

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035051.D
 Acq On : 10 Oct 2019 16:32
 Operator : JC/SP
 Sample : K5268-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBAW7

Quant Time: Oct 11 04:53:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163477	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	34004	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.67	69	36999	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.26	63	52136	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	4.18	46	146252	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.62	84	81601	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.29	65	49037	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.32	84	155399	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.31	67	57731	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.55	98	136237	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.84	79	17288	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.30	63	104968	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	51644	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	53395	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

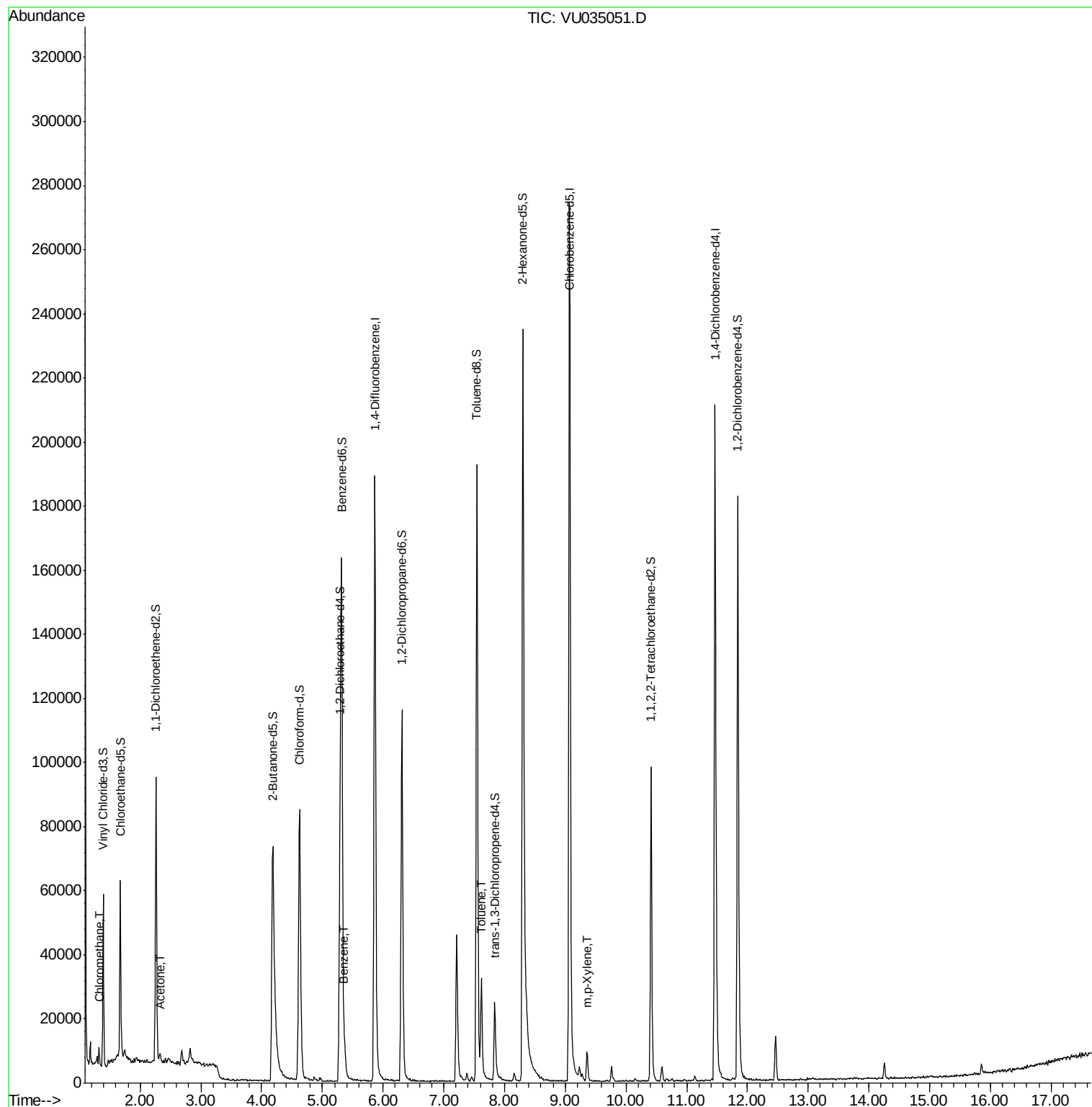
					Ovalue
3) Chloromethane	1.32	50	3124	0.191 ug/L	90
13) Acetone	2.33	43	3500	1.502 ug/L	100
33) Benzene	5.37	78	7309	0.148 ug/L	100
42) Toluene	7.62	91	23932	0.465 ug/L	98
53) m,p-Xylene	9.36	106	3244	0.155 ug/L	98

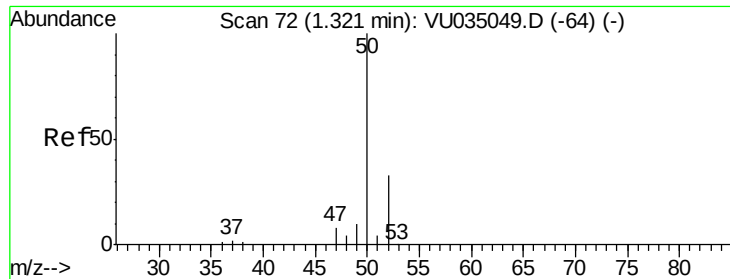
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.191 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU035051.D

Acq: 10 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

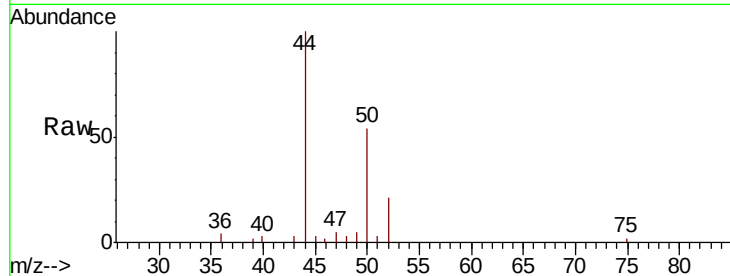
DBAW7

Tot Ion: 50 Resp: 3124

Ion Ratio Lower Upper

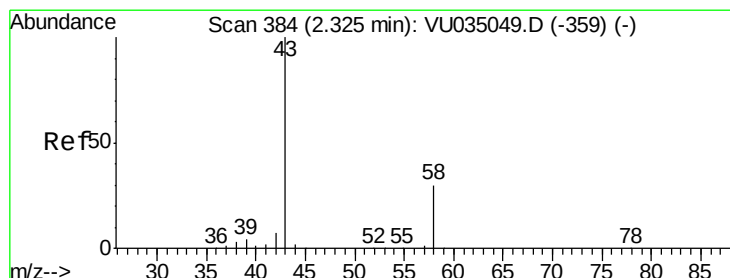
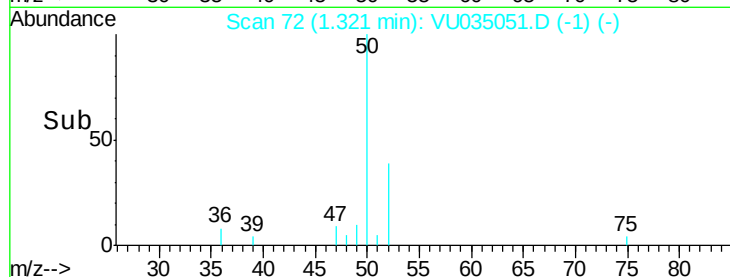
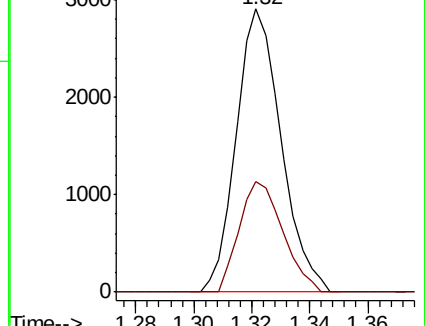
50 100

52 39.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035049.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035049.D (-64) (-)



#13

Acetone

Concen: 1.502 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU035051.D

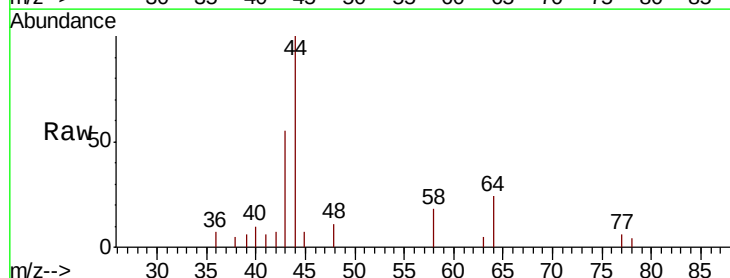
Acq: 10 Oct 2019 16:32

Tgt Ion: 43 Resp: 3500

Ion Ratio Lower Upper

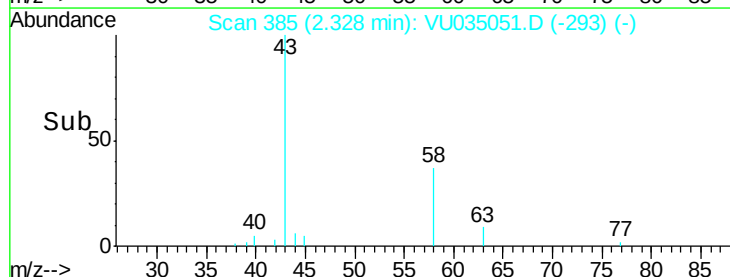
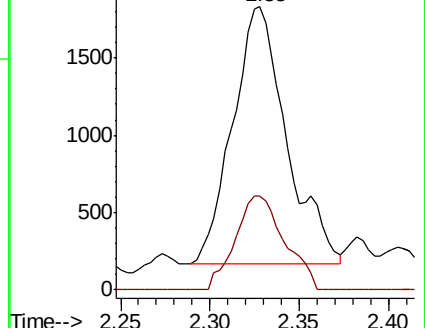
43 100

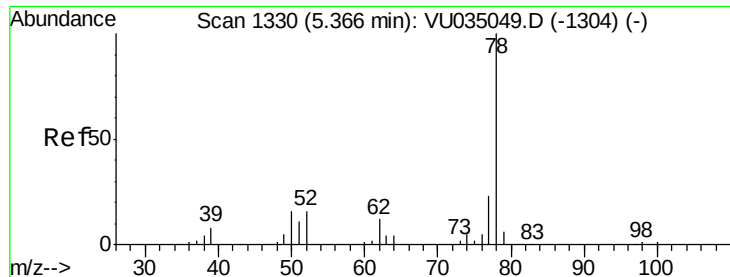
58 33.4 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035049.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU035049.D (-359) (-)





#33

Benzene

Concen: 0.148 ug/L

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU035051.D

Acq: 10 Oct 2019 16:32

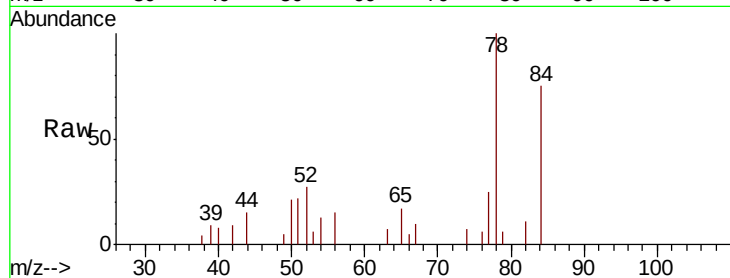
Instrument :

MSVOA_U

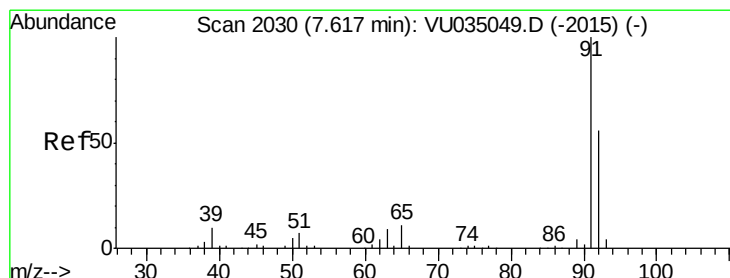
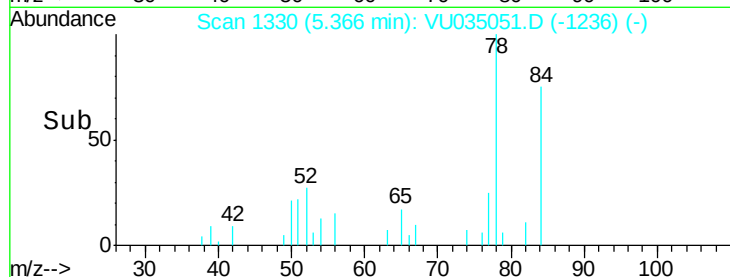
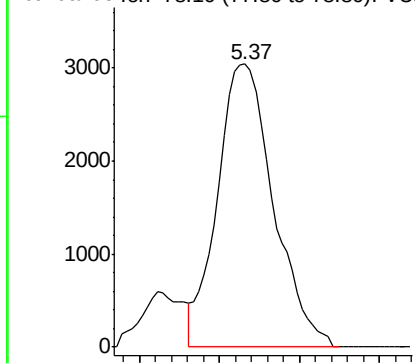
ClientSampleId :

DBAW7

Tgt Ion: 78 Resp: 7309



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.465 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035051.D

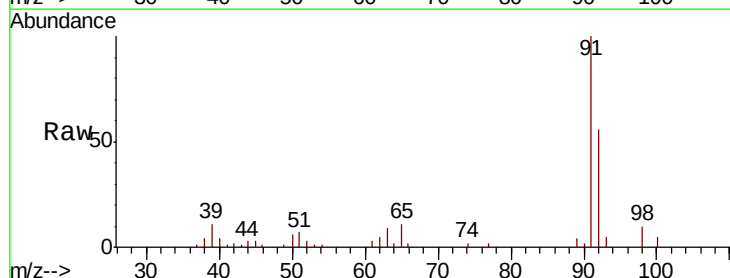
Acq: 10 Oct 2019 16:32

Tgt Ion: 91 Resp: 23932

Ion Ratio Lower Upper

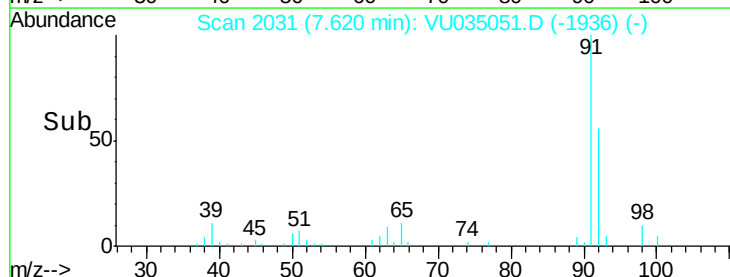
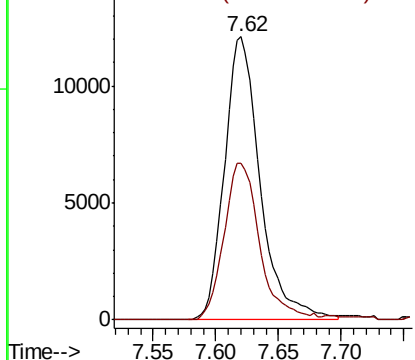
91 100

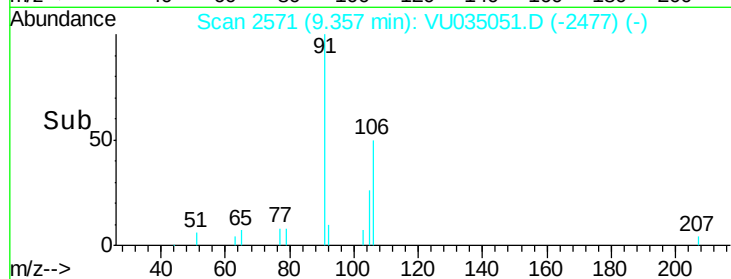
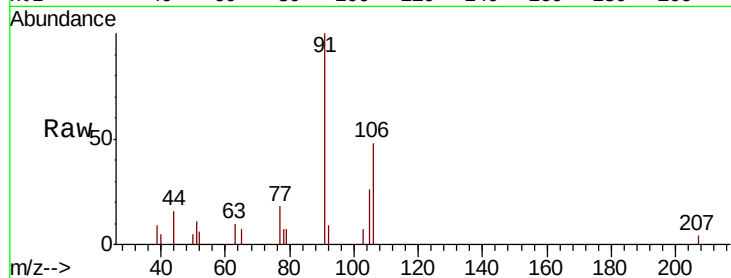
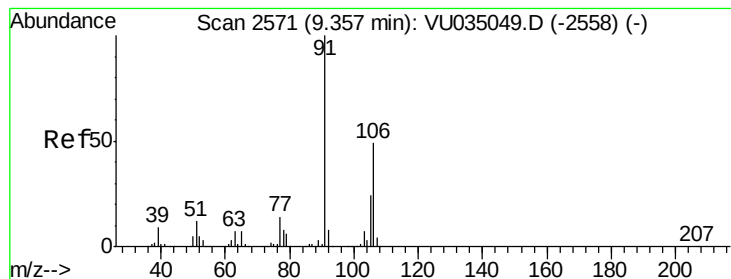
92 55.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#53

m,p-Xylene

Concen: 0.155 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU035051.D

Acq: 10 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DBAW7

Tot Ion:106 Resp: 3244

Ion Ratio Lower Upper

106 100

91 207.7 147.6 274.0

