

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036318.D
 Acq On : 20 Dec 2019 15:16
 Operator : JC/MD
 Sample : K6282-11DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW7DL

Quant Time: Dec 21 04:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237272	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	94091	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	88436	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	101904	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.68	46	181917	46.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.94%
24) Chloroform-d	5.11	84	154007	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.75	65	82394	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.77	84	278355	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.73	67	91047	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.93	98	227858	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.21	79	34218	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.67	63	140468	43.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	82299	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	95017	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

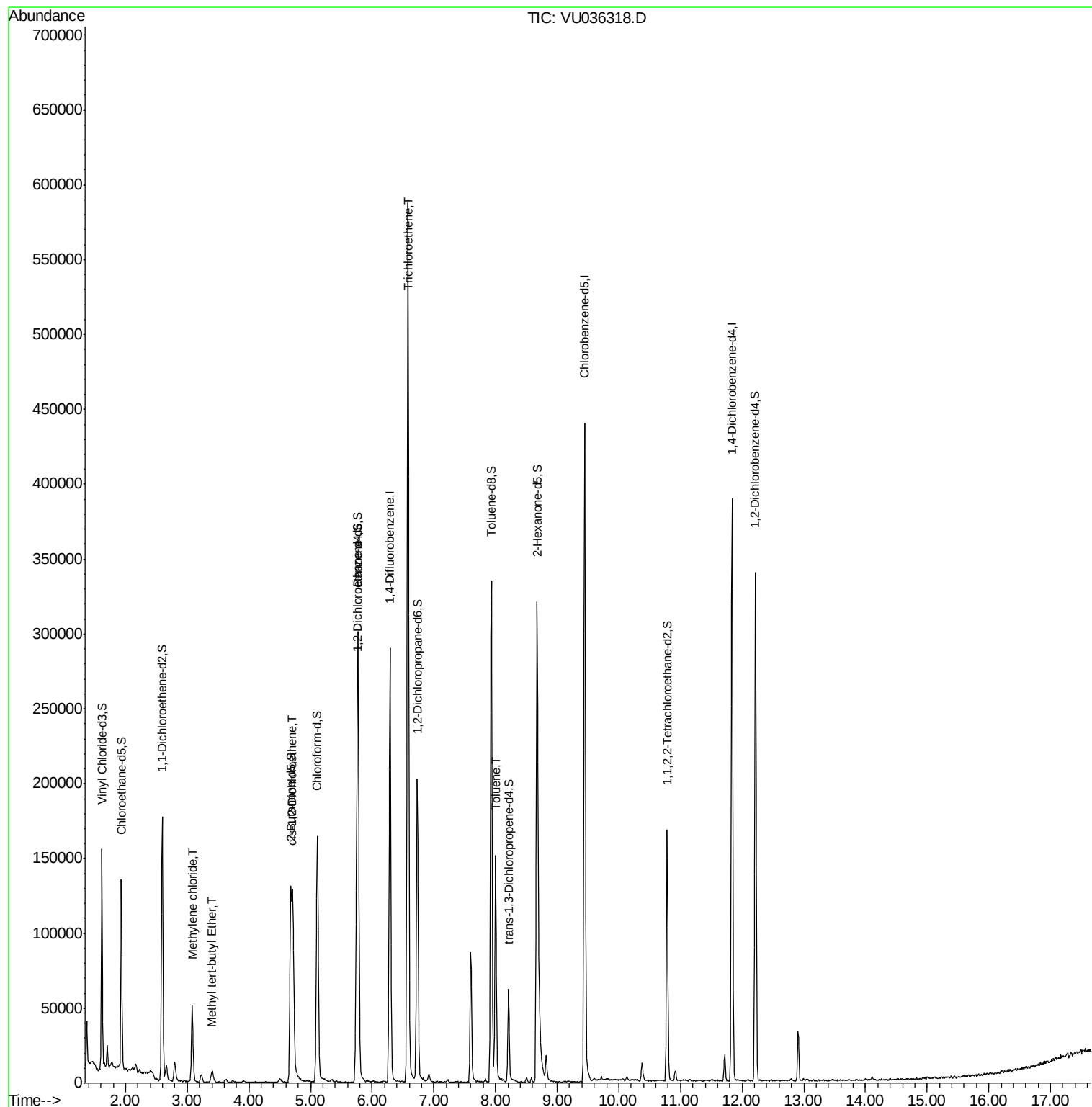
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	25886	1.000	ug/L	97
17) Methyl tert-butyl Ether	3.41	73	6135	0.163	ug/L	# 89
22) cis-1,2-Dichloroethene	4.72	96	55022	2.782	ug/L	95
34) Trichloroethene	6.58	95	198602	9.595	ug/L	97
42) Toluene	8.00	91	110680	1.286	ug/L	96

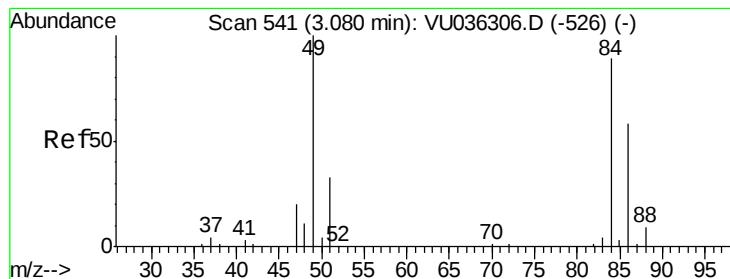
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 22:20:21 2019
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#16

Methylene chloride

Concen: 1.000 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036318.D

Acq: 20 Dec 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

BFDW7DL

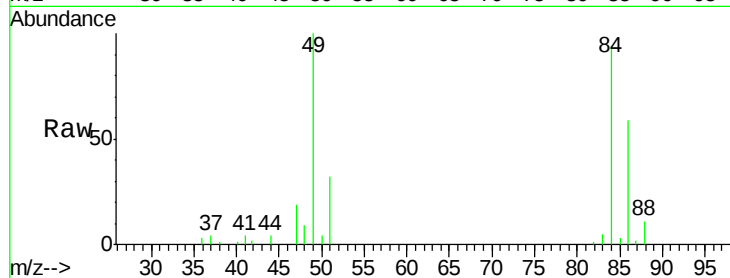
Tot Ion: 84 Resp: 25886

Ion Ratio Lower Upper

84 100

86 62.6 43.0 79.8

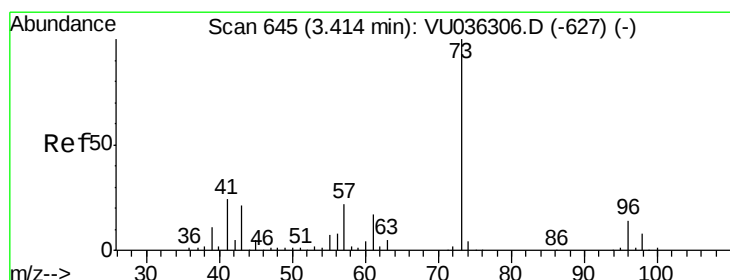
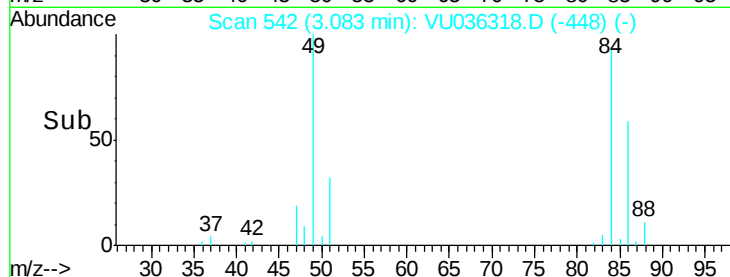
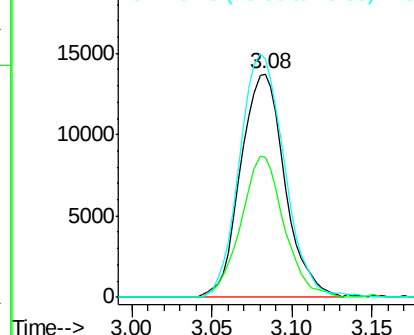
49 106.9 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036318.D (-548) (-)

Ion 86.00 (85.70 to 86.70): VU036318.D (-548) (-)

Ion 49.10 (48.80 to 49.80): VU036318.D (-548) (-)



#17

Methyl tert-butyl Ether

Concen: 0.163 ug/L

RT: 3.41 min Scan# 643

Delta R.T. -0.01 min

Lab File: VU036318.D

Acq: 20 Dec 2019 15:16

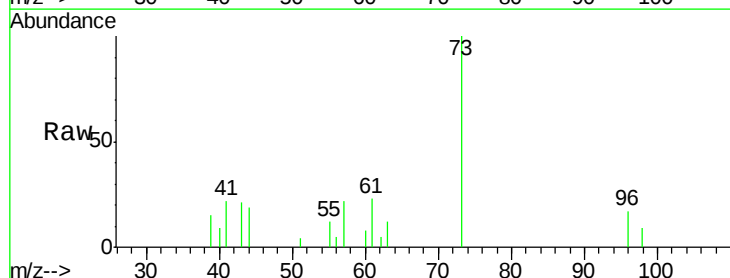
Tgt Ion: 73 Resp: 6135

Ion Ratio Lower Upper

73 100

43 11.0 15.3 22.9#

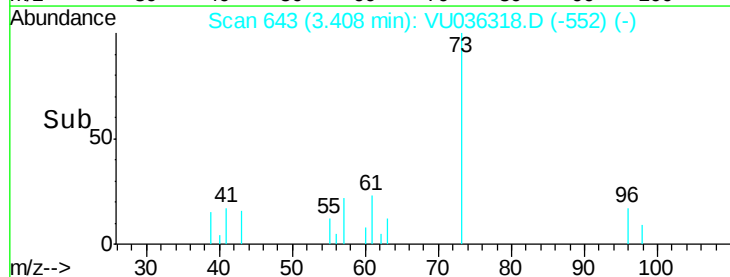
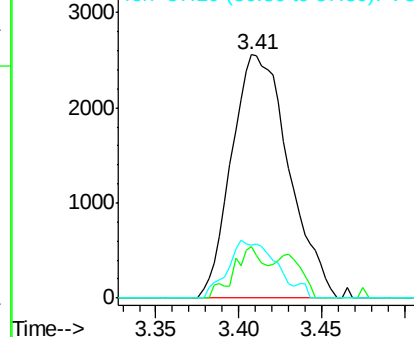
57 20.3 18.2 27.2

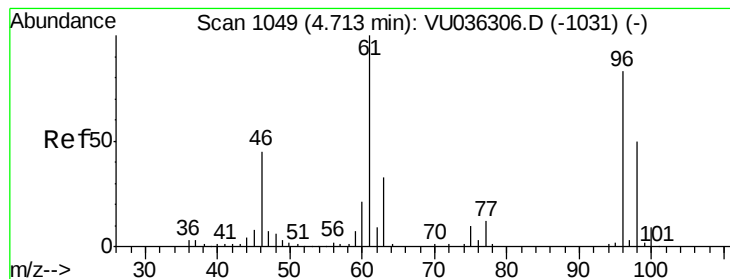


Abundance Ion 73.10 (72.80 to 73.80): VU036318.D (-552) (-)

Ion 43.05 (42.75 to 43.75): VU036318.D (-552) (-)

Ion 57.10 (56.80 to 57.80): VU036318.D (-552) (-)





#22

cis-1,2-Dichloroethene

Concen: 2.782 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036318.D

Acq: 20 Dec 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

BFDW7DL

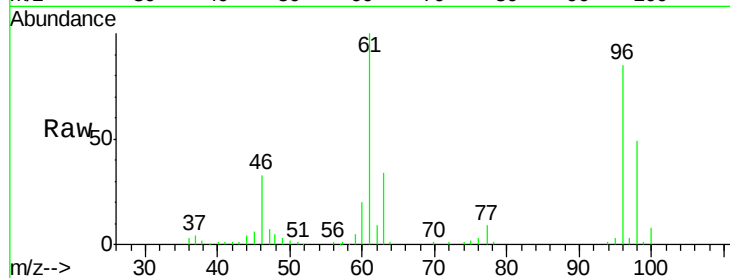
Tot Ion: 96 Resp: 55022

Ion Ratio Lower Upper

96 100

61 117.8 86.7 161.1

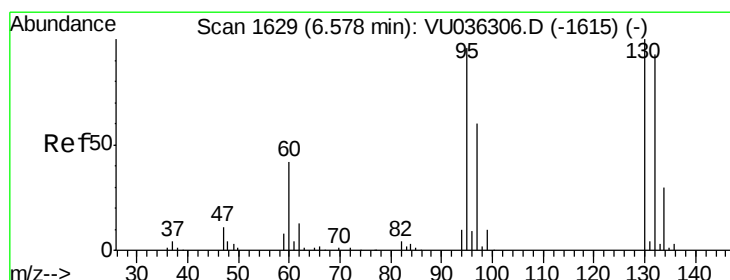
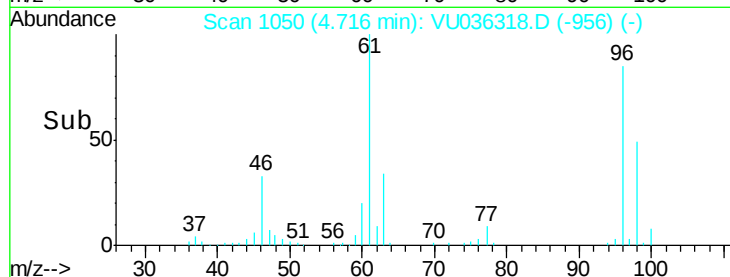
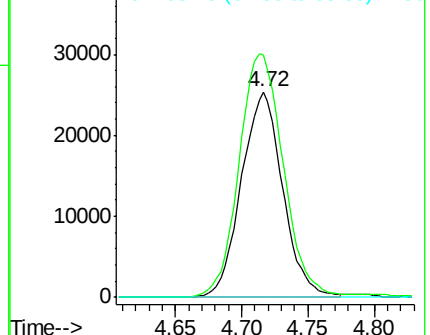
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036318.D (-1031) (-)

Ion 61.05 (60.75 to 61.75): VU036318.D (-1031) (-)

Ion 68.15 (67.85 to 68.85): VU036318.D (-1031) (-)



#34

Trichloroethene

Concen: 9.595 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036318.D

Acq: 20 Dec 2019 15:16

Tgt Ion: 95 Resp: 198602

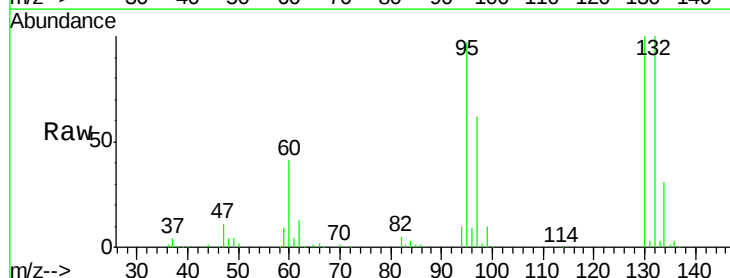
Ion Ratio Lower Upper

95 100

97 64.1 43.6 81.0

132 103.2 69.6 129.2

130 102.8 70.3 130.7

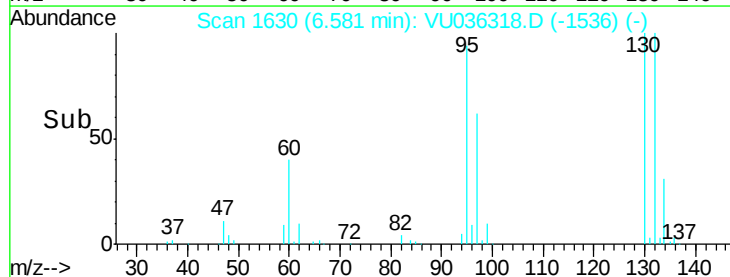
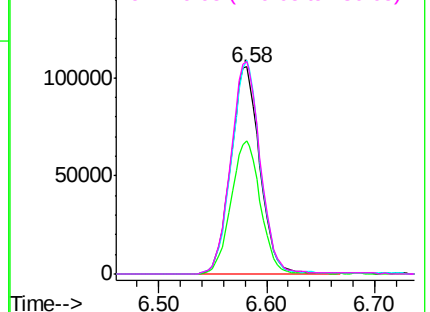


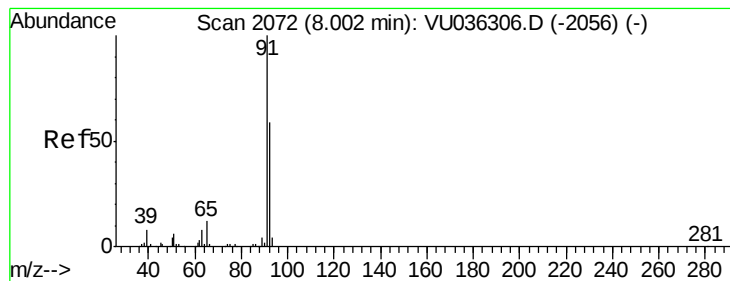
Abundance Ion 95.00 (94.70 to 95.70): VU036318.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU036318.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU036318.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU036318.D (-1615) (-)





#42

Toluene

Concen: 1.286 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036318.D

Acq: 20 Dec 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

BFDW7DL

Tot Ion: 91 Resp: 110680

Ion Ratio Lower Upper

91 100

92 56.1 41.2 76.6

