

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036478.D
 Acq On : 15 Jan 2020 18:40
 Operator : JC/MD
 Sample : L1139-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D48

Quant Time: Jan 16 06:45:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 05:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	429734	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	407919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	157735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134439	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.50%
7) Chloroethane-d5	1.93	69	118028	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.88%
11) 1,1-Dichloroethene-d2	2.59	63	198767	37.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.30%
21) 2-Butanone-d5	4.68	46	251810	105.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	5.11	84	288119	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	5.75	65	196889	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.78%
32) Benzene-d6	5.77	84	557561	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
36) 1,2-Dichloropropane-d6	6.73	67	185756	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.08%
41) Toluene-d8	7.93	98	519069	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%
43) trans-1,3-Dichloropropene-	8.21	79	92916	49.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.42%
47) 2-Hexanone-d5	8.67	63	175244	98.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	267937	51.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.68%
64) 1,2-Dichlorobenzene-d4	12.22	152	162393	52.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.54%

Target Compounds

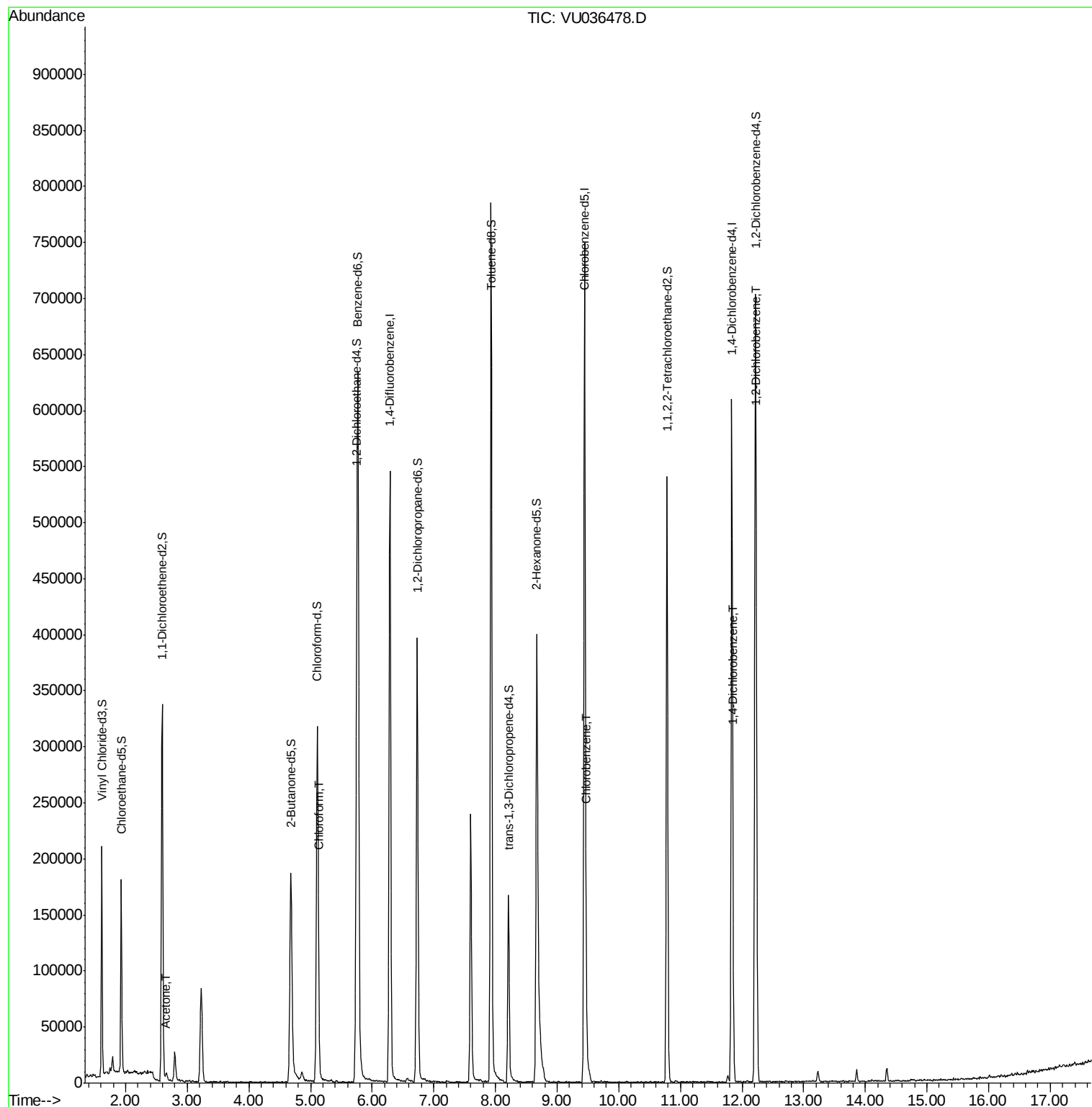
					Ovalue
13) Acetone	2.66	43	8469	3.267 ug/L	92
25) Chloroform	5.14	83	12989	2.317 ug/L	99
51) Chlorobenzene	9.47	112	24921	3.113 ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	8290	1.661 ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	83657	17.076 ug/L	99

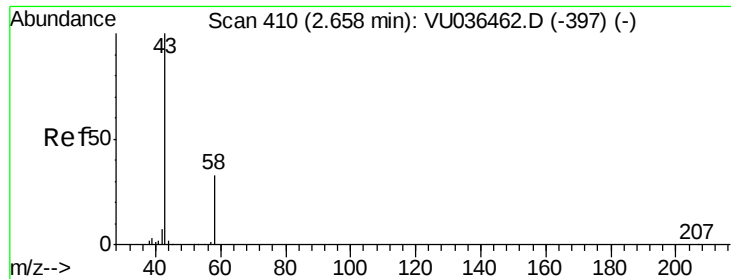
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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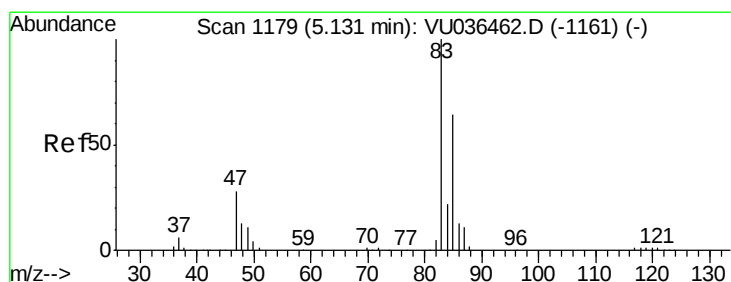
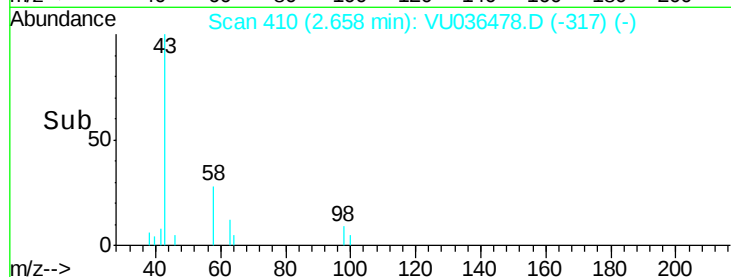
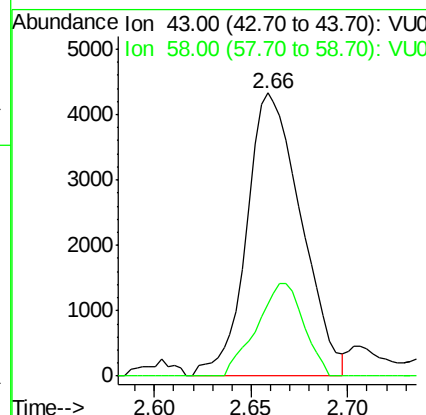
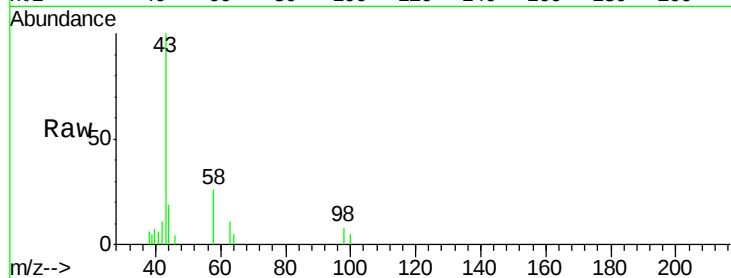




#13
Acetone
Concen: 3.267 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU036478.D
Acq: 15 Jan 2020 18:40

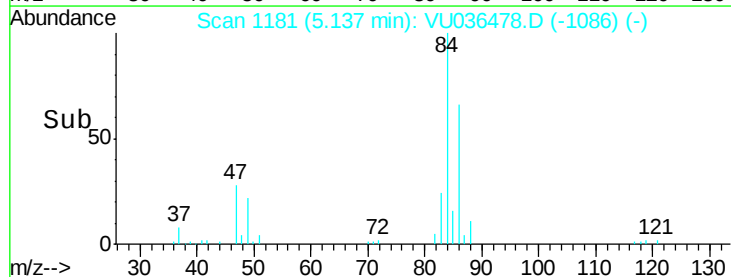
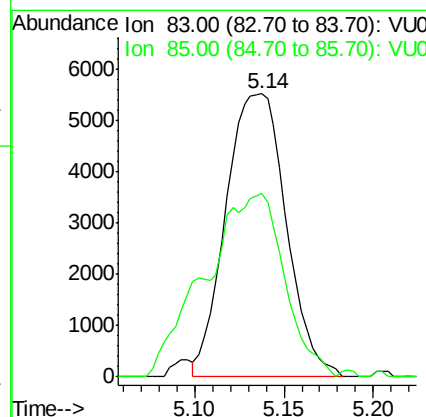
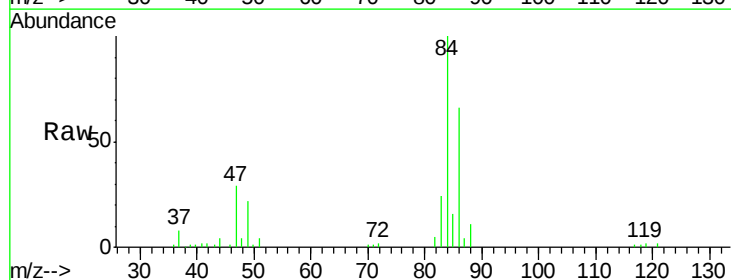
Instrument :
MSVOA_U
ClientSampleId :
C0D48

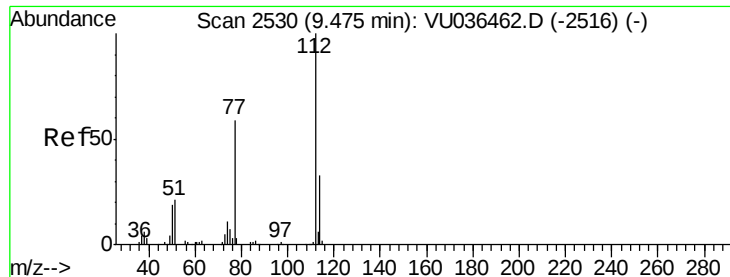
Tot Ion: 43 Resp: 8469
Ion Ratio Lower Upper
43 100
58 28.2 0.0 65.0



#25
Chloroform
Concen: 2.317 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VU036478.D
Acq: 15 Jan 2020 18:40

Tgt Ion: 83 Resp: 12989
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.9





#51

Chlorobenzene

Concen: 3.113 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036478.D

Acq: 15 Jan 2020 18:40

Instrument :

MSVOA_U

ClientSampleId :

C0D48

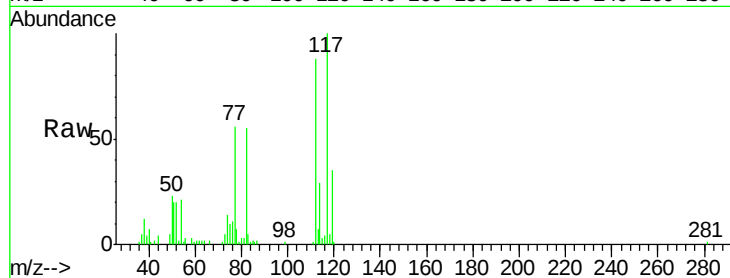
Tot Ion:112 Resp: 24921

Ion Ratio Lower Upper

112 100

114 32.8 22.0 41.0

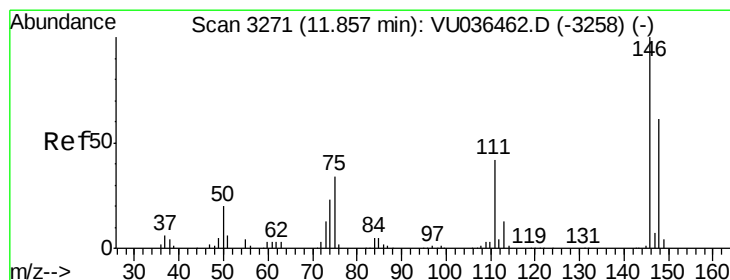
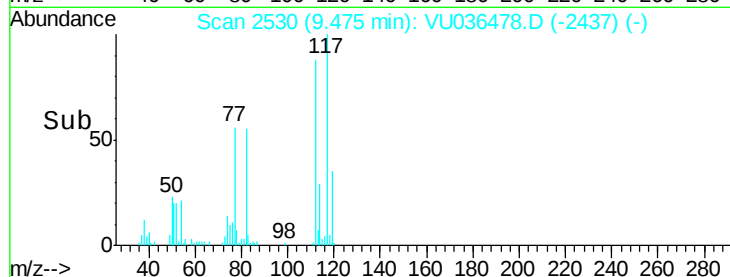
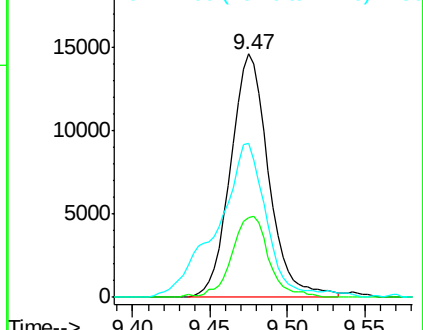
77 63.3 47.8 71.8



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): V



#63

1,4-Dichlorobenzene

Concen: 1.661 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036478.D

Acq: 15 Jan 2020 18:40

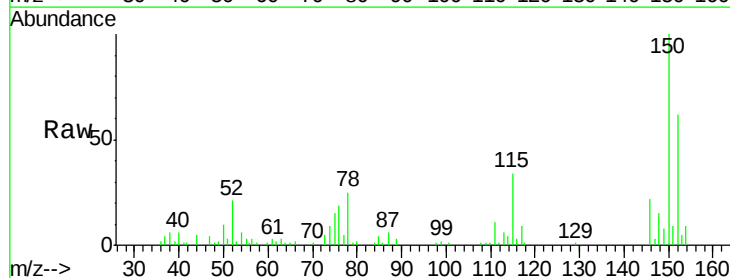
Tgt Ion:146 Resp: 8290

Ion Ratio Lower Upper

146 100

111 47.1 29.3 54.3

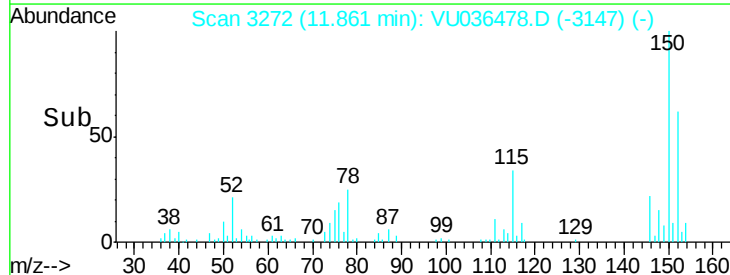
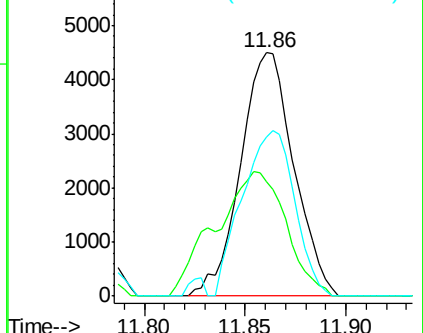
148 65.6 43.8 81.3

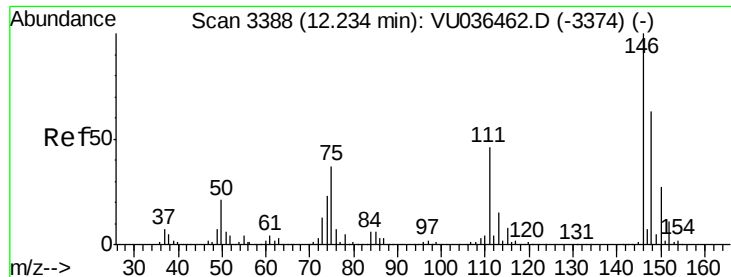


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

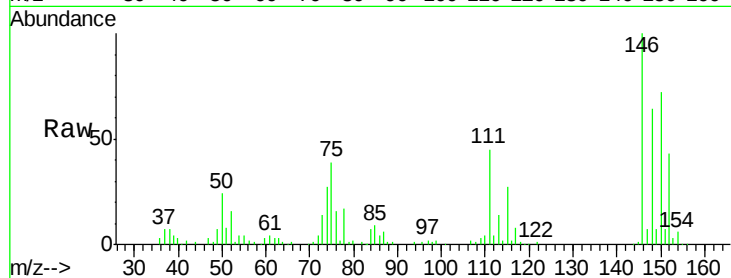




#65
 1,2-Dichlorobenzene
 Concen: 17.076 ug/L
 RT: 12.24 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VU036478.D
 Acq: 15 Jan 2020 18:40

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D48

Tot Ion:146 Resp: 83657
 Ion Ratio Lower Upper
 146 100
 111 45.4 37.0 55.4
 148 64.4 52.3 78.5



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

