

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022020\
 Data File : VW015017.D
 Acq On : 20 Feb 2020 14:46
 Operator : SY/VA
 Sample : L1584-01
 Misc : 3.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL8

Manual Integrations
 APPROVED

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 2/21/2020 3:21:49 PM

Quant Time: Feb 21 02:09:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 01:58:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	690296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	579331	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176243	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	204047	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
7) Chloroethane-d5	2.89	69	229688	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.40%
10) 1,1-Dichloroethene-d2	4.01	63	358223	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.64%
20) 2-Butanone-d5	7.07	46	128056	39.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.86%
24) Chloroform-d	7.65	84	517770	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.30	65	270239m	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.68%
29) Benzene-d6	8.27	84	983825	26.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.64%
33) 1,2-Dichloropropane-d6	9.27	67	343897	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.32%
37) Toluene-d8	10.32	98	788119	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.16%
38) trans-1,3-Dichloropropene-	10.57	79	98616	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.92	63	78048	35.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	184114	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	164997	24.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	28485	8.605	ug/L	70
14) Carbon disulfide	4.38	76	9331	0.317	ug/L #	91
16) Methylene chloride	4.91	84	44897	3.570	ug/L	82
21) 2-Butanone	7.17	43	12758m	3.292	ug/L	
44) Toluene	10.38	91	27054	0.669	ug/L	97

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

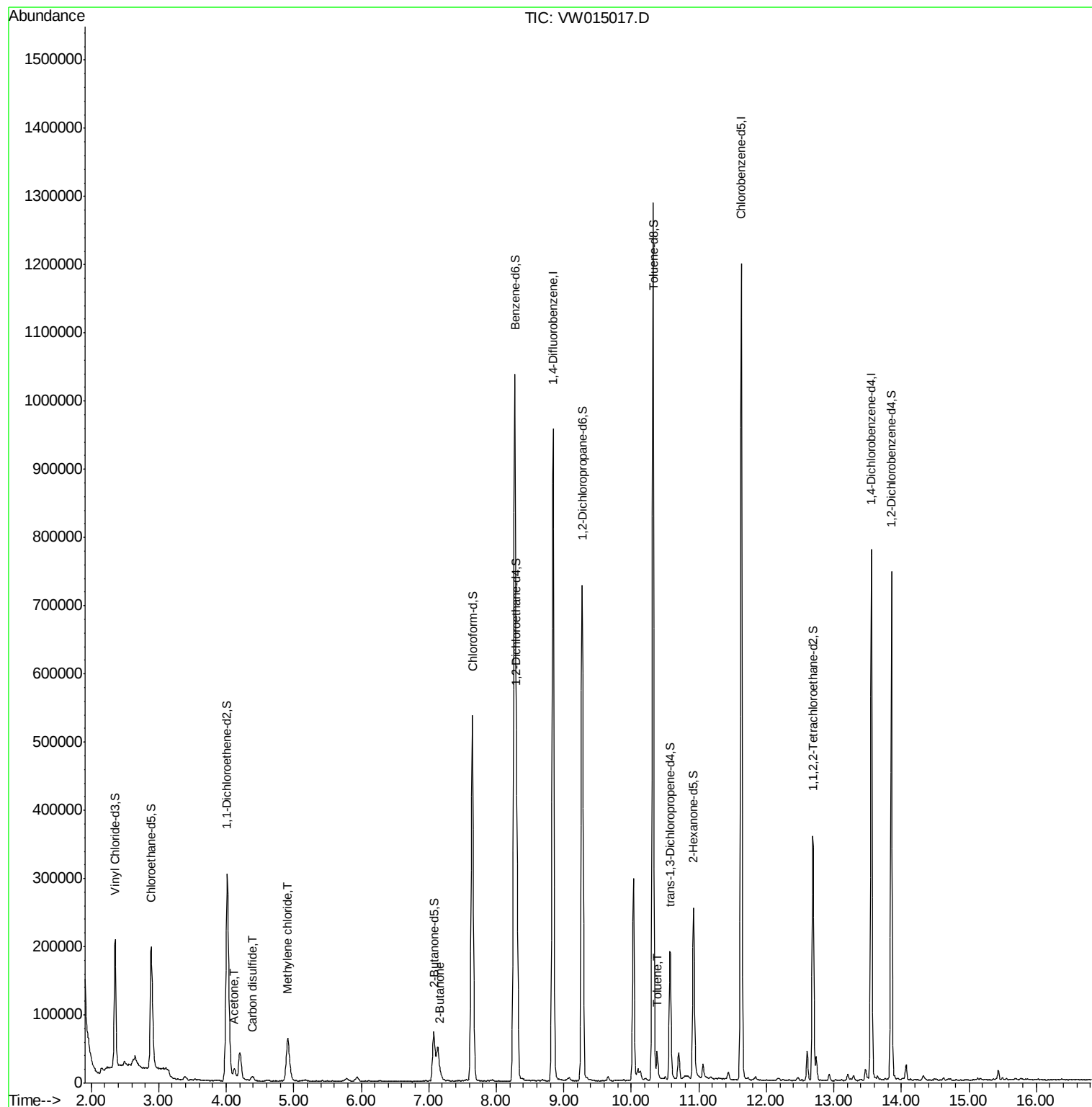
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Data File : VW015017.D
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Misc : 3.27G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

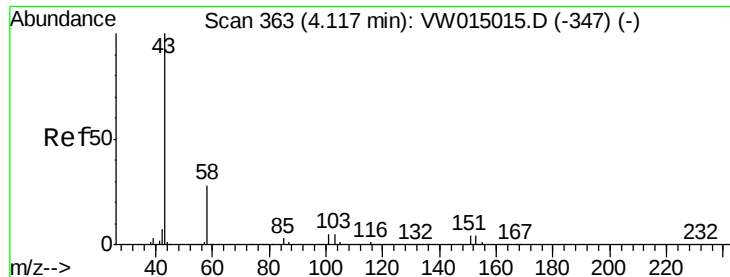
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Feb 21 02:09:43 2020
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Quant Title : VOC Analysis
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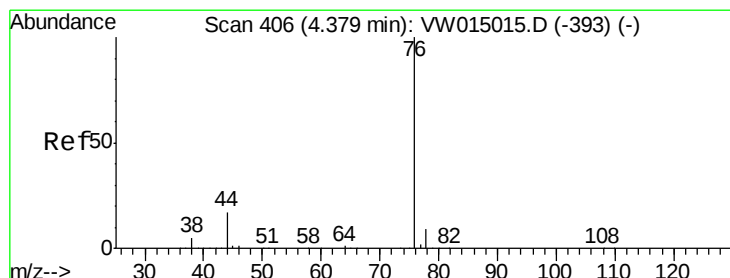
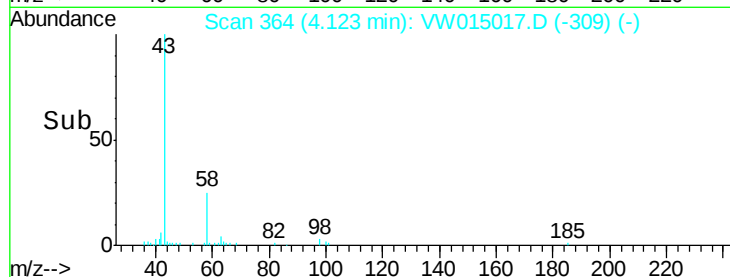
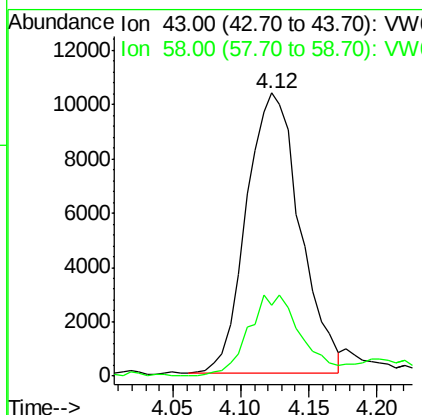
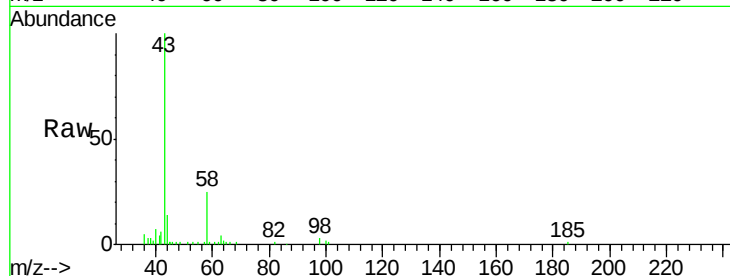
#13
Acetone
Concen: 8.605 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW015017.D
Acq: 20 Feb 2020 14:46

Instrument :
MSVOA_W
ClientSampleId :
C0AL8

Tot Ion	Ratio	Lower	Upper
43	100		
58	14.1	0.0	60.4

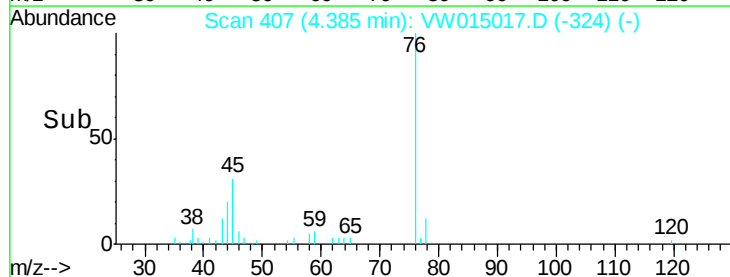
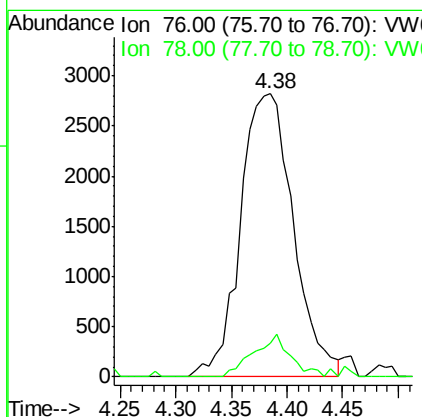
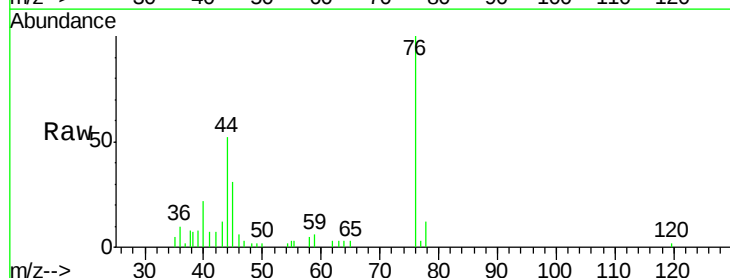
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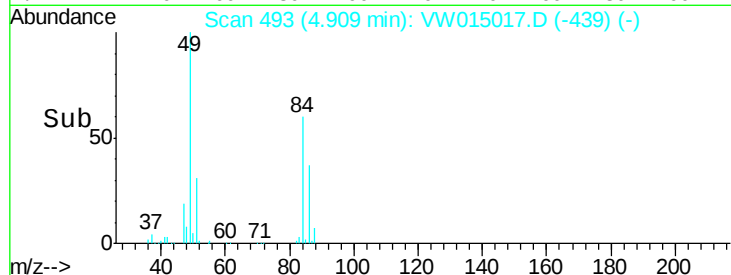
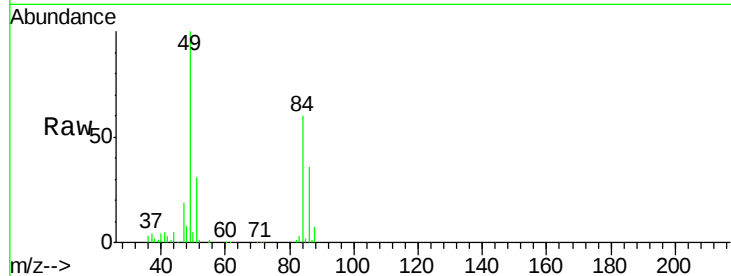
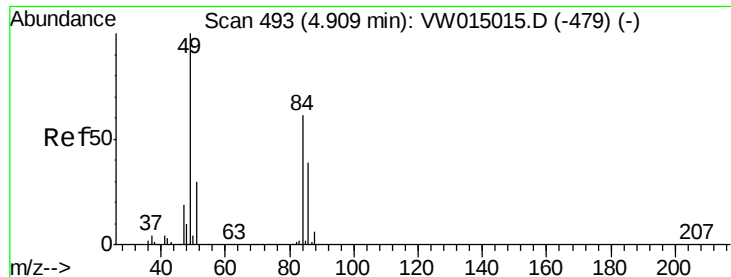
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#14
Carbon disulfide
Concen: 0.317 ug/L
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW015017.D
Acq: 20 Feb 2020 14:46

Tgt Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.0	10.6#





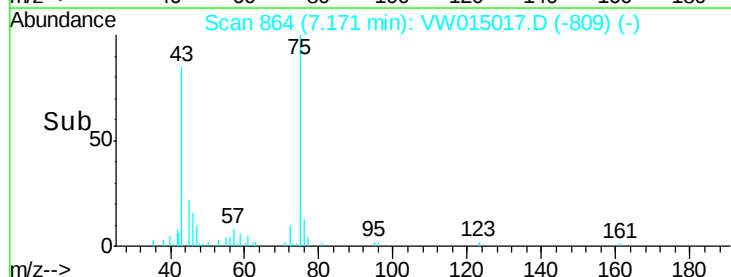
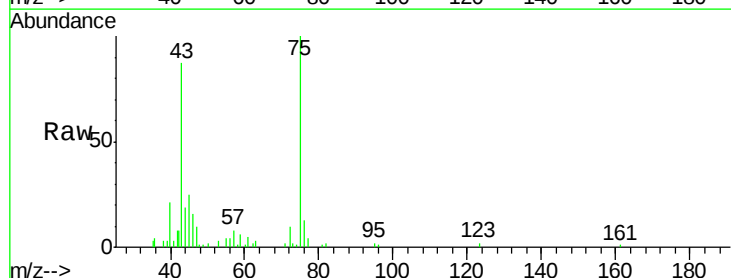
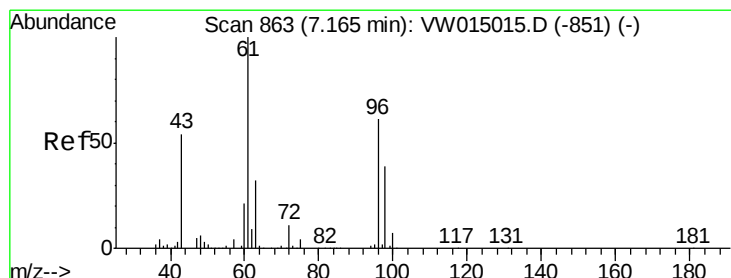
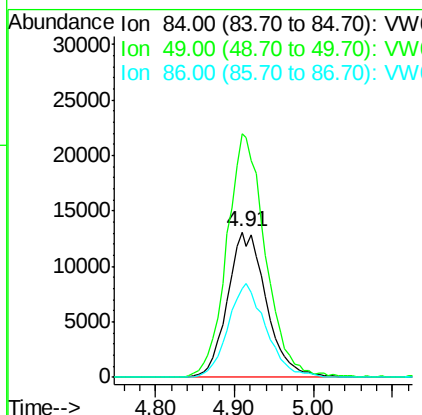
#16
Methvlene chloride
Concen: 3.570 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW015017.D
Acq: 20 Feb 2020 14:46

Tot Ion	84	Resp	44897
Ion Ratio	100	Lower	Upper
49	167.9	95.8	177.8
86	61.3	44.2	82.2

Instrument :
MSVOA_W
ClientSampled :
C0AL8

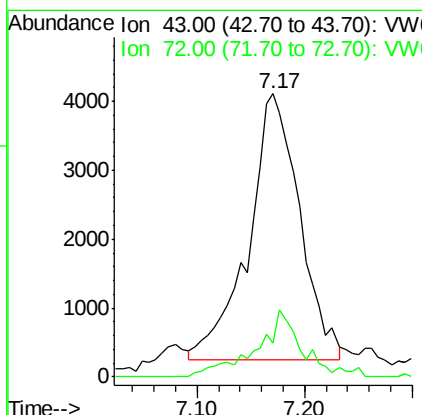
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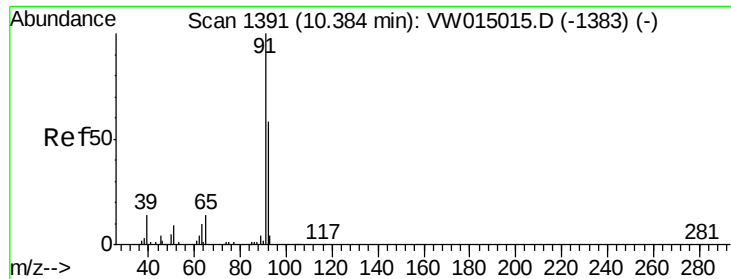
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#21
2-Butanone
Concen: 3.292 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW015017.D
Acq: 20 Feb 2020 14:46

Tgt Ion	43	Resp	12758
Ion Ratio	100	Lower	Upper
72	0.4	11.9	35.5#





#44

Toluene

Concen: 0.669 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015017.D

Acq: 20 Feb 2020 14:46

Instrument :

MSVOA_W

ClientSampleId :

C0AL8

Tot Ion: 91 Resp: 27054

Ion Ratio Lower Upper

91 100

92 57.2 41.4 77.0

Manual Integrations

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