

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014411.D
 Acq On : 18 Dec 2019 00:01
 Operator : SY/VA
 Sample : K6279-06
 Misc : 4.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEX8

Manual Integrations
 APPROVED

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 12/18/2019 3:32:27 PM

Quant Time: Dec 18 04:00:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	861397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	731885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	261434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	266387	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
7) Chloroethane-d5	2.89	69	241685	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
10) 1,1-Dichloroethene-d2	4.02	63	381065m	16.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.16%
20) 2-Butanone-d5	7.07	46	115604	34.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.02%
24) Chloroform-d	7.65	84	564358	25.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	8.30	65	323481	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.52%
29) Benzene-d6	8.27	84	1138474	26.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.16%
33) 1,2-Dichloropropane-d6	9.27	67	373209	28.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.12%
37) Toluene-d8	10.32	98	927655	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
38) trans-1,3-Dichloropropene-	10.57	79	83352	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.20%
39) 2-Hexanone-d5	10.92	63	87144	33.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	277171	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	222770	22.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.20%

Target Compounds

					Ovalue
13) Acetone	4.12	43	82646	25.218 ug/L	96
14) Carbon disulfide	4.38	76	17310	0.491 ug/L	97
16) Methylene chloride	4.92	84	37043m	2.805 ug/L	
21) 2-Butanone	7.17	43	30355m	6.899 ug/L	
44) Toluene	10.38	91	30856	0.635 ug/L	94

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

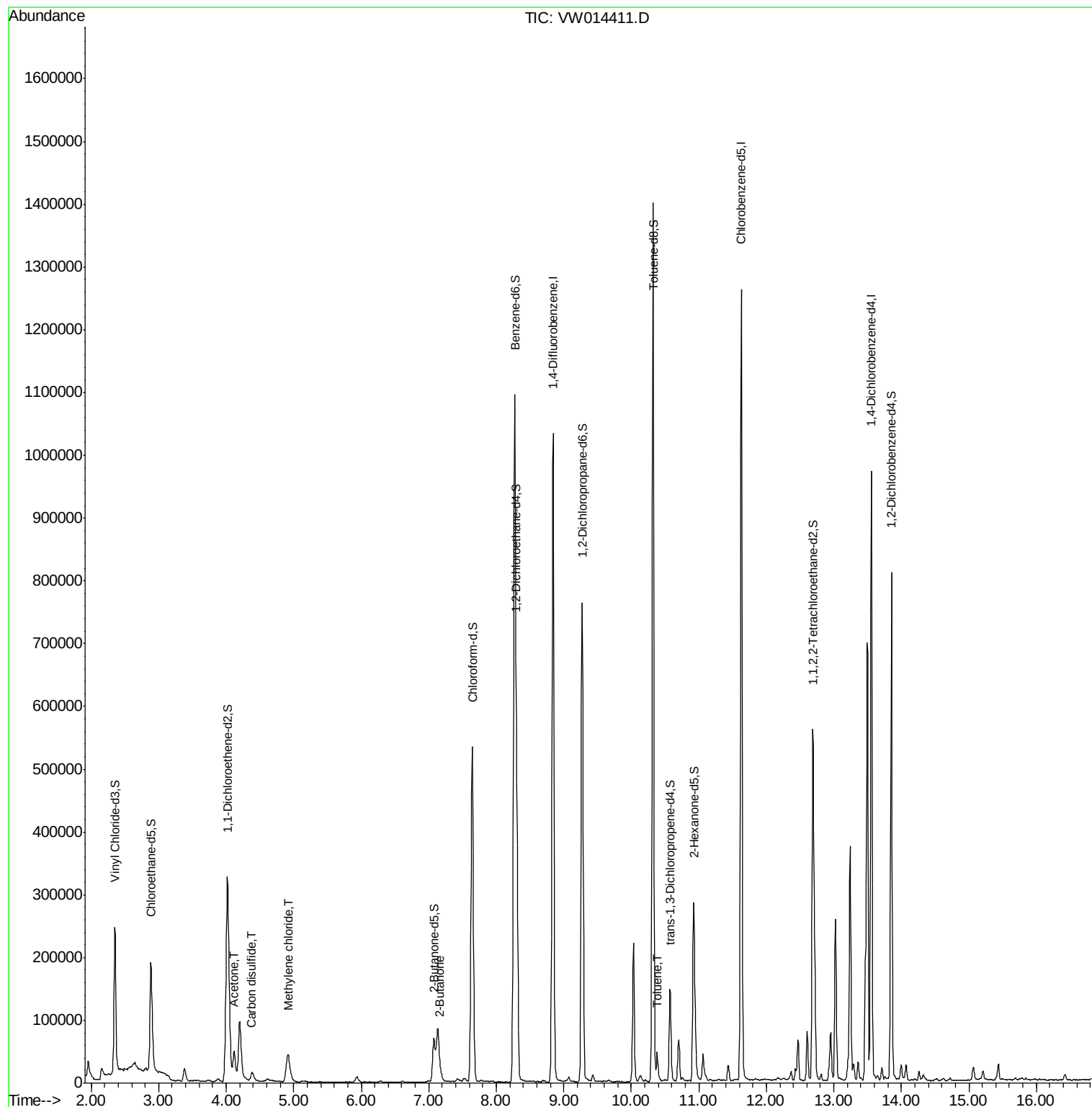
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014411.D
Acq On : 18 Dec 2019 00:01
Operator : SY/VA
Sample : K6279-06
Misc : 4.51G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

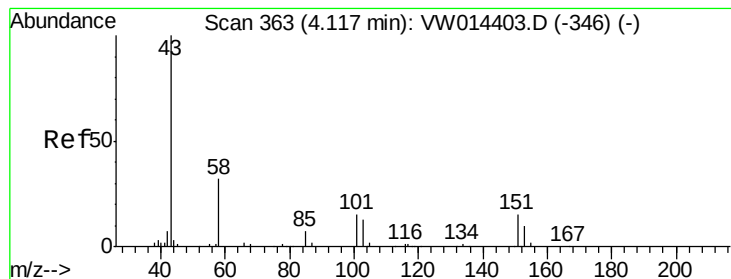
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 18 04:00:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 25.218 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014411.D

Acq: 18 Dec 2019 00:01

Instrument :

MSVOA_W

ClientSampleId :

BFEX8

Tot Ion: 43 Resp: 82646

Ion Ratio Lower Upper

43 100

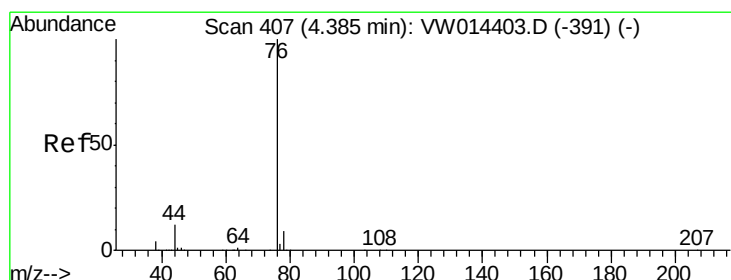
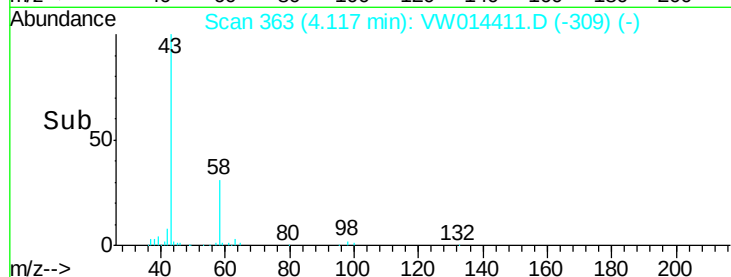
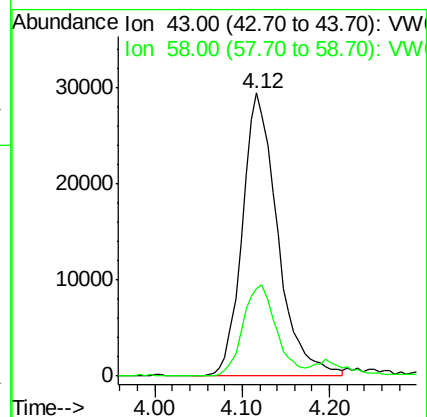
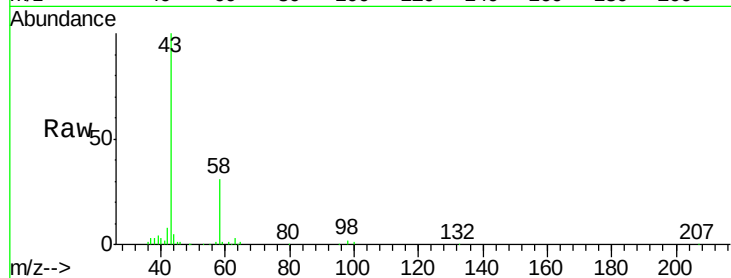
58 30.4 0.0 65.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.491 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014411.D

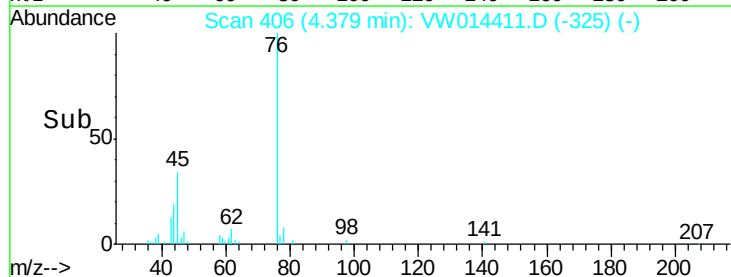
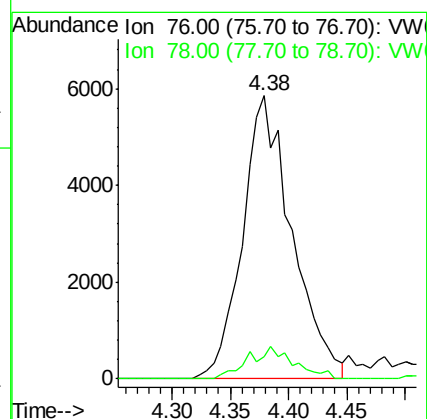
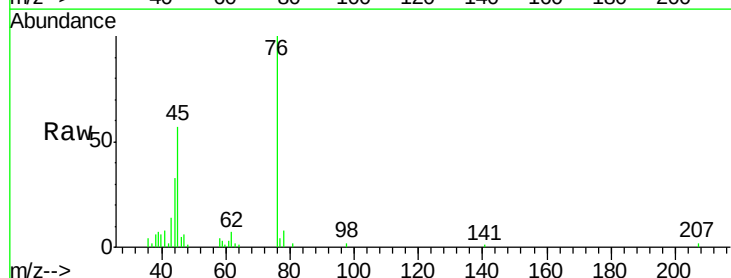
Acq: 18 Dec 2019 00:01

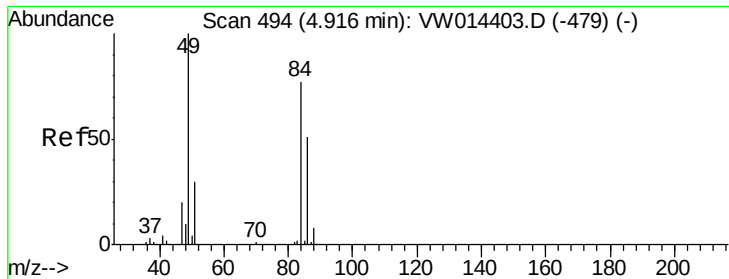
Tgt Ion: 76 Resp: 17310

Ion Ratio Lower Upper

76 100

78 8.0 7.2 10.8





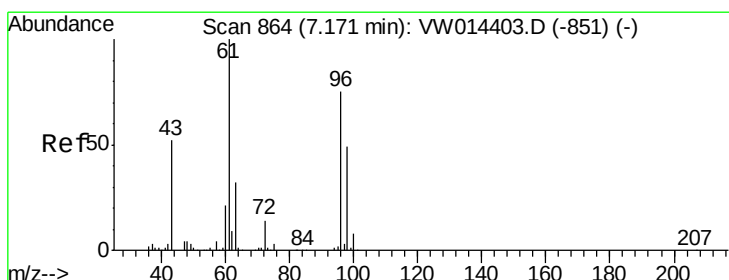
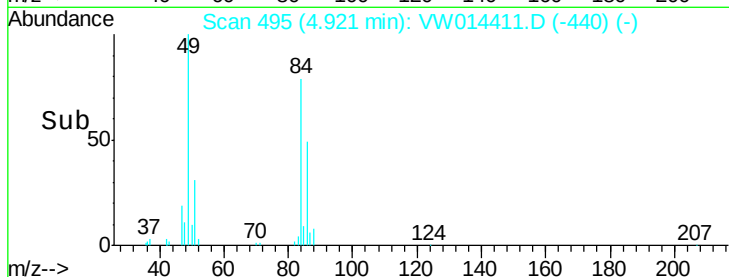
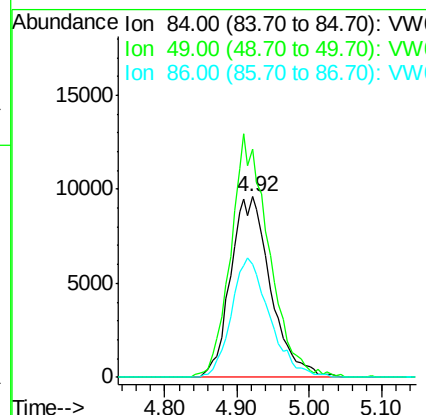
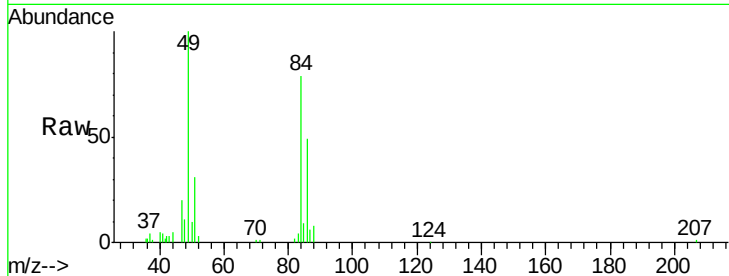
#16
Methylene chloride
Concen: 2.805 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014411.D
Acq: 18 Dec 2019 00:01

Instrument :
MSVOA_W
ClientSampled :
BFEX8

Tot Ion	84	Resp	37043
Ion Ratio	Lower	Upper	
84	100		
49	126.2	84.2	156.4
86	62.4	43.7	81.1

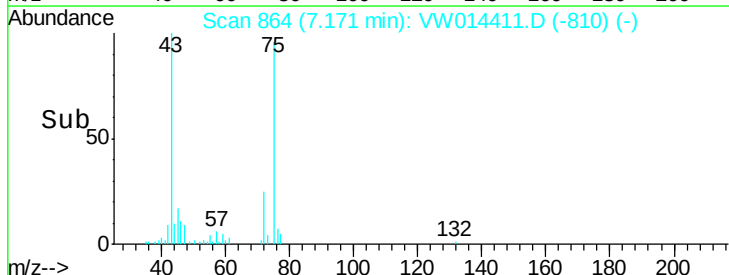
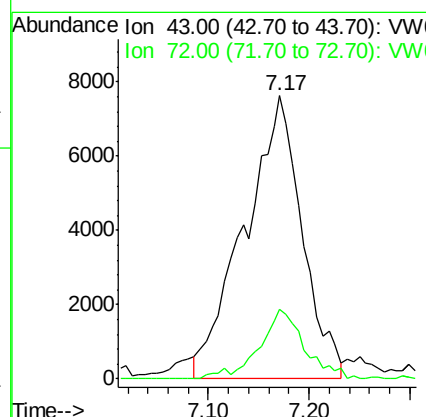
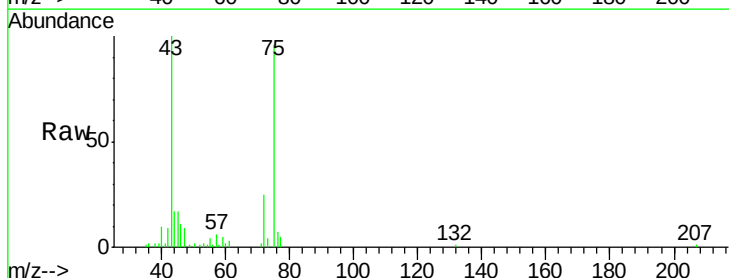
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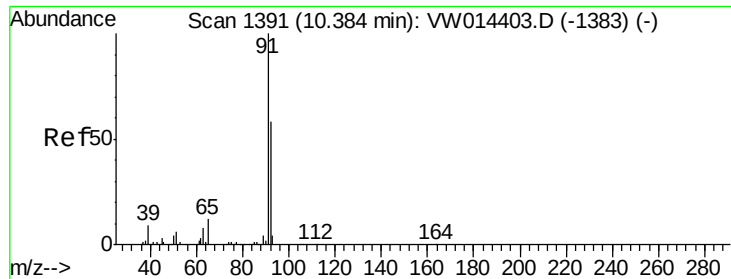
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#21
2-Butanone
Concen: 6.899 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW014411.D
Acq: 18 Dec 2019 00:01

Tgt Ion	43	Resp	30355
Ion Ratio	Lower	Upper	
43	100		
72	18.2	14.1	42.2





#44
Toluene
Concen: 0.635 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014411.D
Acq: 18 Dec 2019 00:01

Instrument :
MSVOA_W
ClientSampleId :
BFEX8

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	53.6	40.7	75.7	

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