

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030481.D
 Acq On : 27 Mar 2019 14:19
 Operator : JC/SP
 Sample : K2063-16DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S4DL

Quant Time: Mar 28 02:24:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:25:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448393	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	421679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175205	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	160862	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.67	69	136050	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.14%
11) 1,1-Dichloroethene-d2	2.27	63	231772	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.17	46	342059	100.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	4.64	84	294586	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.31	65	200453	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.34	84	596354	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.32	67	213678	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.30%
41) Toluene-d8	7.56	98	508579	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	7.85	79	94204	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.31	63	222917	99.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294551	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	179806	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%

Target Compounds

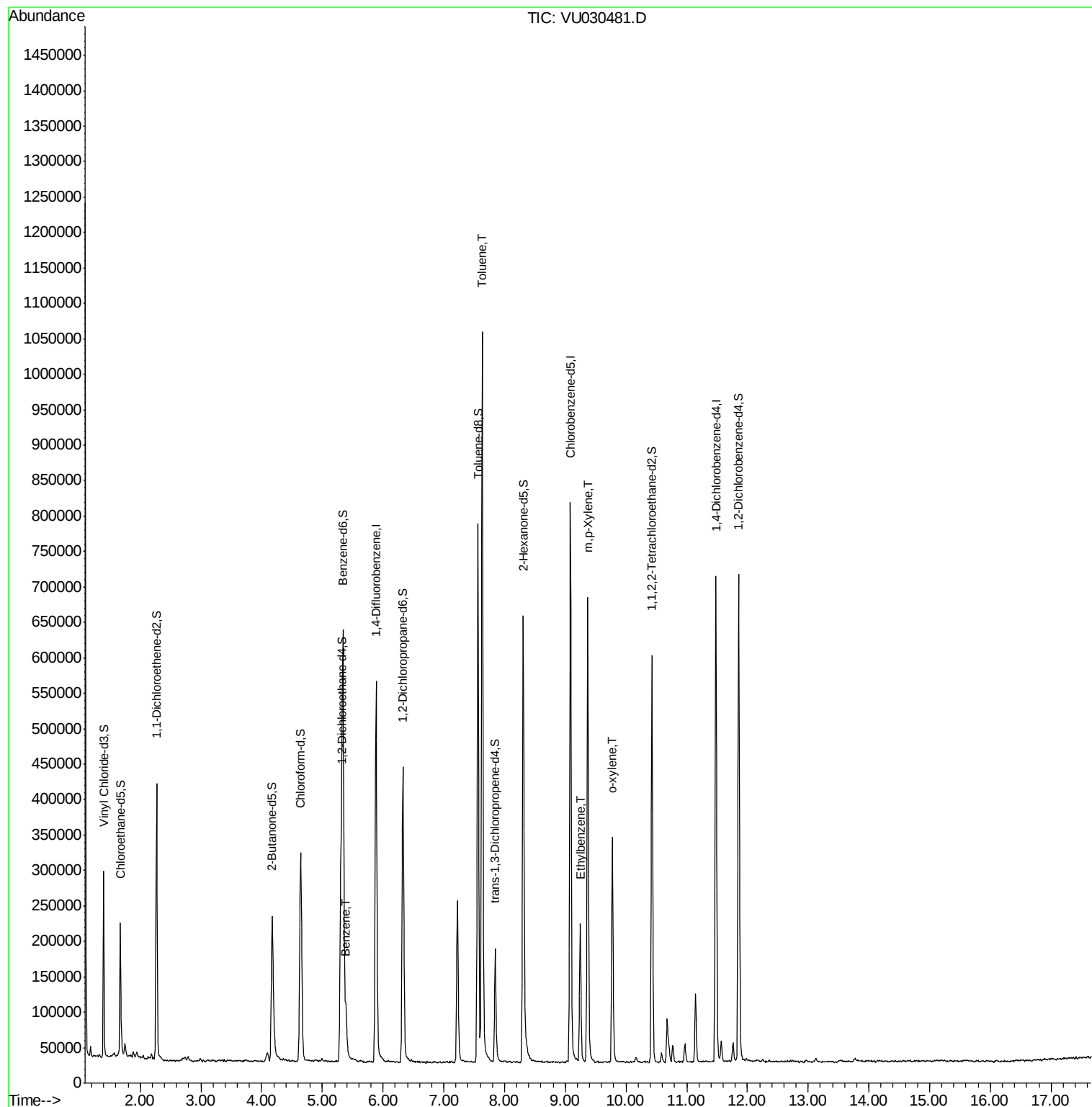
					Ovalue
33) Benzene	5.39	78	66149	4.608	ug/L 100
42) Toluene	7.63	91	750165	50.355	ug/L 99
52) Ethylbenzene	9.25	91	141254	8.753	ug/L 99
53) m,p-Xylene	9.37	106	182646	31.345	ug/L 98
54) o-xylene	9.78	106	82879	14.577	ug/L 97

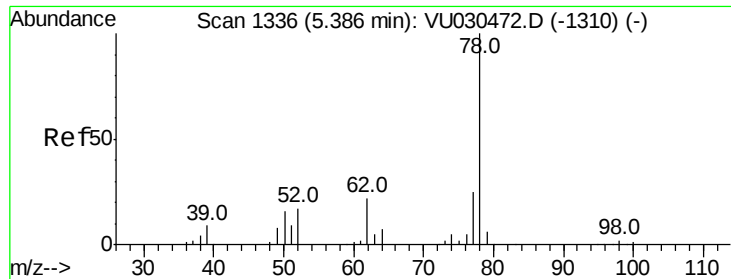
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 4.608 ug/L

RT: 5.39 min Scan# 1337

Delta R.T. 0.00 min

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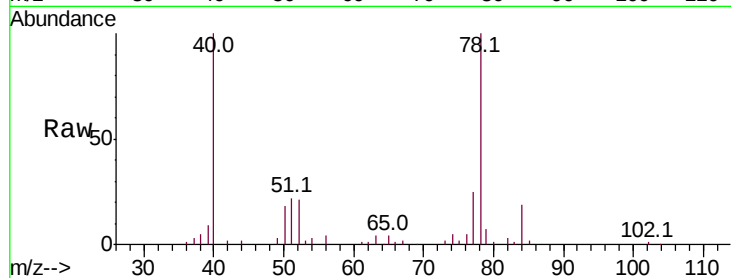
Instrument :

MSVOA_U

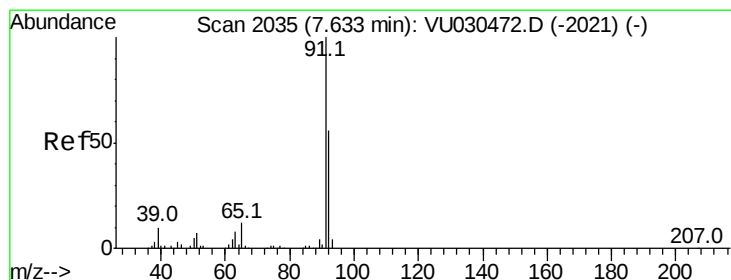
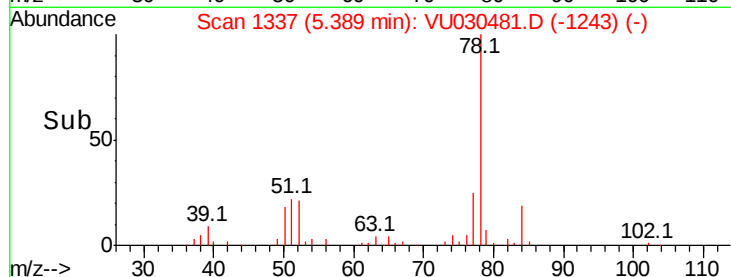
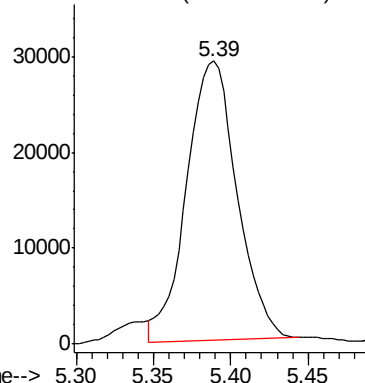
ClientSampleId :

DB6S4DL

Tgt Ion: 78 Resp: 66149



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 50.355 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU030481.D

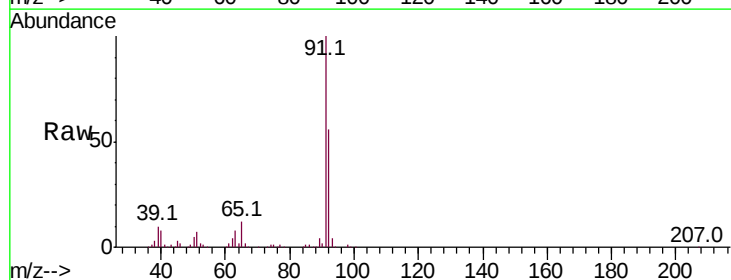
Acq: 27 Mar 2019 14:19

Tgt Ion: 91 Resp: 750165

Ion Ratio Lower Upper

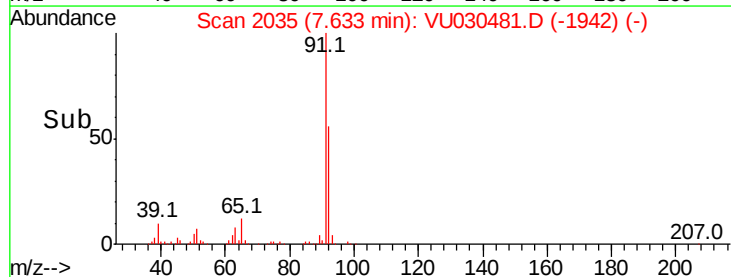
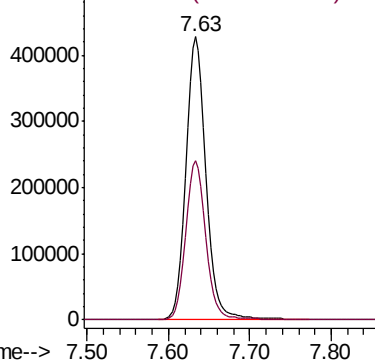
91 100

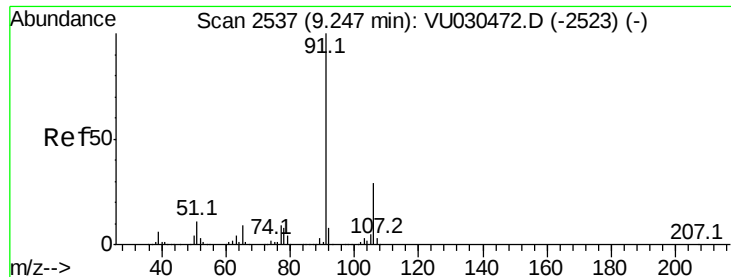
92 56.3 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 8.753 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. -0.00 min

Lab File: VU030481.D

Acq: 27 Mar 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

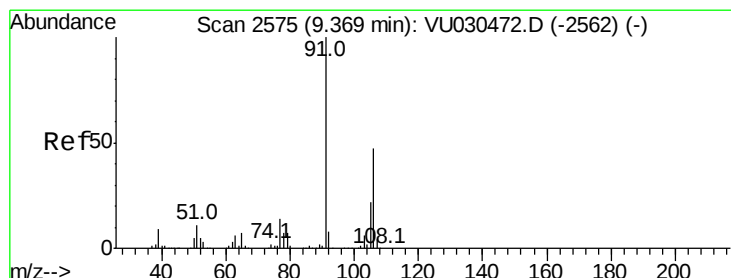
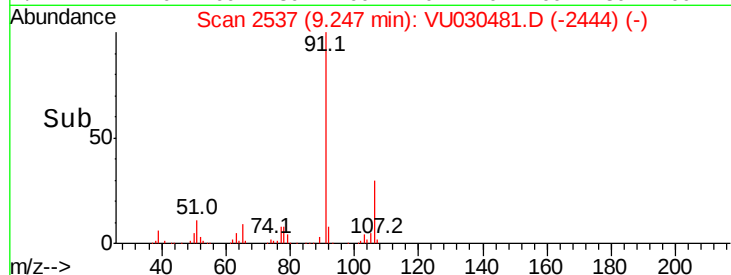
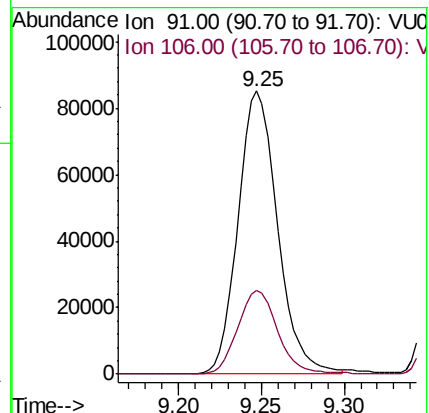
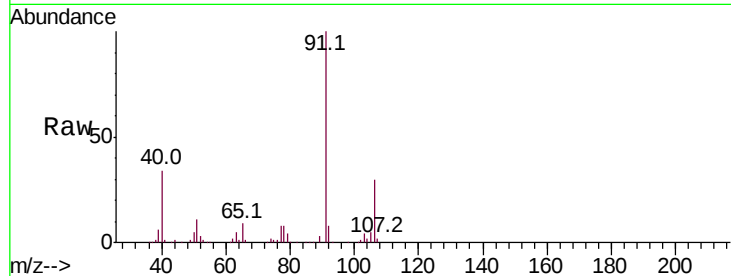
DB6S4DL

Tot Ion: 91 Resp: 141254

Ion Ratio Lower Upper

91 100

106 29.8 20.6 38.2



#53

m,p-Xylene

Concen: 31.345 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU030481.D

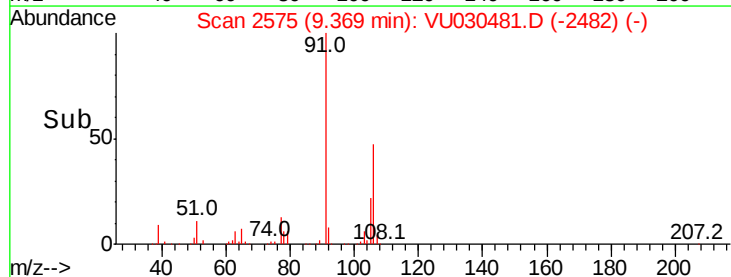
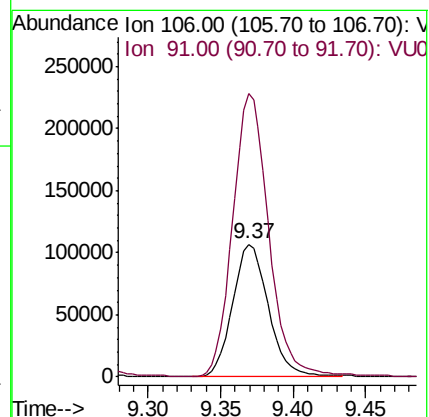
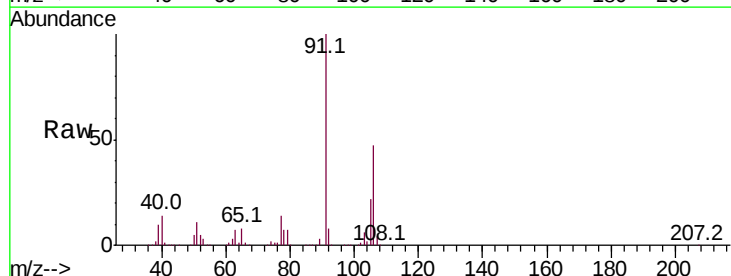
Acq: 27 Mar 2019 14:19

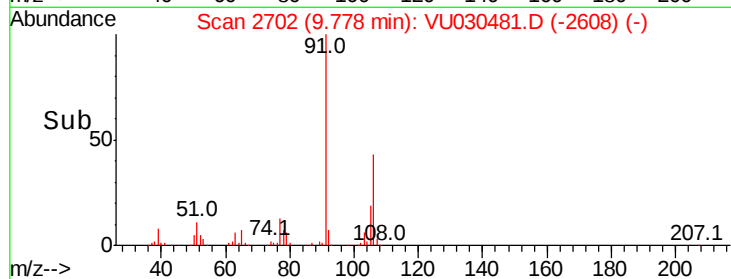
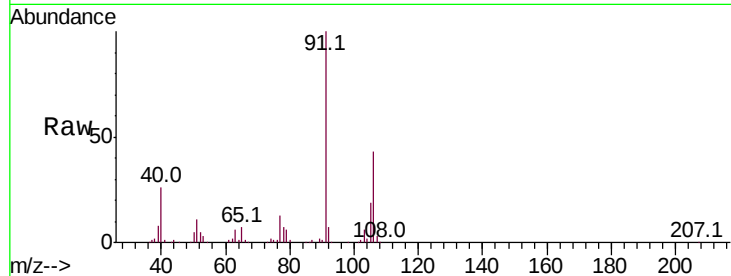
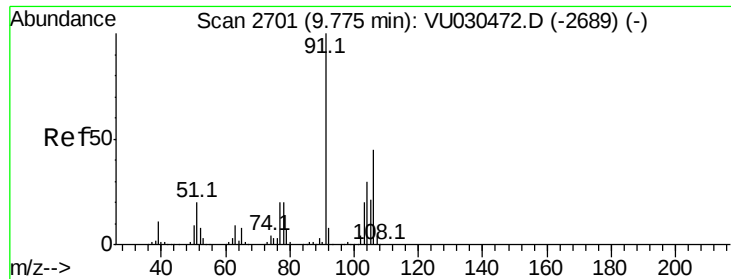
Tgt Ion: 106 Resp: 182646

Ion Ratio Lower Upper

106 100

91 213.0 151.2 280.8





#54

o-xylene

Concen: 14.577 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VU030481.D

Acq: 27 Mar 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

DB6S4DL

Tot Ion:106 Resp: 82879

Ion Ratio Lower Upper

106 100

91 232.9 159.6 296.4

