

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037090.D
 Acq On : 05 Mar 2020 18:03
 Operator : JC/MD
 Sample : L1780-03DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF7DL

Quant Time: Mar 06 01:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	250739	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75847	36.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.04%
7) Chloroethane-d5	1.93	69	78029	44.79	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.59	63	106831	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.60%
21) 2-Butanone-d5	4.67	46	146337	103.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.61%
24) Chloroform-d	5.11	84	152443	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
26) 1,2-Dichloroethane-d4	5.74	65	108919	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.76	84	325589	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
36) 1,2-Dichloropropane-d6	6.72	67	110900	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.92	98	288360	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%
43) trans-1,3-Dichloropropene-	8.20	79	44333	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
47) 2-Hexanone-d5	8.66	63	99778	91.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157799	50.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	89932	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%

Target Compounds

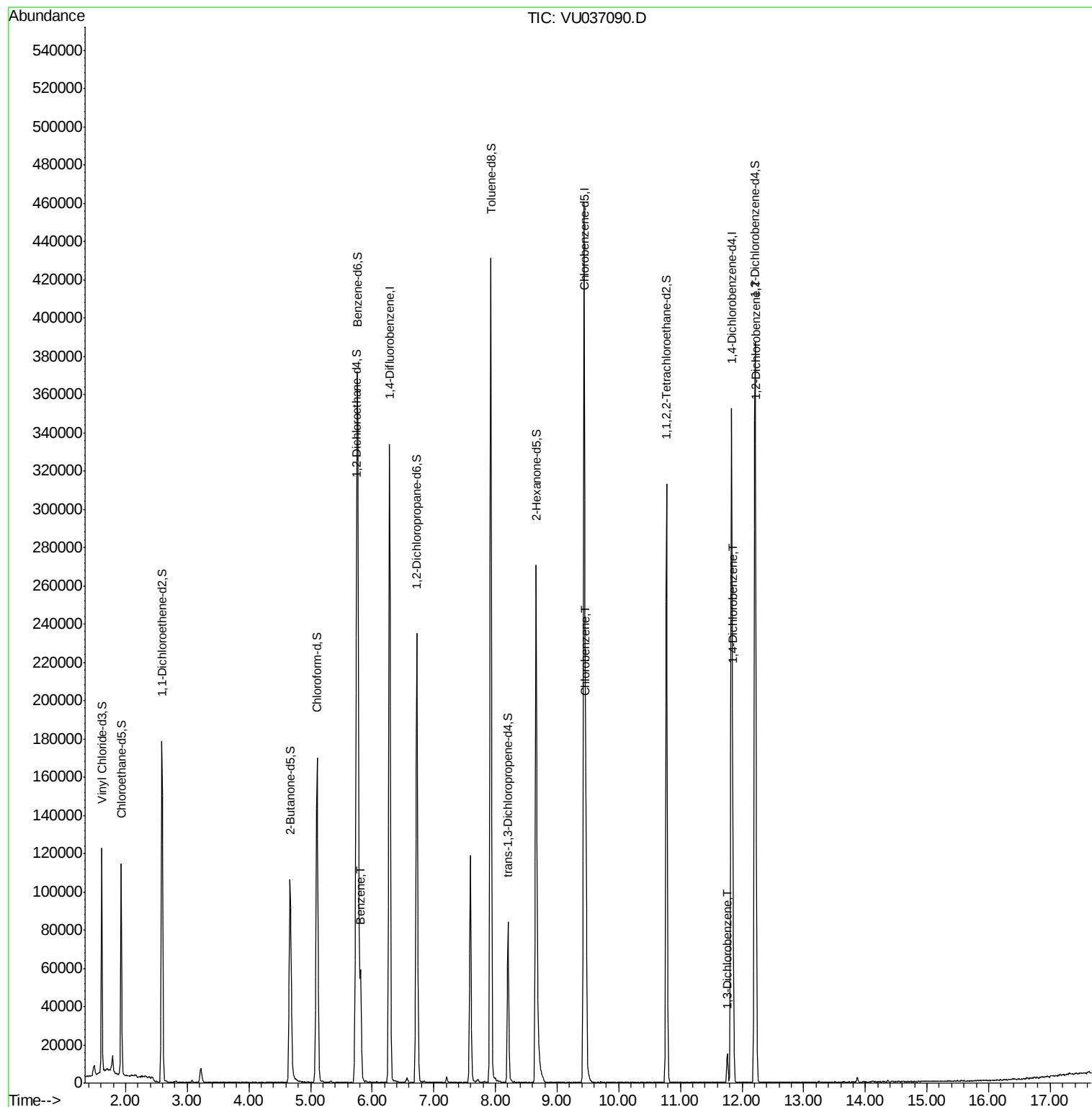
					Ovalue
33) Benzene	5.81	78	51661	6.844 ug/L	100
51) Chlorobenzene	9.47	112	70274	14.747 ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	6179	2.169 ug/L	92
63) 1,4-Dichlorobenzene	11.85	146	32019	11.374 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	38975	13.699 ug/L	98

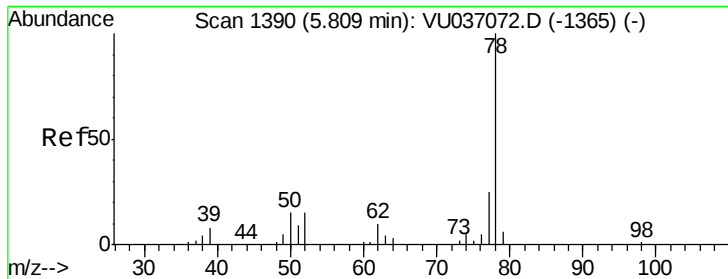
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 6.844 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037090.D

Acq: 05 Mar 2020 18:03

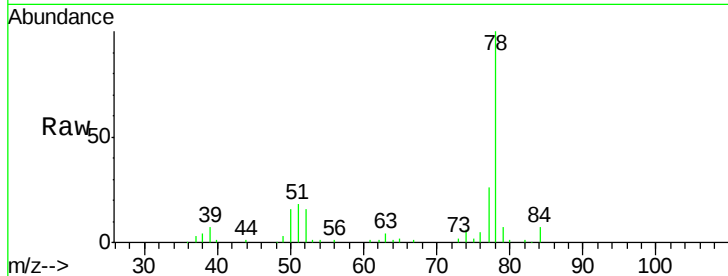
Instrument :

MSVOA_U

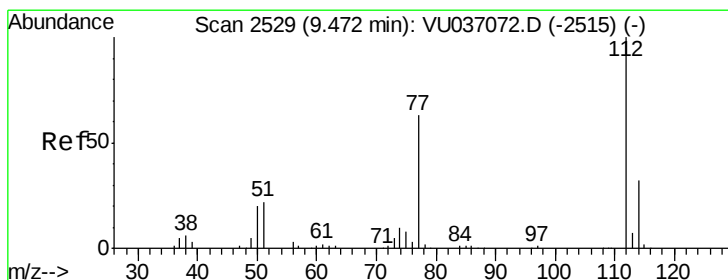
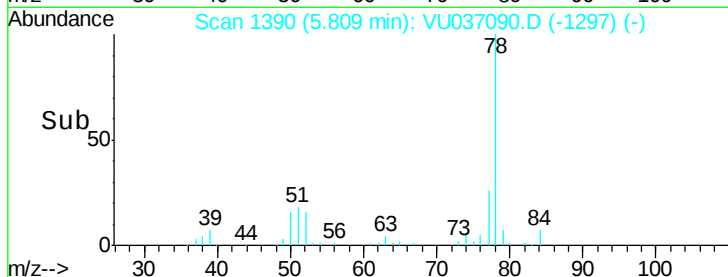
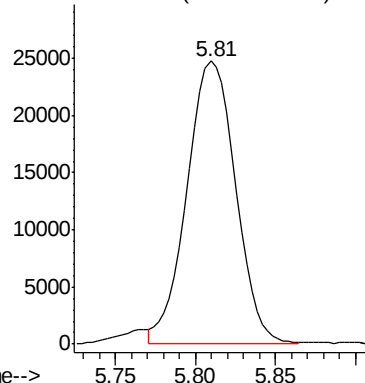
ClientSampleId :

C0DF7DL

Tgt Ion: 78 Resp: 51661



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 14.747 ug/L

RT: 9.47 min Scan# 2528

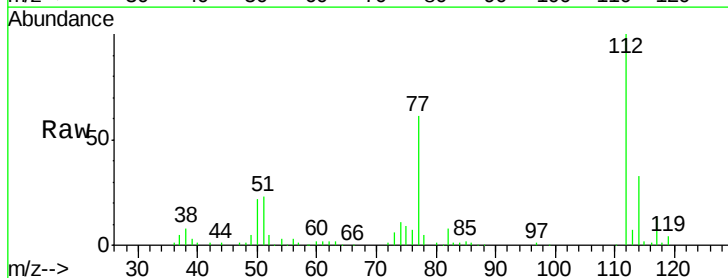
Delta R.T. -0.00 min

Lab File: VU037090.D

Acq: 05 Mar 2020 18:03

Tgt Ion: 112 Resp: 70274

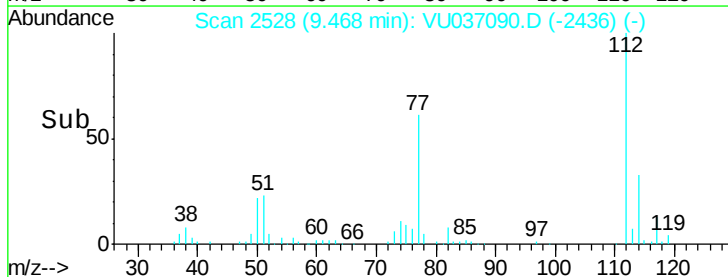
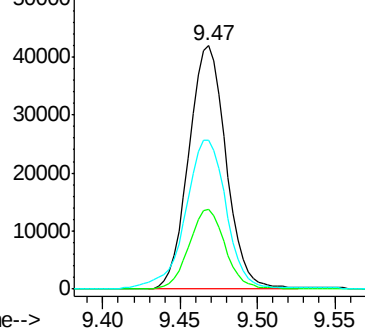
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.5
77	61.3	50.1	75.1

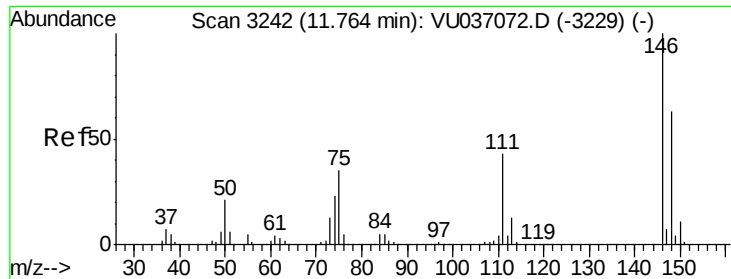


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 2.169 ug/L

RT: 11.76 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VU037090.D

Acq: 05 Mar 2020 18:03

Instrument :

MSVOA_U

ClientSampleId :

C0DF7DL

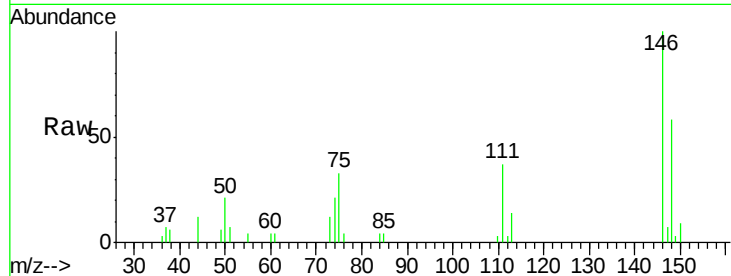
Tot Ion:146 Resp: 6179

Ion Ratio Lower Upper

146 100

111 37.5 30.7 56.9

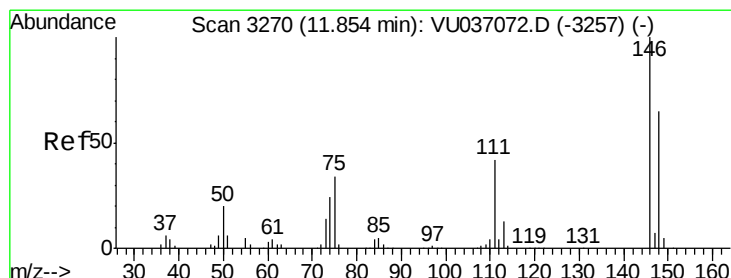
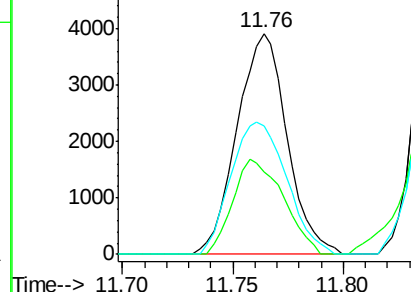
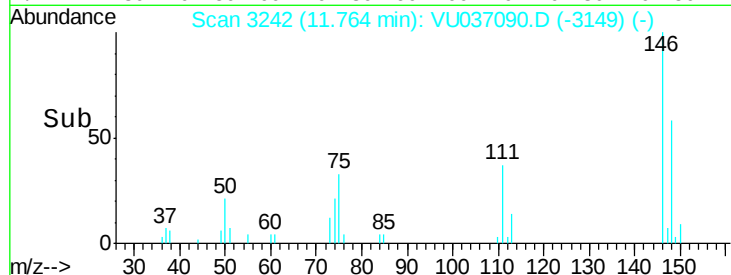
148 58.0 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 11.374 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU037090.D

Acq: 05 Mar 2020 18:03

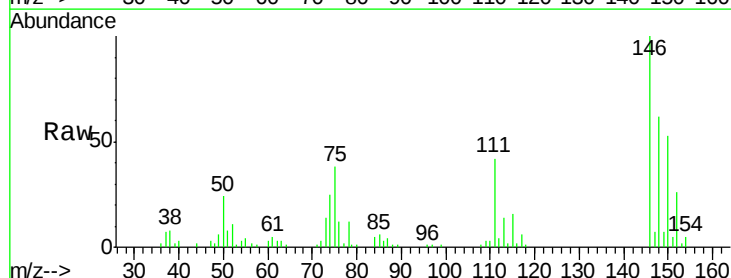
Tgt Ion:146 Resp: 32019

Ion Ratio Lower Upper

146 100

111 41.9 29.8 55.4

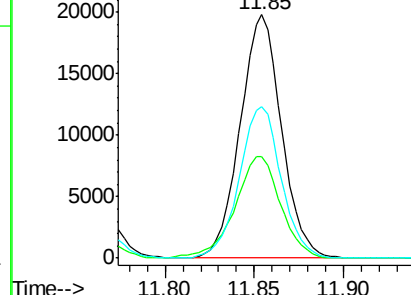
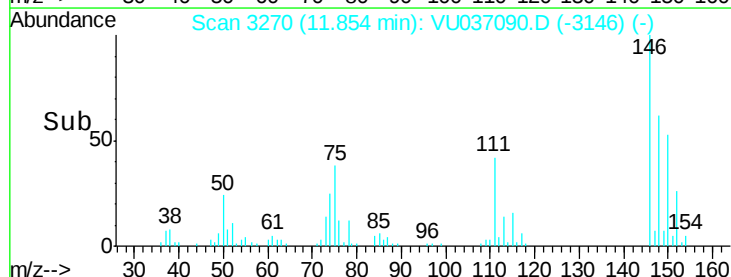
148 62.4 45.1 83.9

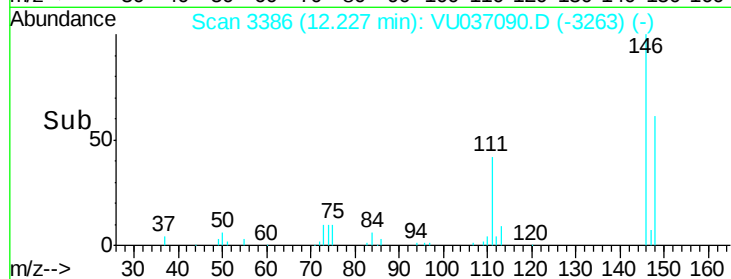
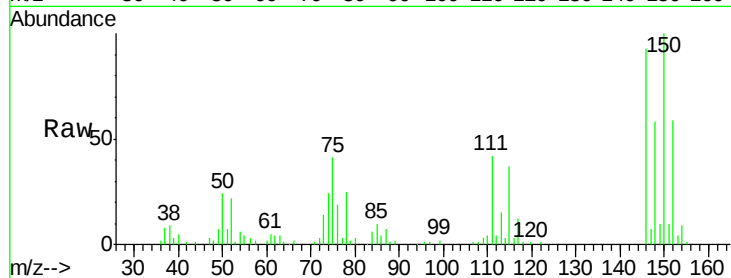
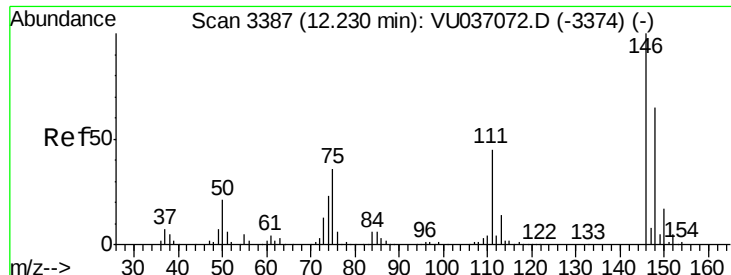


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 13.699 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU037090.D

Acq: 05 Mar 2020 18:03

Instrument :

MSVOA_U

ClientSampleId :

C0DF7DL

Tot Ion:146 Resp: 38975

Ion Ratio Lower Upper

146 100

111 45.7 35.4 53.0

148 62.1 50.5 75.7

