

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016909.D
 Acq On : 13 Jun 2020 04:05
 Operator : SY/MD
 Sample : L2990-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG7

Manual Integrations
 APPROVED

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 6/15/2020 12:23:03 PM

Quant Time: Jun 13 07:01:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	337897	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94869	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.56	69	71160	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.48%
11) 1,1-Dichloroethene-d2	2.12	63	137668	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	3.89	46	163248	92.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.51%
24) Chloroform-d	4.37	84	211956m	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.05	65	156819	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
32) Benzene-d6	5.07	84	407280	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
36) 1,2-Dichloropropane-d6	6.09	67	127641	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.80%
41) Toluene-d8	7.34	98	379510	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.64	79	62119	41.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.04%
47) 2-Hexanone-d5	8.11	63	112066	88.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173878	45.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	168798	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%

Target Compounds

					Ovalue	
35) Methylcyclohexane	6.15	83	10415m	2.586	ug/L	
46) Tetrachloroethene	8.00	164	1796	0.889	ug/L	87
52) Ethylbenzene	9.04	91	8594975	768.874	ug/L	97
53) m,p-Xylene	9.17	106	8939441	2147.784	ug/L	73
56) Isopropylbenzene	9.95	105	71348	6.469	ug/L	99

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

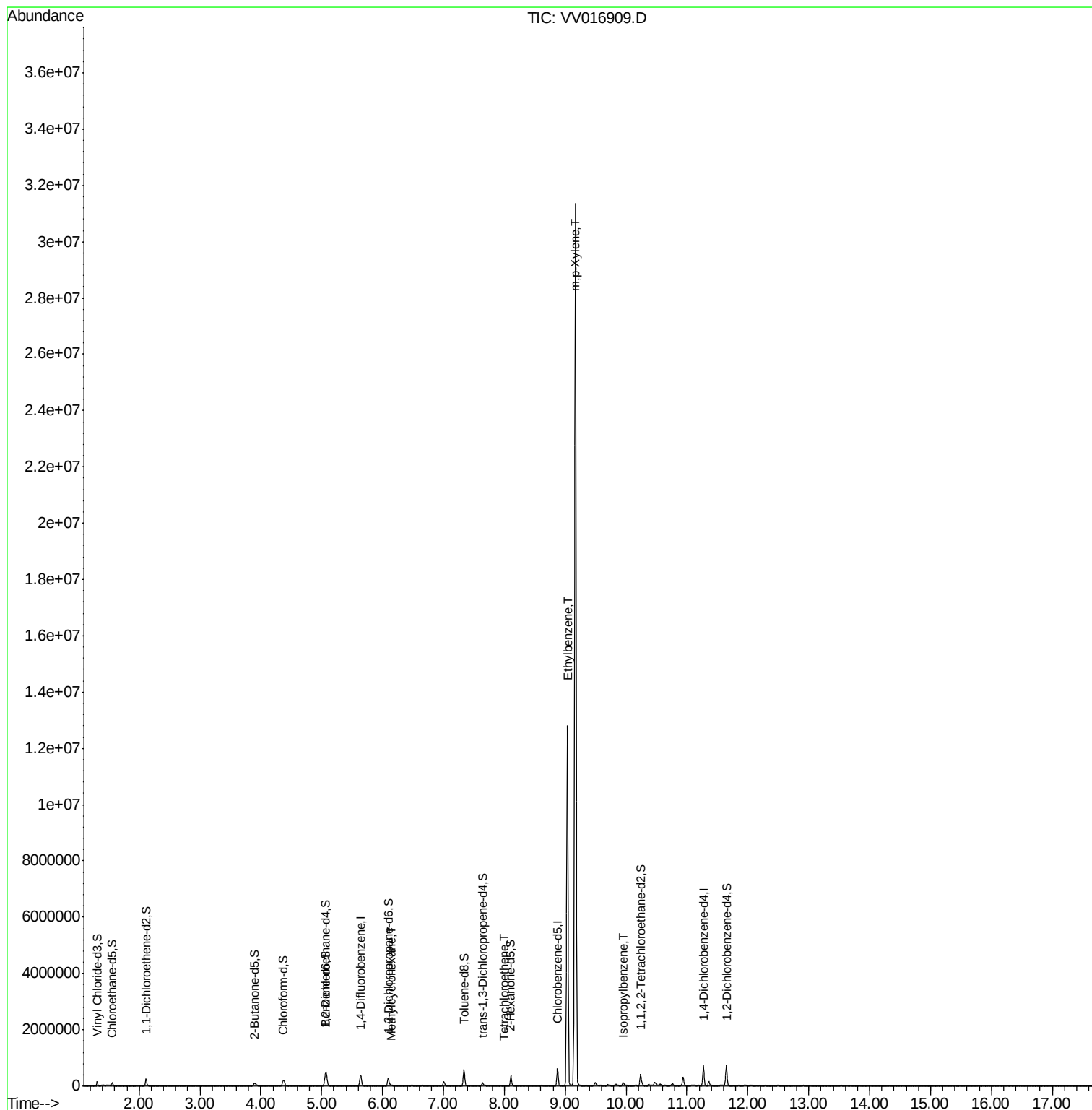
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016909.D
Acq On : 13 Jun 2020 04:05
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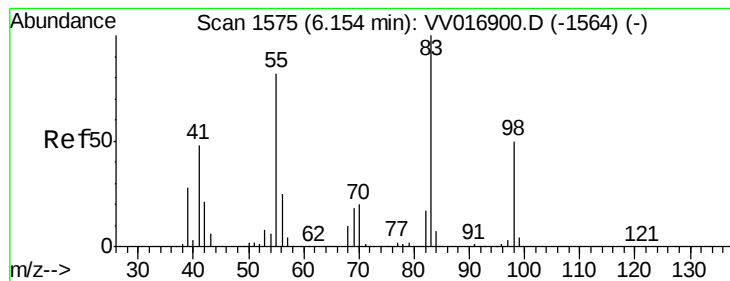
Instrument :
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E3YG7

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Quant Time: Jun 13 07:01:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration





#35

Methvlcvclohexane

Concen: 2.586 ug/L m

RT: 6.15 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampleId :

E3YG7

Tot Ion: 83 Resp: 10415

Ion Ratio Lower Upper

83 100

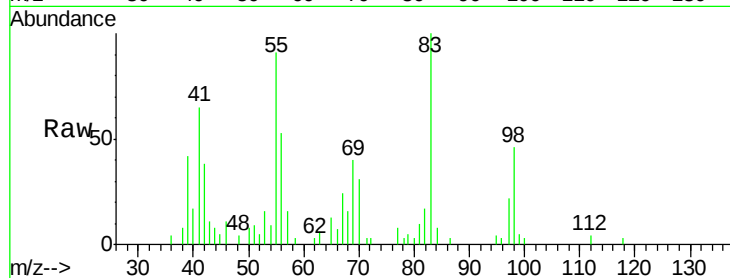
55 0.0 64.2 96.2#

98 3.9 40.3 60.5#

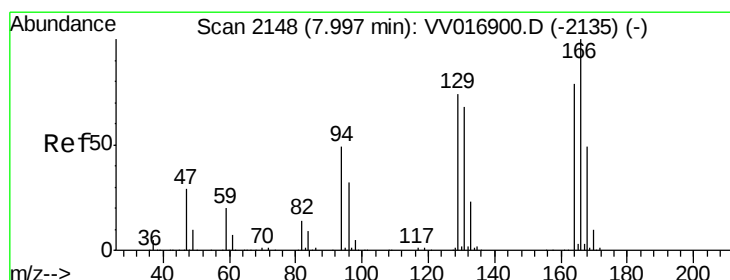
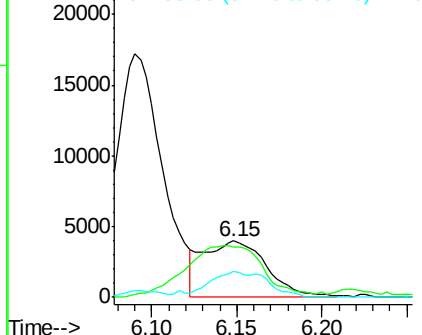
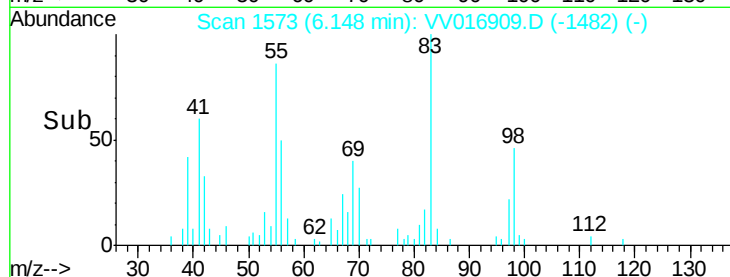
Manual Integrations
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Abundance Ion 83.00 (82.70 to 83.70): VV016909.D (-1482) (-)



#46

Tetrachloroethene

Concen: 0.889 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Tgt Ion: 164 Resp: 1796

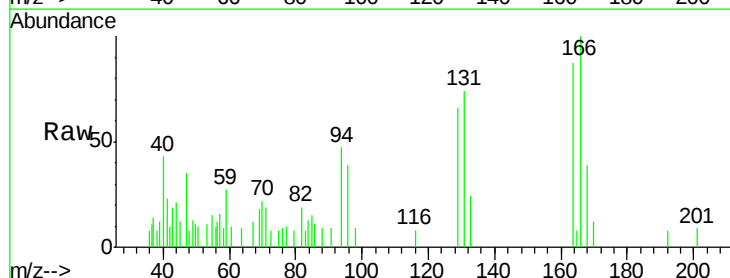
Ion Ratio Lower Upper

164 100

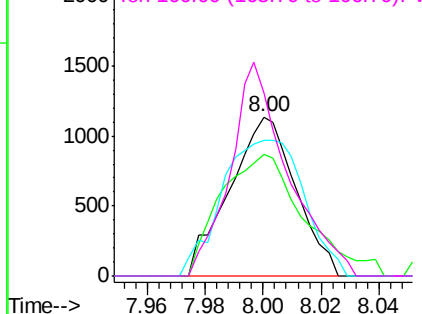
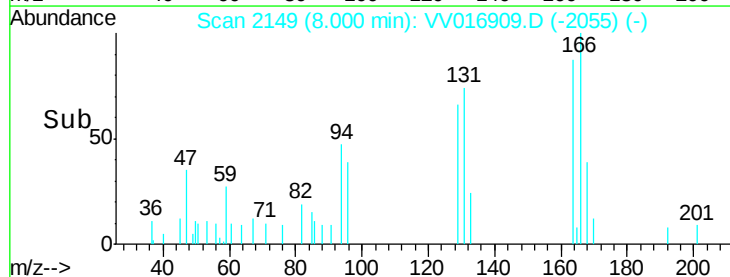
129 76.2 67.0 124.4

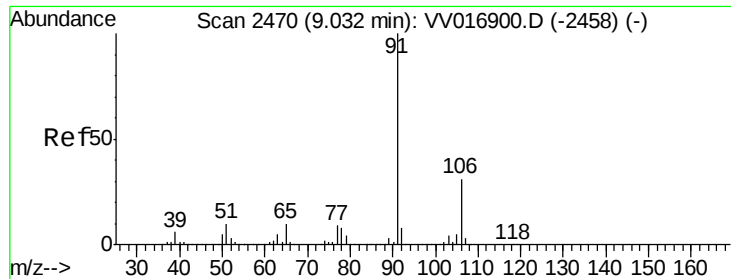
131 85.1 64.8 120.3

166 114.9 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VV016909.D (-2055) (-)





#52

Ethylbenzene

Concen: 768.874 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampleId :

E3YG7

Tot Ion: 91 Resp: 8594975

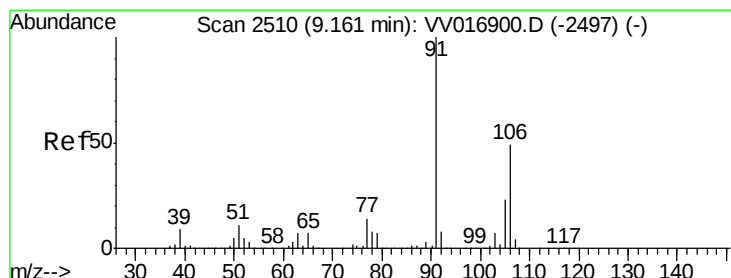
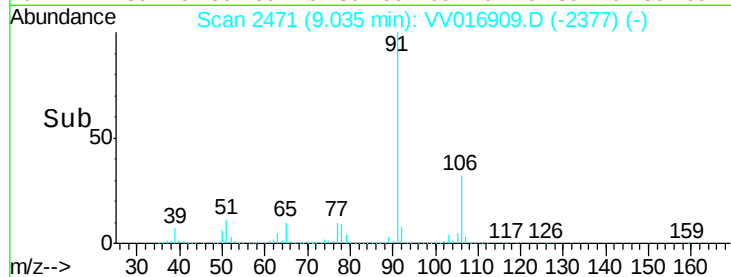
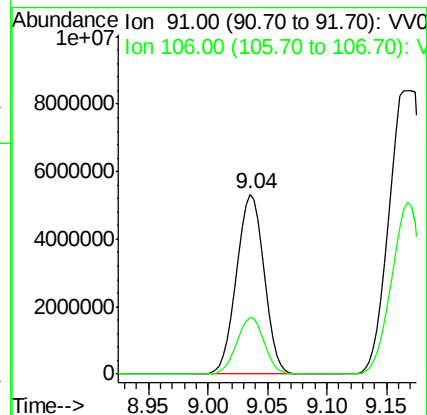
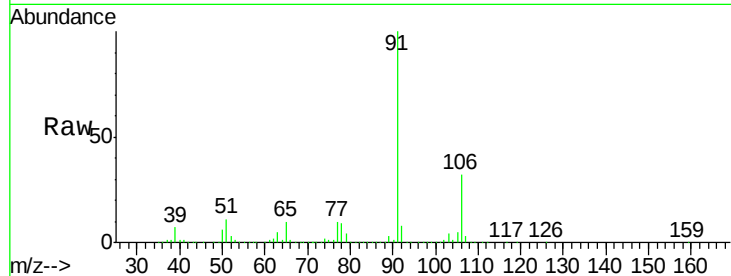
Ion Ratio Lower Upper

91 100

106 31.8 21.1 39.1

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#53

m,p-Xylene

Concen: 2147.784 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016909.D

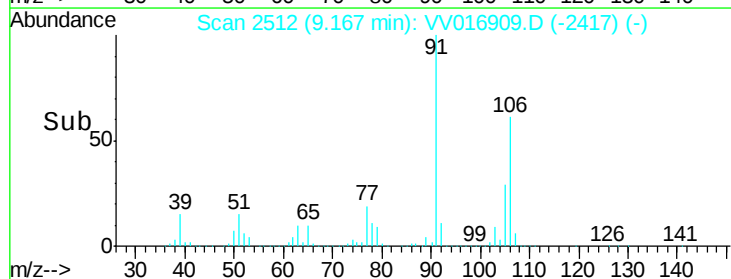
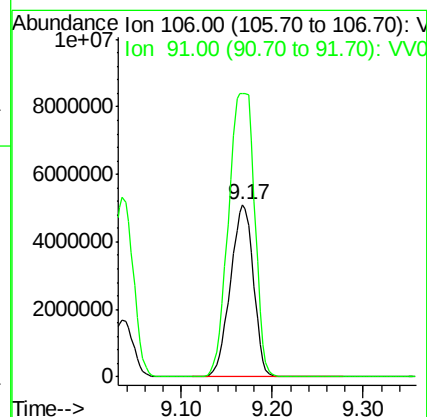
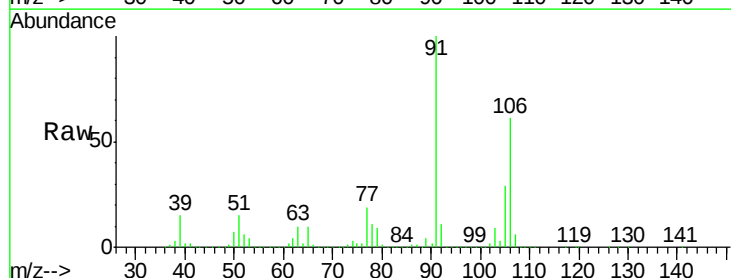
Acq: 13 Jun 2020 04:05

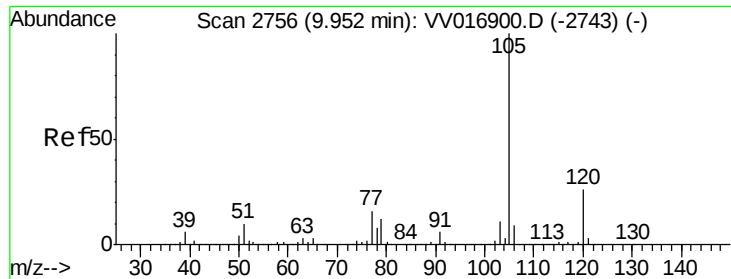
Tgt Ion: 106 Resp: 8939441

Ion Ratio Lower Upper

106 100

91 164.5 144.6 268.6





#56

Isopropylbenzene

Concen: 6.469 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV016909.D

Acq: 13 Jun 2020 04:05

Instrument :

MSVOA_V

ClientSampleId :

E3YG7

Tot Ion:	105	Resp:	71348
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.2	31.8
77	17.4	13.0	19.4

Manual Integrations
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