

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016657.D
 Acq On : 08 Jun 2020 14:14
 Operator : SY/MD
 Sample : L2862-13DL2 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E07DL2

Quant Time: Jun 09 01:26:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154999	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136442	52.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.08%
7) Chloroethane-d5	1.56	69	88954	57.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.16%
11) 1,1-Dichloroethene-d2	2.12	63	174132	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.86%
21) 2-Butanone-d5	3.89	46	211488	110.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.03%
24) Chloroform-d	4.37	84	277009	52.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.92%
26) 1,2-Dichloroethane-d4	5.05	65	194778	54.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.46%
32) Benzene-d6	5.07	84	546628	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
36) 1,2-Dichloropropane-d6	6.09	67	173164	56.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.58%
41) Toluene-d8	7.34	98	489835	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%
43) trans-1,3-Dichloropropene-	7.64	79	83657	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.42%
47) 2-Hexanone-d5	8.11	63	142597	106.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	215582	52.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	191358	57.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.70%

Target Compounds

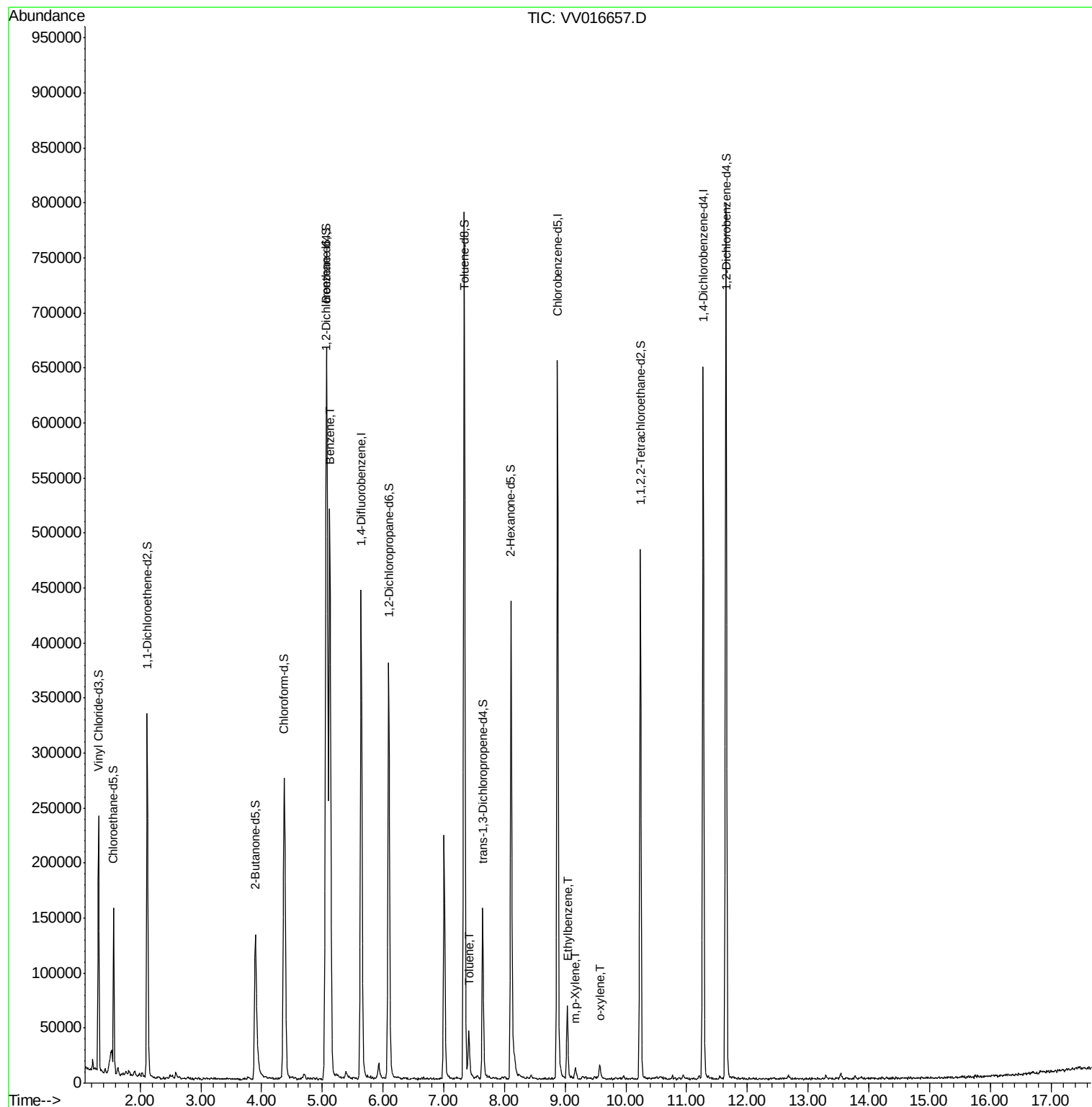
					Ovalue
33) Benzene	5.13	78	501663	49.524	ug/L 100
42) Toluene	7.41	91	30551	2.861	ug/L 96
52) Ethylbenzene	9.04	91	43055	3.640	ug/L 92
53) m,p-Xylene	9.16	106	2739	0.622	ug/L 74
54) o-xylene	9.57	106	3398	0.782	ug/L 88

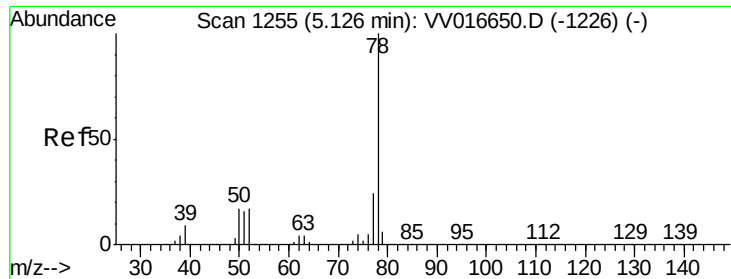
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 49.524 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

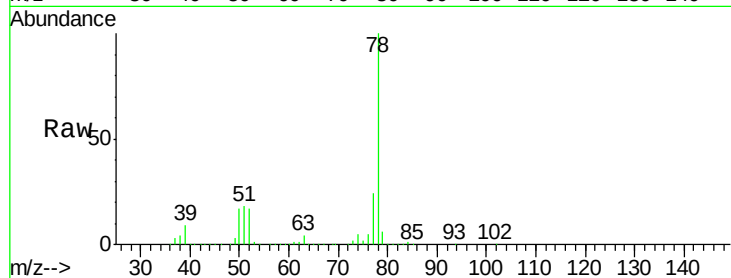
Instrument :

MSVOA_V

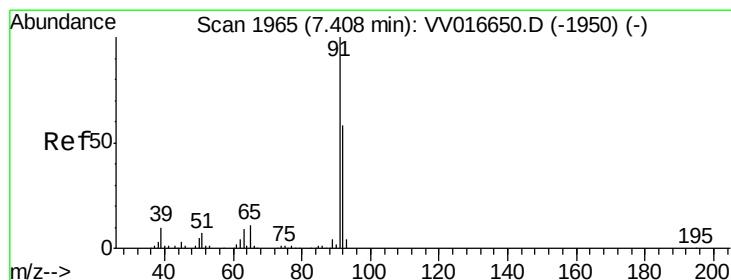
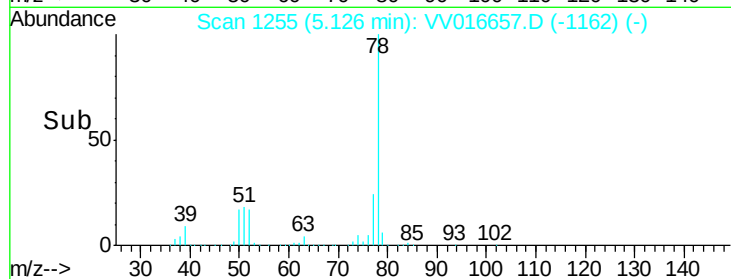
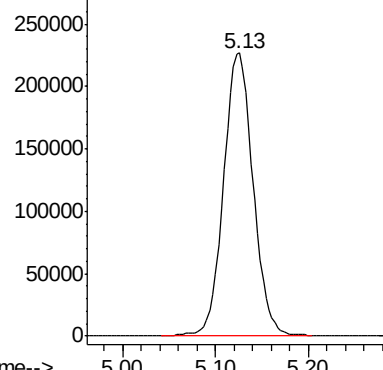
ClientSampleId :

F9E07DL2

Tgt Ion: 78 Resp: 501663



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 2.861 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016657.D

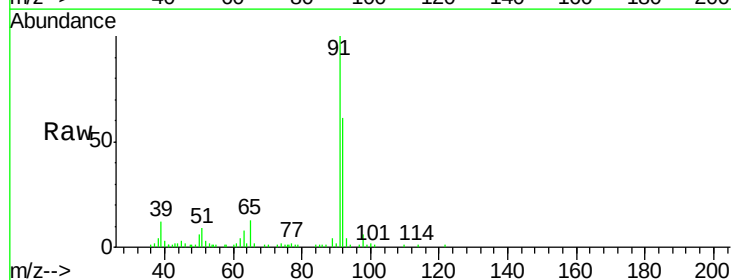
Acq: 08 Jun 2020 14:14

Tgt Ion: 91 Resp: 30551

Ion Ratio Lower Upper

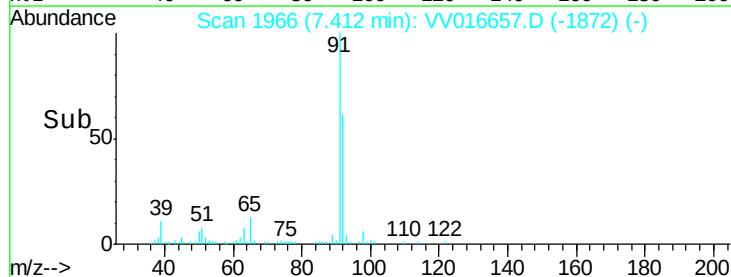
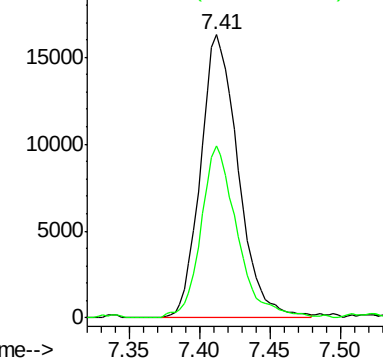
91 100

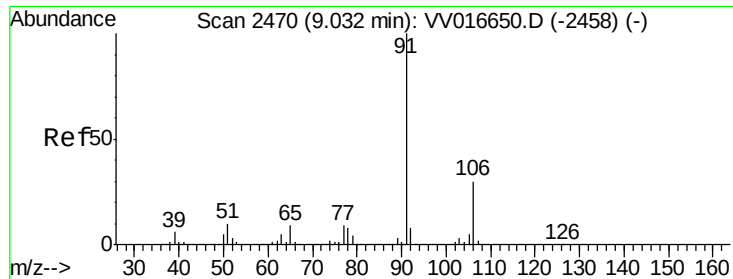
92 60.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 3.640 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

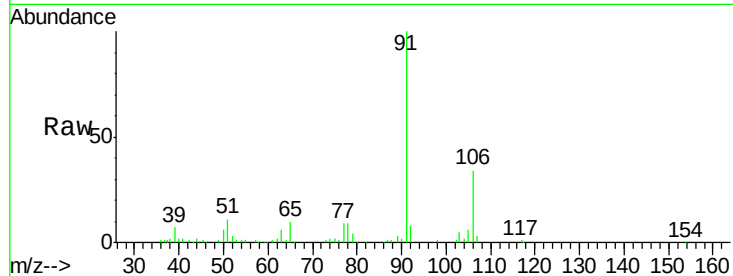
F9E07DL2

Tot Ion: 91 Resp: 43055

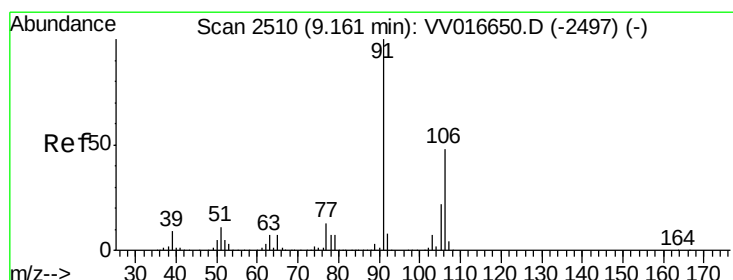
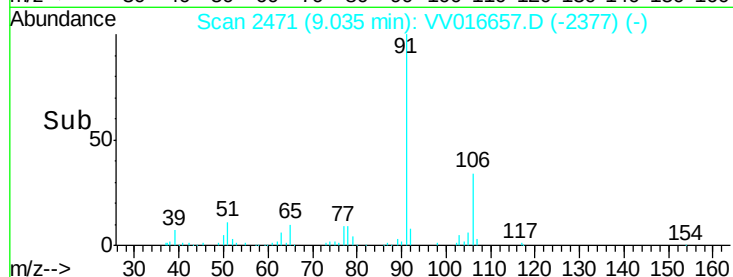
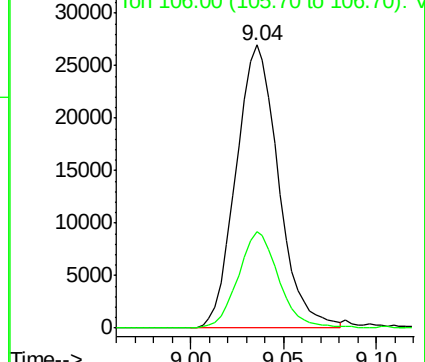
Ion Ratio Lower Upper

91 100

106 34.3 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016657.D (-2377) (-)



#53

m,p-Xylene

Concen: 0.622 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016657.D

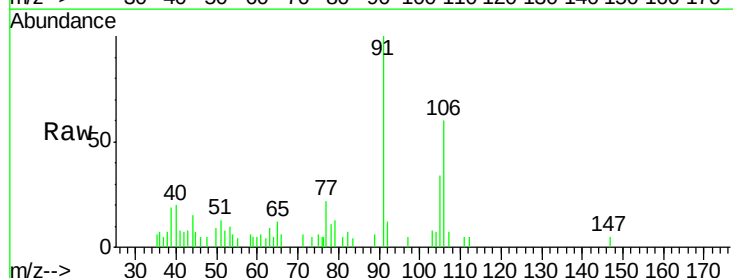
Acq: 08 Jun 2020 14:14

Tgt Ion: 106 Resp: 2739

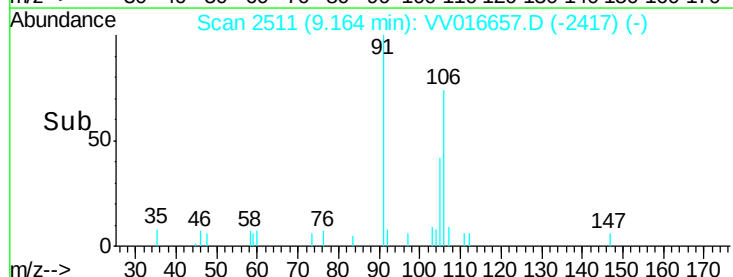
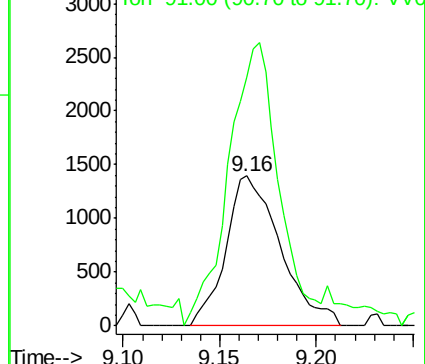
Ion Ratio Lower Upper

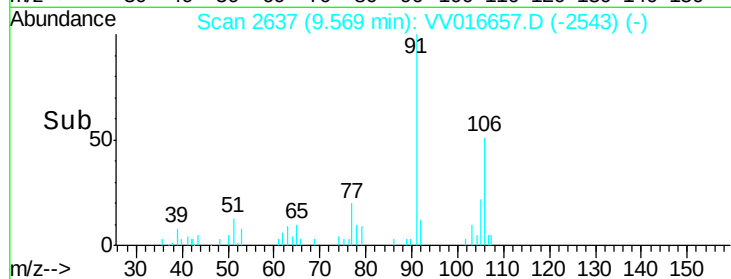
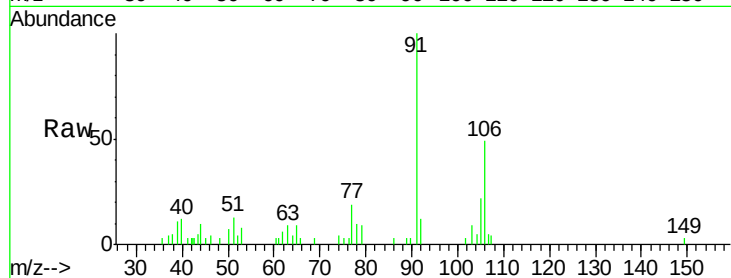
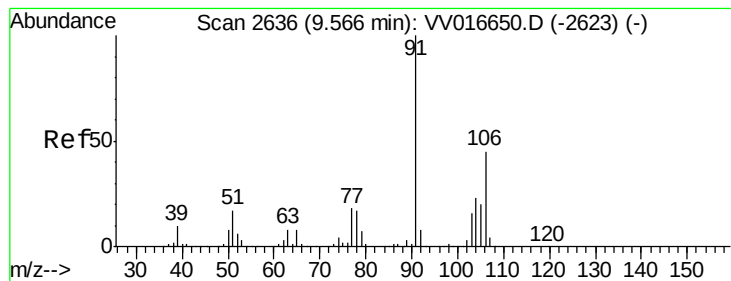
106 100

91 165.9 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016657.D (-2417) (-)





#54

o-xylene

Concen: 0.782 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV016657.D

Acq: 08 Jun 2020 14:14

Instrument :

MSVOA_V

ClientSampleId :

F9E07DL2

Tot Ion:106 Resp: 3398

Ion Ratio Lower Upper

106 100

91 202.6 155.9 289.5

