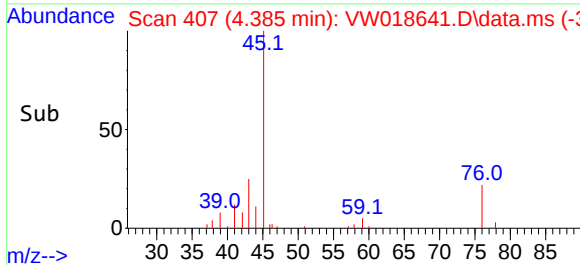
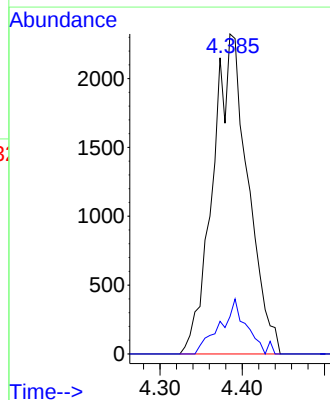
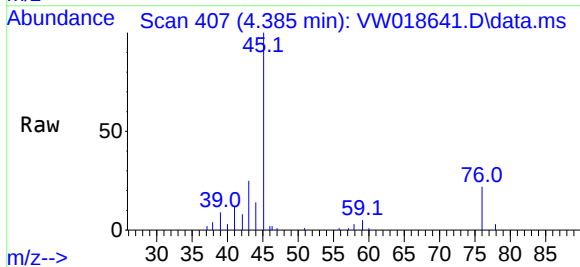
Manual Integrations
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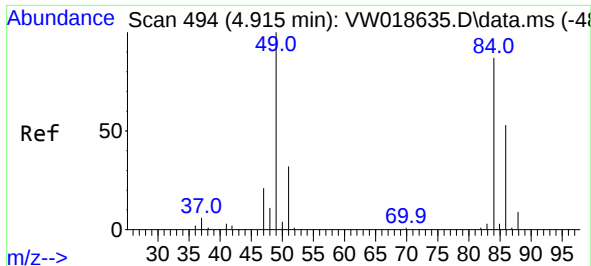
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#14
Carbon disulfide
Concen: 0.42 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

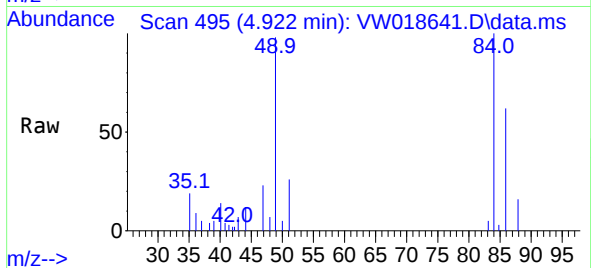
Tgt Ion: 76 Resp: 6906
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.2#





#16
Methylene chloride
Concen: 1.36 ug/L m
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

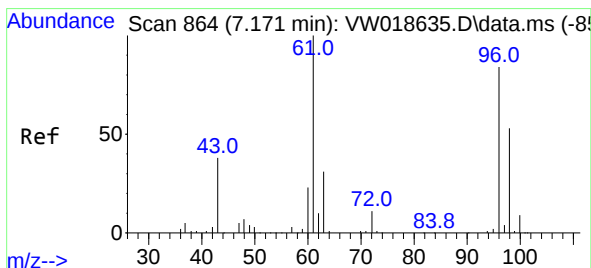
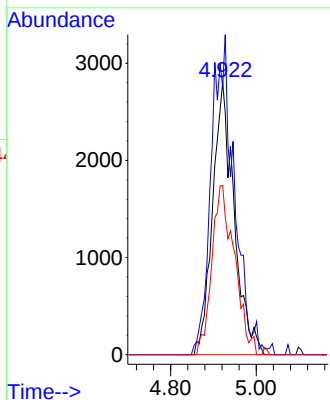
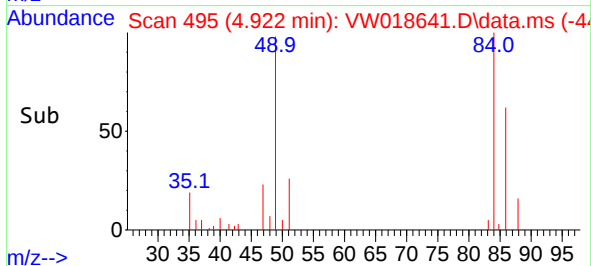
Instrument :
MSVOA_W
ClientSampleId :
BG792RE



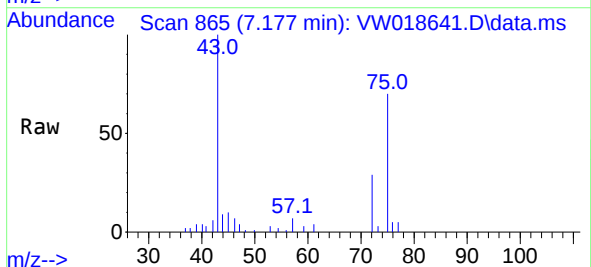
Tgt Ion: 84 Resp: 9780
Ion Ratio Lower Upper
84 100
49 98.3 74.4 138.2
86 62.1 46.1 85.7

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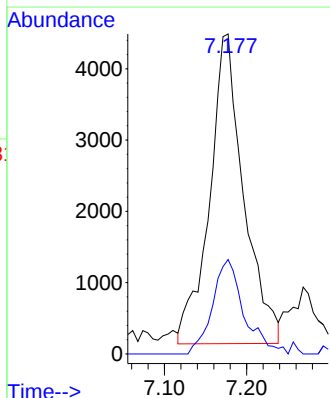
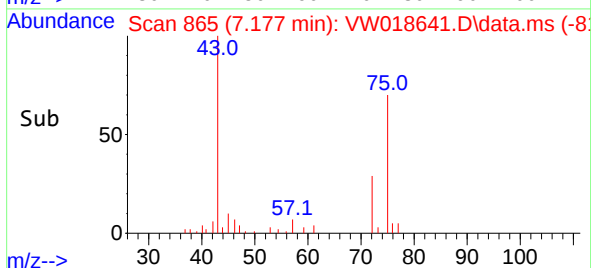
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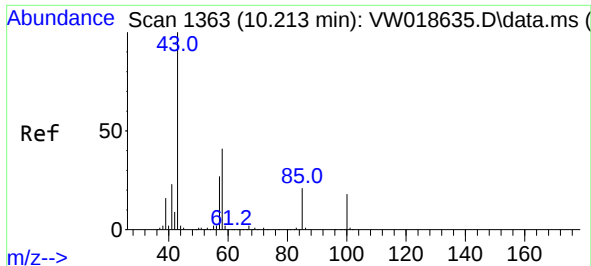


#21
2-Butanone
Concen: 8.07 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36



Tgt Ion: 43 Resp: 12522
Ion Ratio Lower Upper
43 100
72 25.2 16.5 49.5





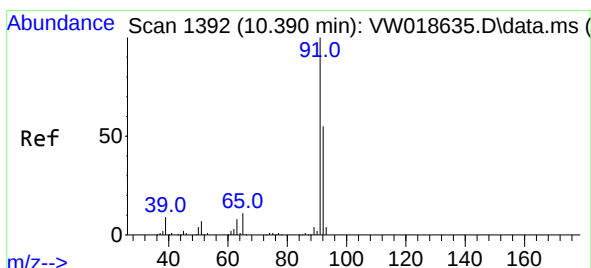
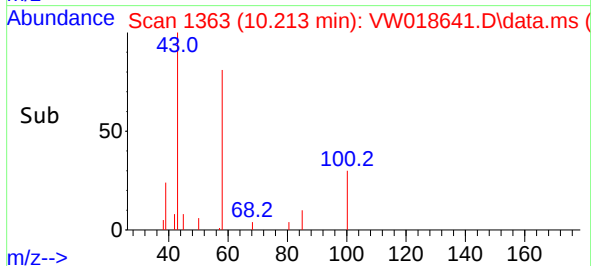
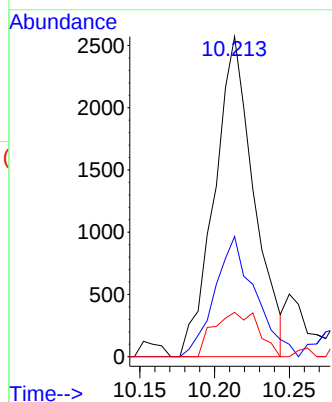
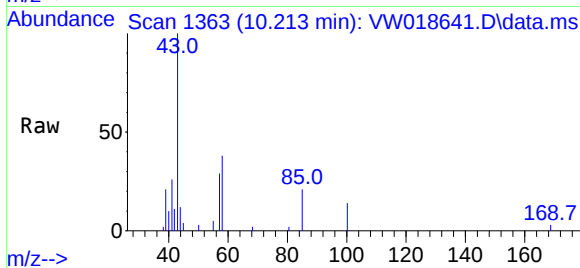
#43
4-Methyl-2-pentanone
Concen: 1.68 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Tgt Ion:	43	Resp:	4701
Ion Ratio	Lower	Upper	
43	100		
58	38.5	34.8	52.2
100	11.2	15.9	23.9

Instrument :
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#44
Toluene
Concen: 0.32 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018641.D
Acq: 13 Apr 2021 14:36

Tgt Ion:	91	Resp:	6861
Ion Ratio	Lower	Upper	
91	100		
92	71.0	42.3	78.5

