

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016674.D
 Acq On : 08 Jun 2020 21:22
 Operator : SY/MD
 Sample : L2861-15DL2 250X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E48DL2

Quant Time: Jun 09 03:55:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	320070	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146653	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105468	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.40%
7) Chloroethane-d5	1.56	69	74737	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.30%
11) 1,1-Dichloroethene-d2	2.12	63	143312	37.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.58%
21) 2-Butanone-d5	3.89	46	185776	111.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.14%
24) Chloroform-d	4.37	84	232254	50.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.14%
26) 1,2-Dichloroethane-d4	5.05	65	163340	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
32) Benzene-d6	5.07	84	456890	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.02%
36) 1,2-Dichloropropane-d6	6.09	67	143263	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.64%
41) Toluene-d8	7.34	98	410028	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%
43) trans-1,3-Dichloropropene-	7.64	79	66767	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.32%
47) 2-Hexanone-d5	8.11	63	125742	108.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191655	54.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	172442	55.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

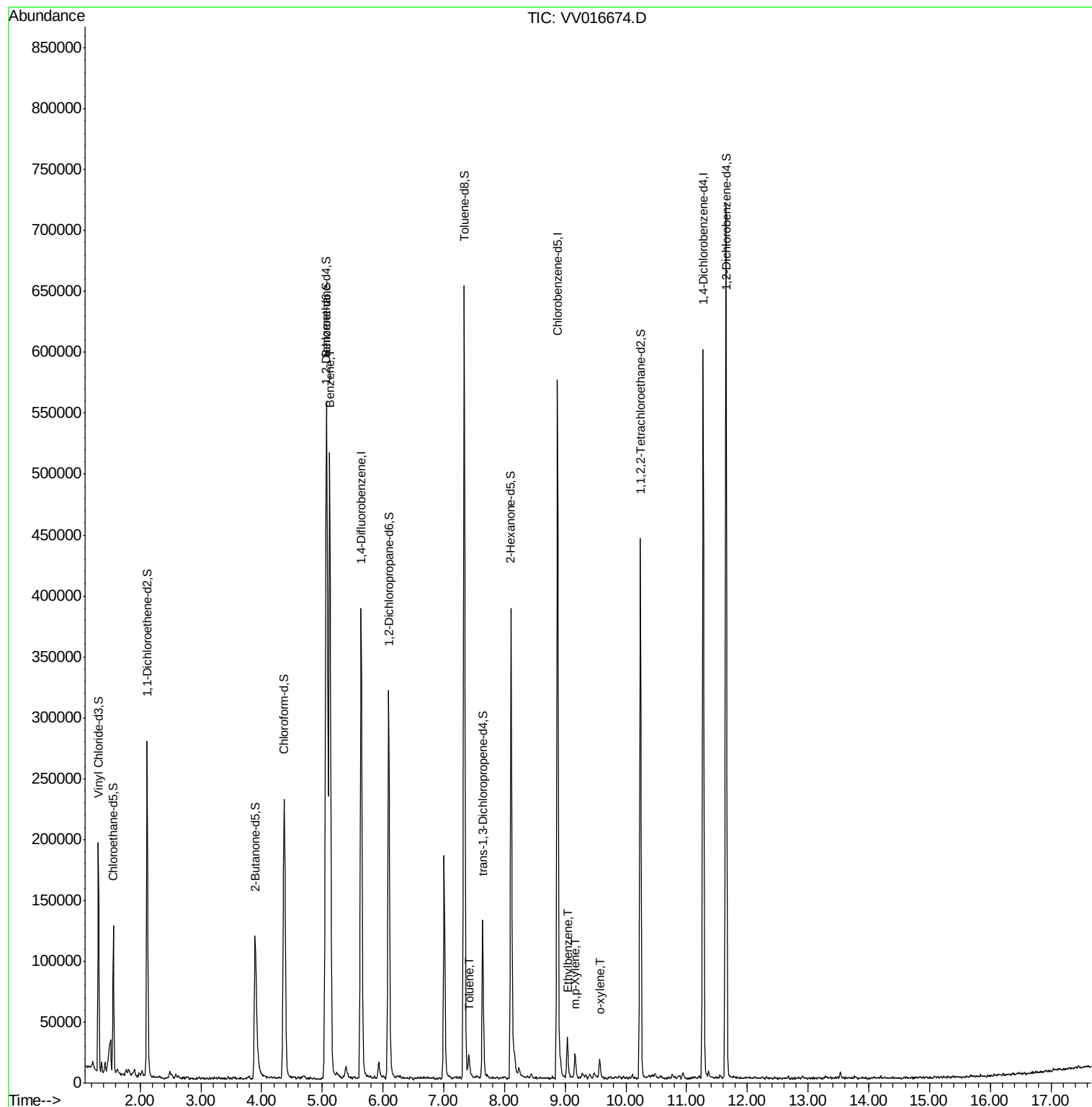
					Ovalue
33) Benzene	5.12	78	502660	57.354	ug/L 100
42) Toluene	7.41	91	12633	1.367	ug/L 94
52) Ethylbenzene	9.04	91	22497	2.198	ug/L 97
53) m,p-Xylene	9.16	106	5064	1.329	ug/L 96
54) o-xylene	9.57	106	3847	1.024	ug/L 99

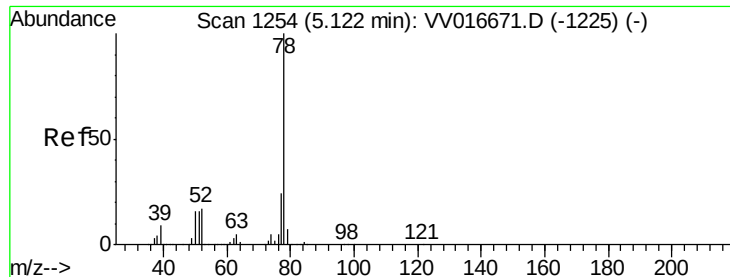
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 57.354 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

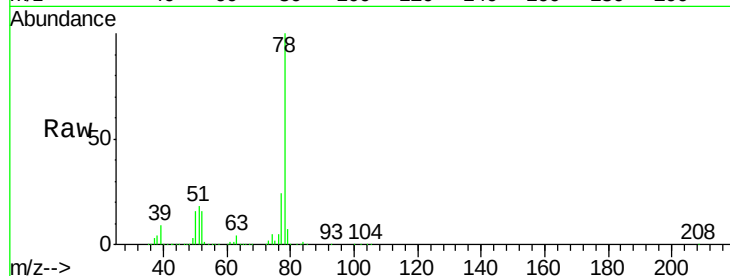
Instrument :

MSVOA_V

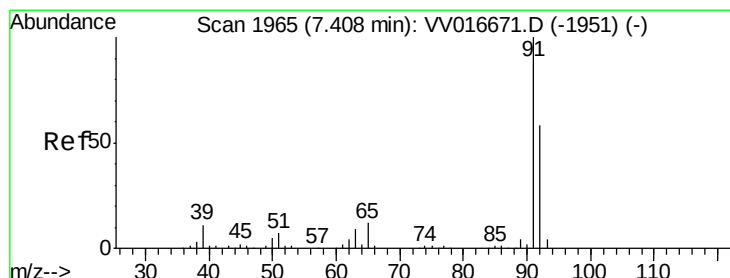
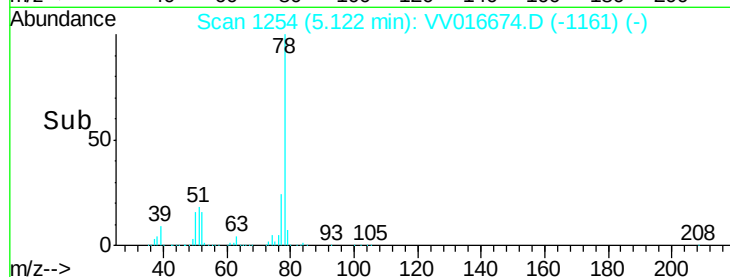
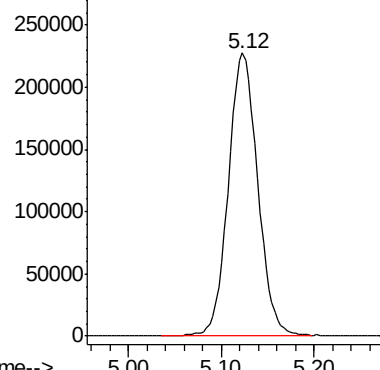
ClientSampleId :

F9E48DL2

Tgt Ion: 78 Resp: 502660



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 1.367 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016674.D

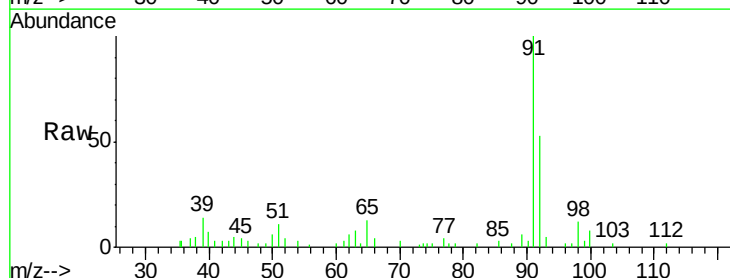
Acq: 08 Jun 2020 21:22

Tgt Ion: 91 Resp: 12633

Ion Ratio Lower Upper

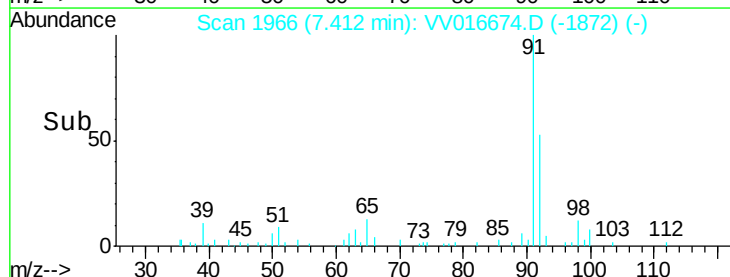
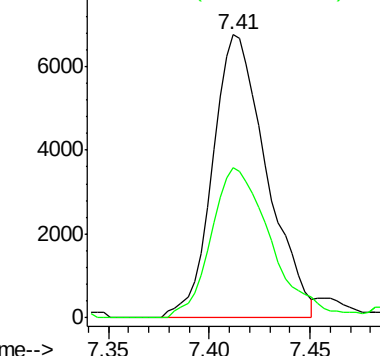
91 100

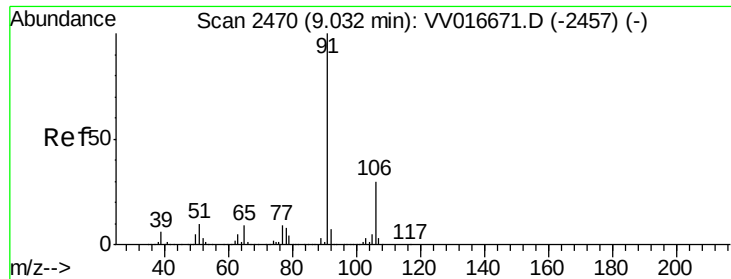
92 53.0 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 2.198 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016674.D

Acq: 08 Jun 2020 21:22

Instrument :

MSVOA_V

ClientSampleId :

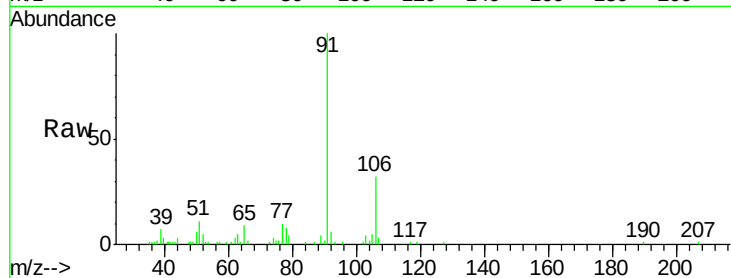
F9E48DL2

Tot Ion: 91 Resp: 22497

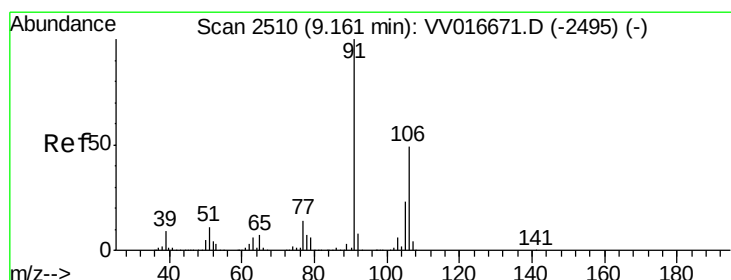
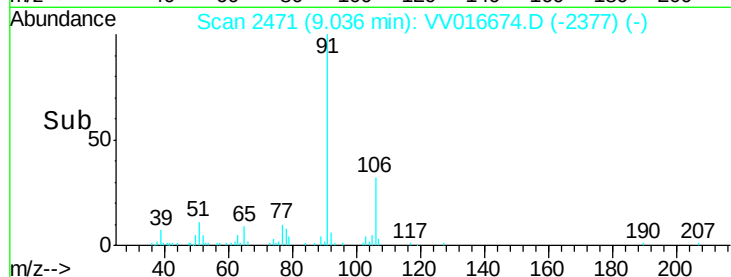
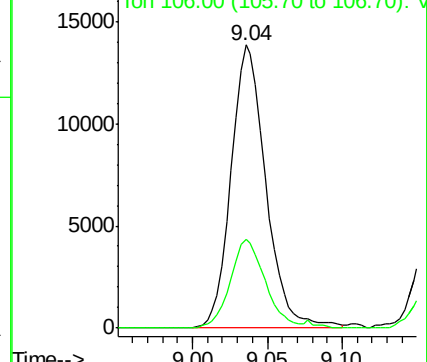
Ion Ratio Lower Upper

91 100

106 31.6 21.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VV016674.D (-2377) (-)



#53

m,p-Xylene

Concen: 1.329 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016674.D

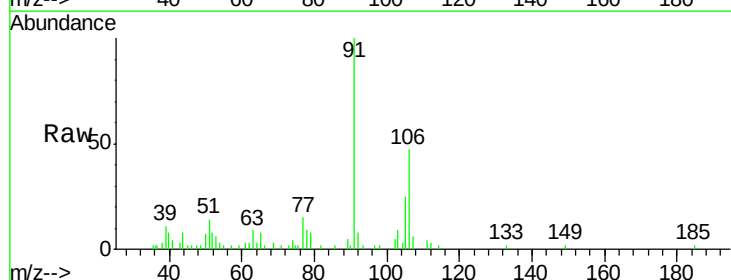
Acq: 08 Jun 2020 21:22

Tgt Ion: 106 Resp: 5064

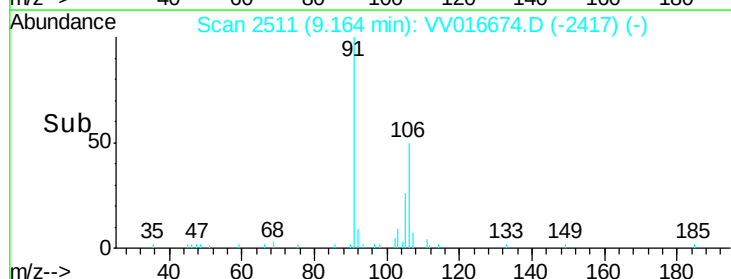
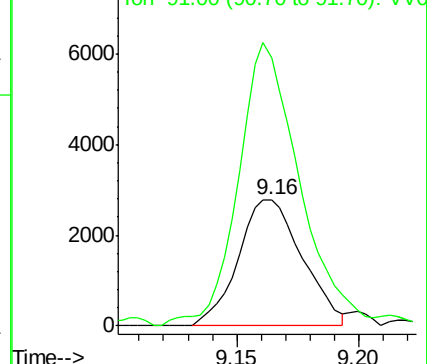
Ion Ratio Lower Upper

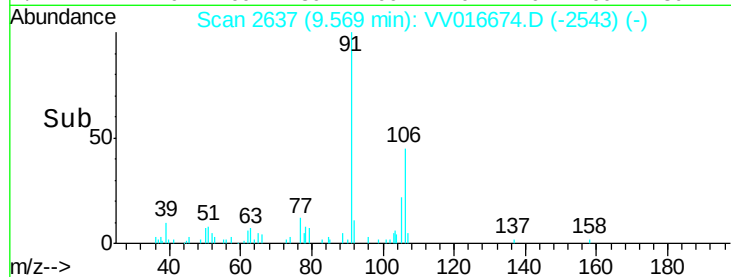
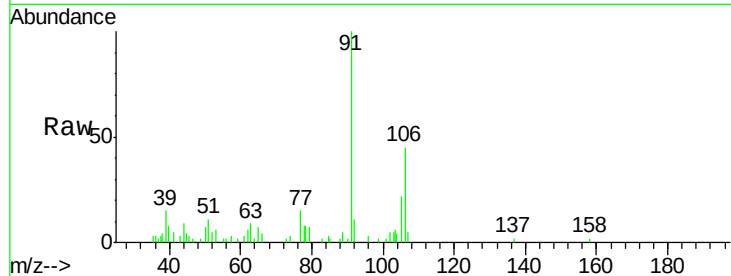
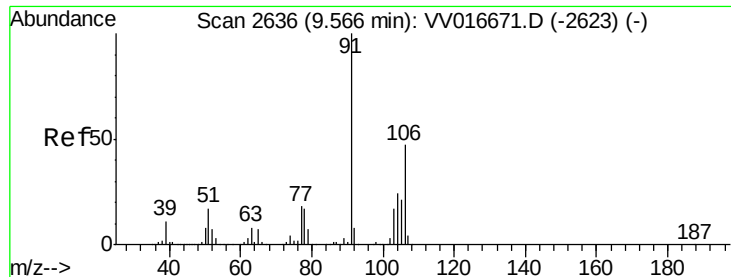
106 100

91 212.3 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): VV016674.D (-2417) (-)





#54
o-xylene
Concen: 1.024 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VV016674.D
Acq: 08 Jun 2020 21:22

Instrument :
MSVOA_V
ClientSampleId :
F9E48DL2

Tot Ion:106 Resp: 3847
Ion Ratio Lower Upper
106 100
91 221.8 155.9 289.5

