

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038722.D
 Acq On : 09 Jun 2020 14:21
 Operator : SY/MD
 Sample : L2896-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MSD

Quant Time: Jun 10 02:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	562460	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	546998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	258248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	175004	55.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.38%
7) Chloroethane-d5	1.93	69	142960	58.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.28%
11) 1,1-Dichloroethene-d2	2.59	63	373059	54.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.94%
21) 2-Butanone-d5	4.66	46	361386	118.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.21%
24) Chloroform-d	5.10	84	364253	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.52%
26) 1,2-Dichloroethane-d4	5.74	65	247773	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
32) Benzene-d6	5.76	84	763967	57.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.96%
36) 1,2-Dichloropropane-d6	6.72	67	231638	57.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.08%
41) Toluene-d8	7.92	98	673538	56.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.14%
43) trans-1,3-Dichloropropene-	8.20	79	113448	55.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.98%
47) 2-Hexanone-d5	8.65	63	269124	124.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.51%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	332077	54.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	266742	59.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.98%

Target Compounds

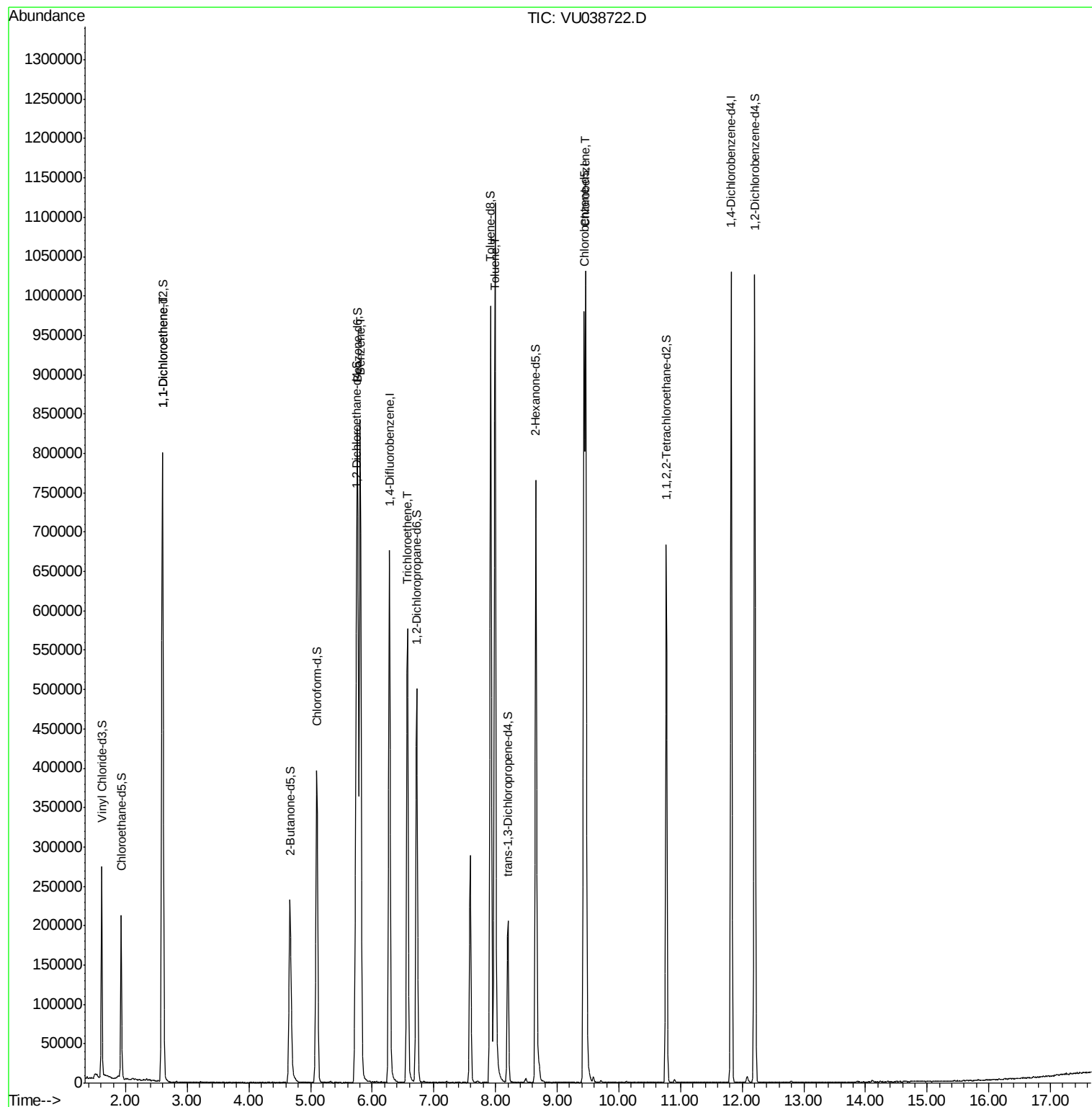
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	168030	47.197	ug/L	# 86
33) Benzene	5.81	78	802955	49.433	ug/L	100
34) Trichloroethene	6.57	95	193804	46.912	ug/L	98
42) Toluene	7.99	91	840102	49.464	ug/L	99
51) Chlorobenzene	9.47	112	532295	48.784	ug/L	99

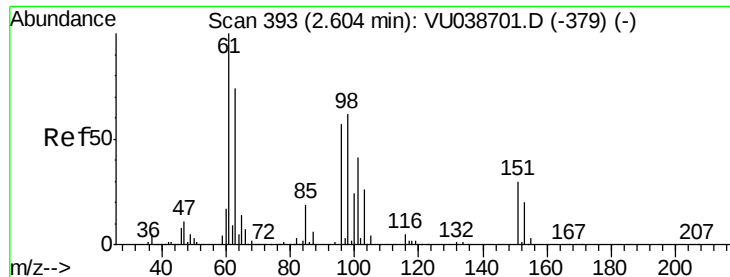
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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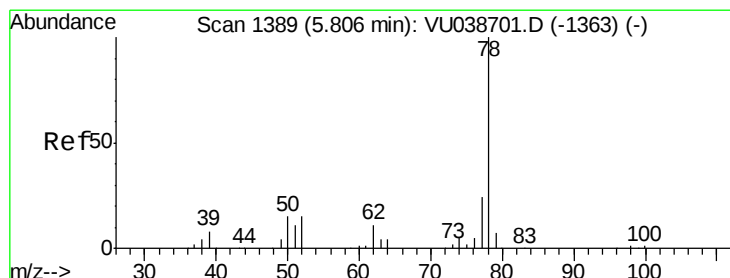
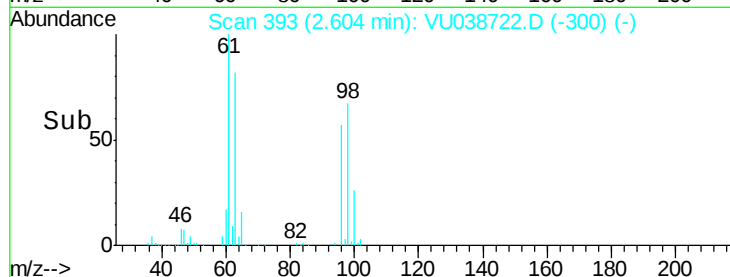
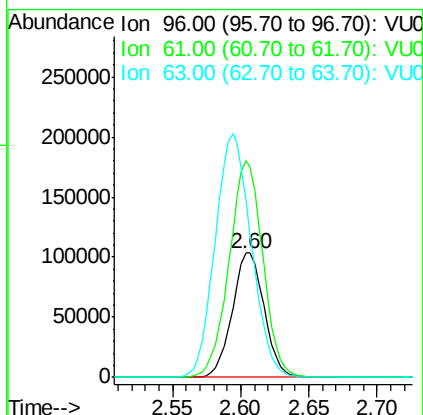
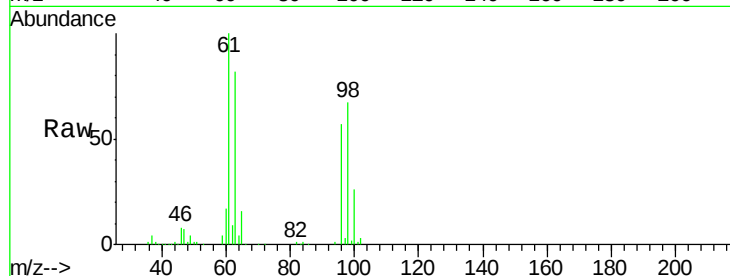




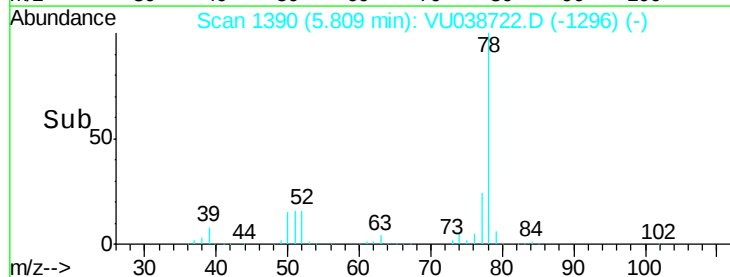
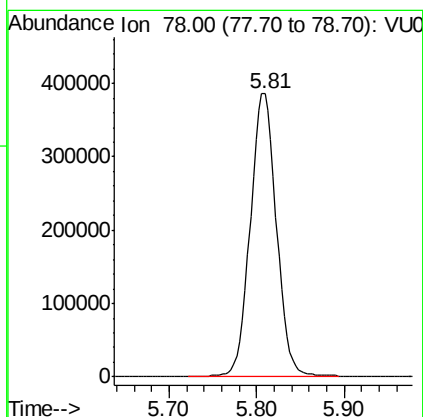
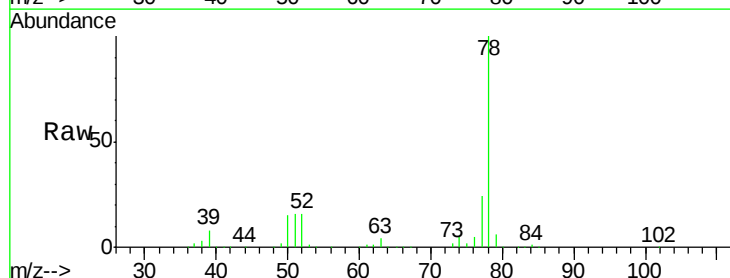
#12
 1,1-Dichloroethene
 Concen: 47.197 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

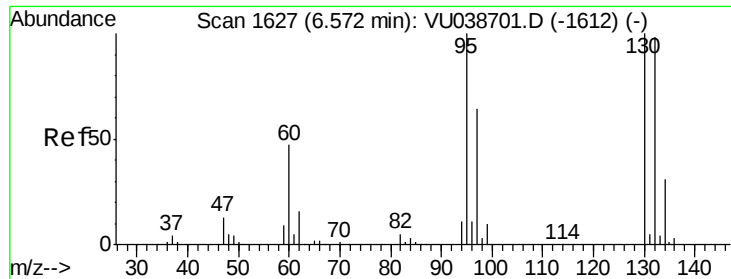
Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MSD

Tot Ion: 96 Resp: 168030
 Ion Ratio Lower Upper
 96 100
 61 174.5 120.0 223.0
 63 142.7 75.8 140.8#



#33
 Benzene
 Concen: 49.433 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21
 Tgt Ion: 78 Resp: 802955

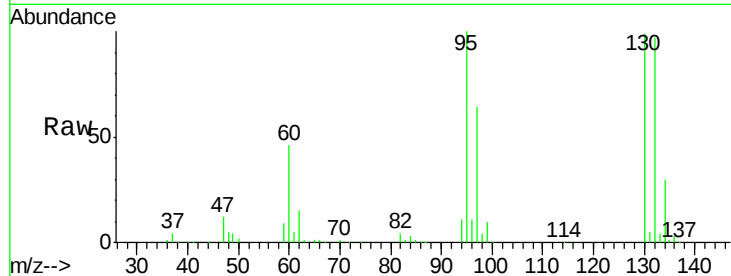




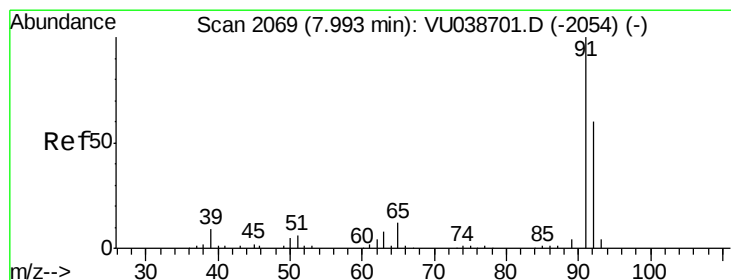
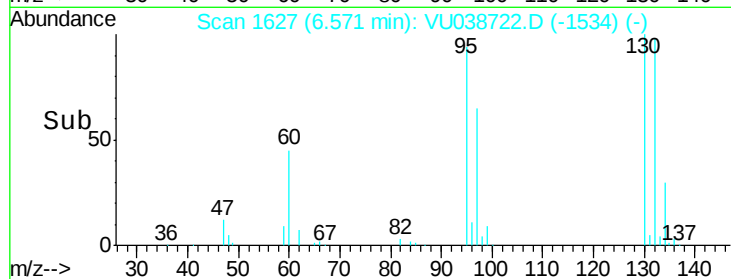
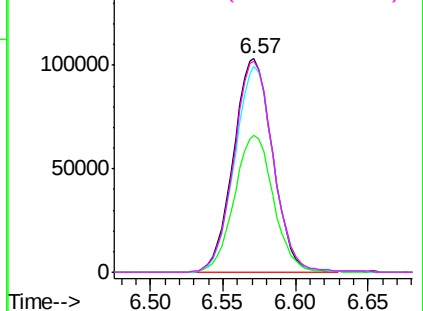
#34
 Trichloroethene
 Concen: 46.912 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MSD

Tot Ion: 95 Resp: 193804
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.4 82.4
 132 96.7 64.9 120.5
 130 99.1 68.6 127.4

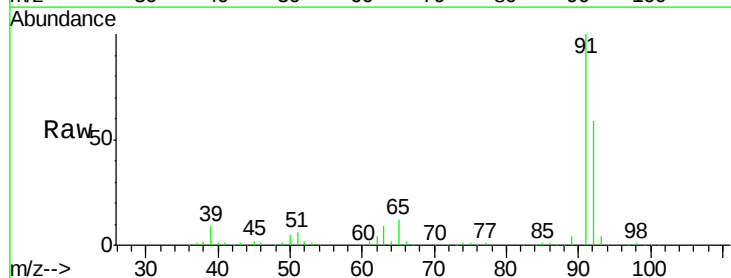


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

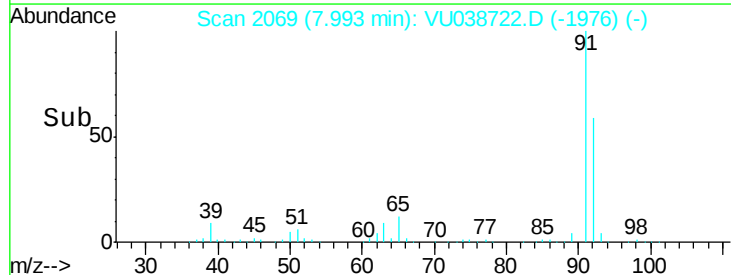
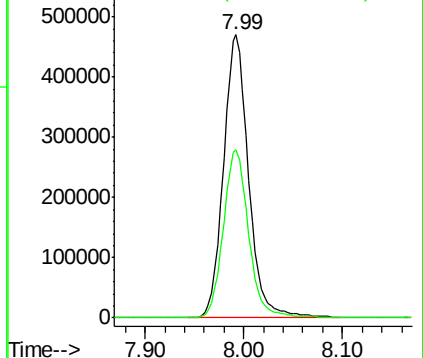


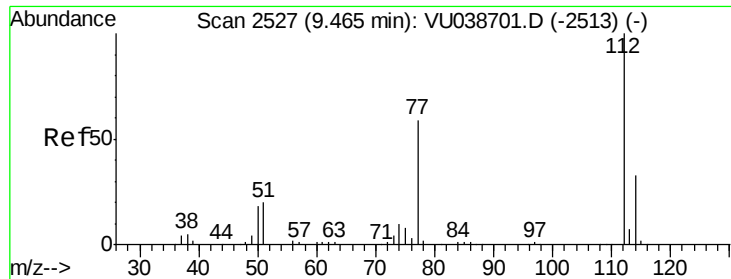
#42
 Toluene
 Concen: 49.464 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

Tgt Ion: 91 Resp: 840102
 Ion Ratio Lower Upper
 91 100
 92 59.2 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0

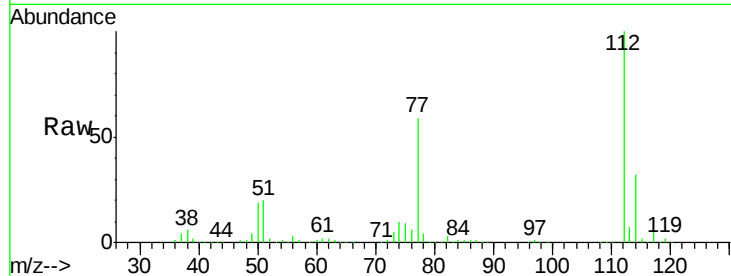




#51
 Chlorobenzene
 Concen: 48.784 ug/L
 RT: 9.47 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.2	41.2
77	58.6	47.9	71.9



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

