

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031416.D
 Acq On : 23 Apr 2019 01:58
 Operator : JC/SP
 Sample : K2478-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG0

Quant Time: Apr 23 05:20:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 04:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	629189	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	569650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	242819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	268146	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.18%
7) Chloroethane-d5	1.68	69	214669	55.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.27	63	375497	42.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.68%
21) 2-Butanone-d5	4.19	46	411223	107.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.89%
24) Chloroform-d	4.64	84	420787	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
26) 1,2-Dichloroethane-d4	5.31	65	259634	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
32) Benzene-d6	5.34	84	911669	55.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.32	67	301536	56.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.88%
41) Toluene-d8	7.56	98	820160	55.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.60%
43) trans-1,3-Dichloropropene-	7.85	79	123435	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.30%
47) 2-Hexanone-d5	8.31	63	315655	118.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	377670	52.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	268045	54.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

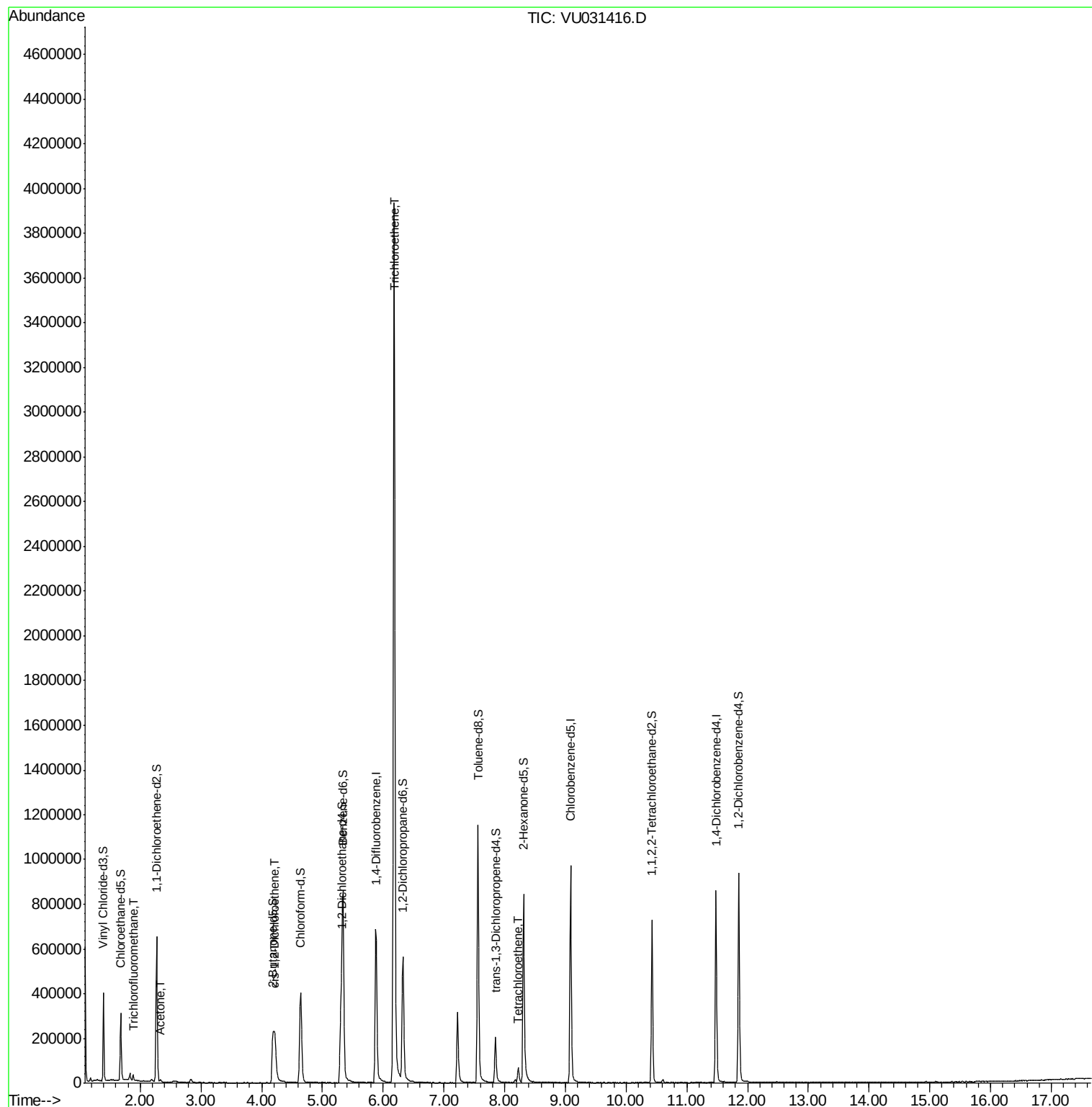
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	10200	1.519	ug/L	85
13) Acetone	2.35	43	7398	2.472	ug/L	75
20) cis-1,2-Dichloroethene	4.22	96	74838	16.684	ug/L	98
34) Trichloroethene	6.18	95	1474828	337.803	ug/L	99
46) Tetrachloroethene	8.23	164	17038	5.502	ug/L	92

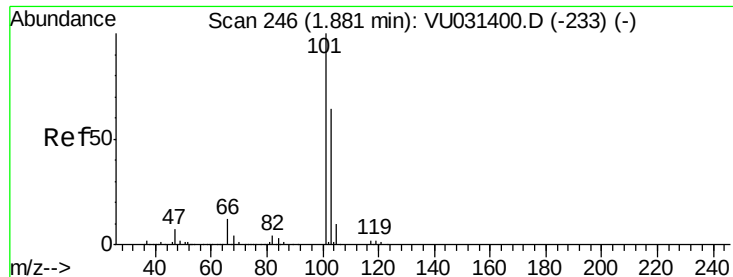
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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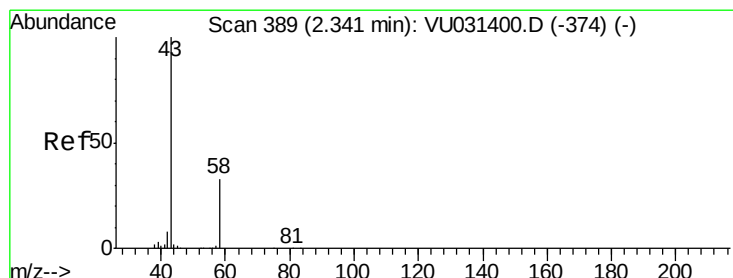
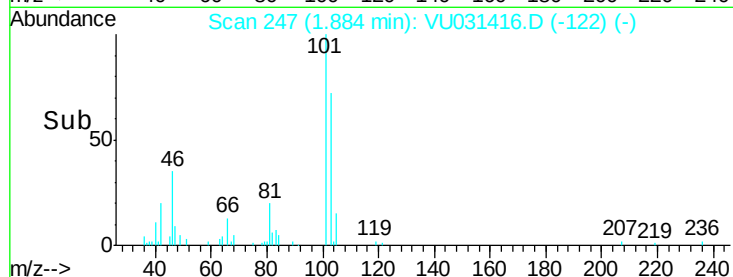
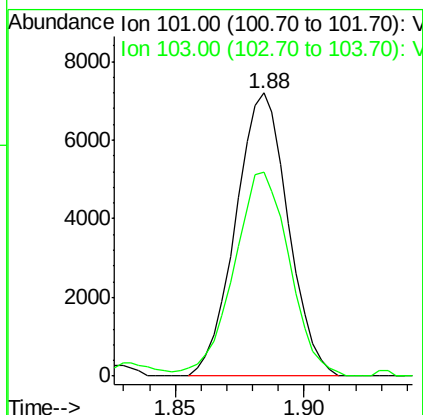
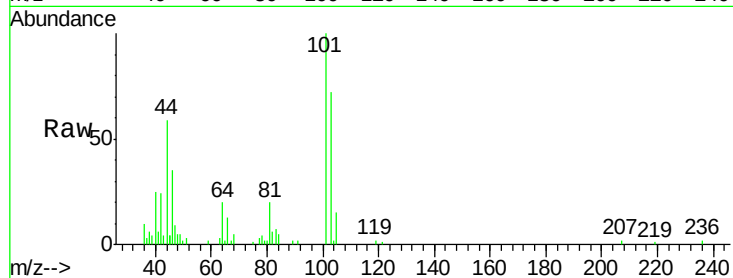


#9

Trichlorofluoromethane
 Concen: 1.519 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031416.D
 Acq: 23 Apr 2019 01:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG0

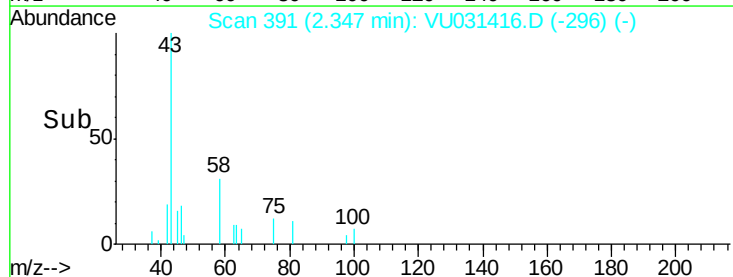
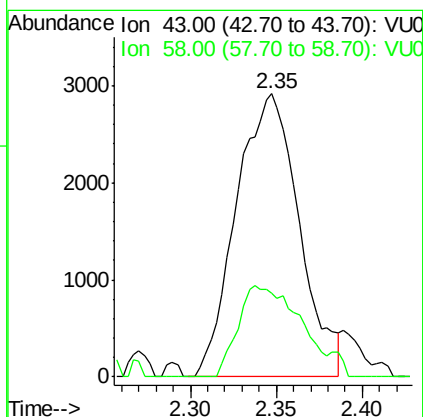
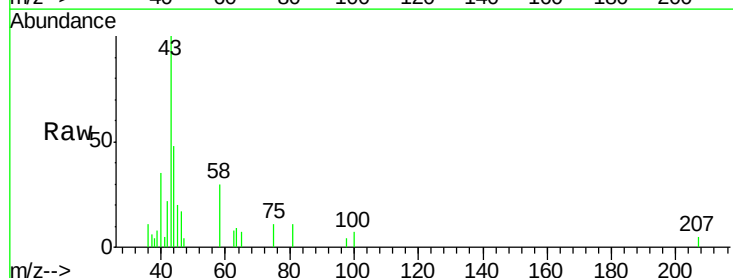
Tot Ion:101 Resp: 10200
 Ion Ratio Lower Upper
 101 100
 103 76.5 51.4 77.2

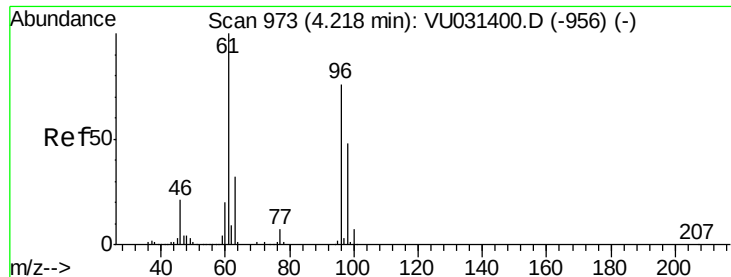


#13

Acetone
 Concen: 2.472 ug/L
 RT: 2.35 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VU031416.D
 Acq: 23 Apr 2019 01:58

Tgt Ion: 43 Resp: 7398
 Ion Ratio Lower Upper
 43 100
 58 19.2 0.0 66.4

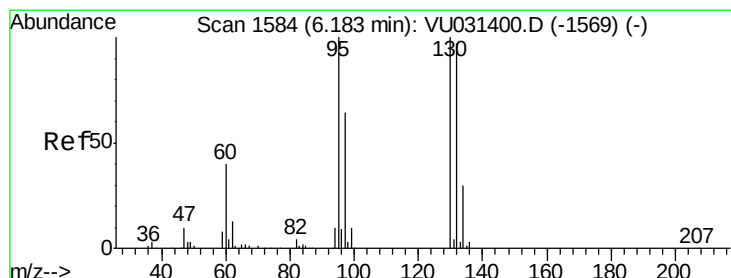
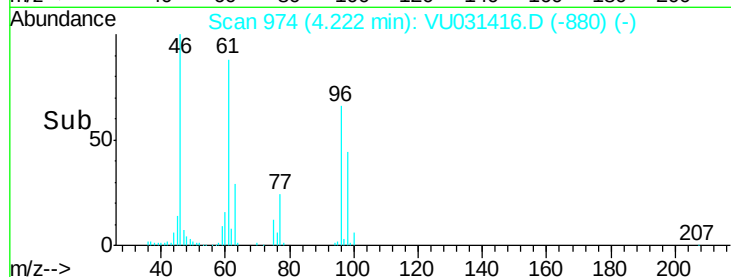
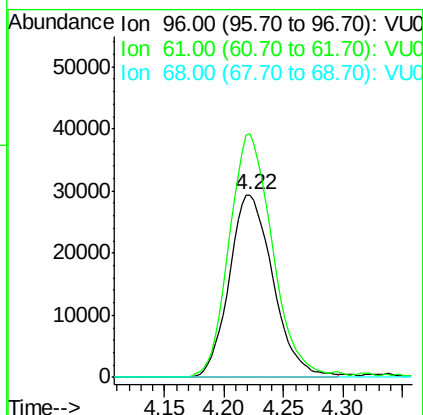
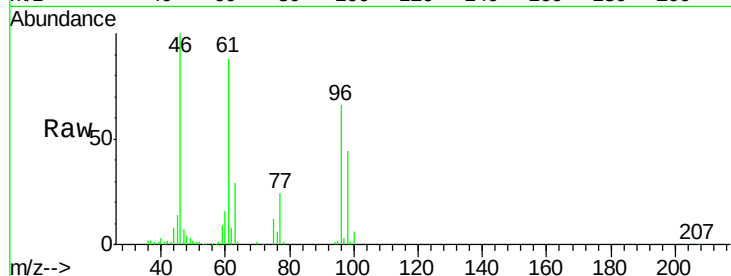




#20
 cis-1,2-Dichloroethene
 Concen: 16.684 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031416.D
 Acq: 23 Apr 2019 01:58

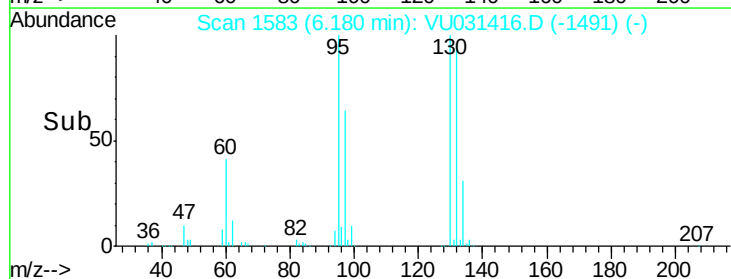
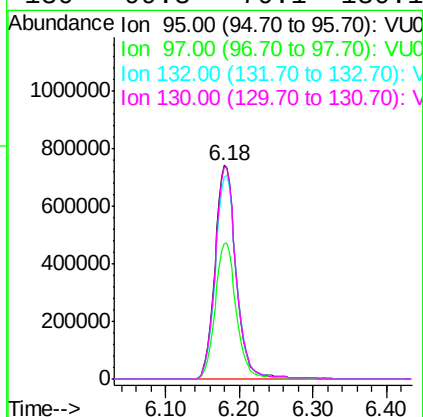
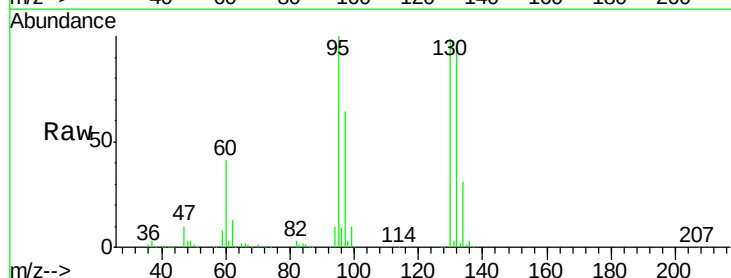
Instrument :
 MSVOA_U
 ClientSampled :
 C0XG0

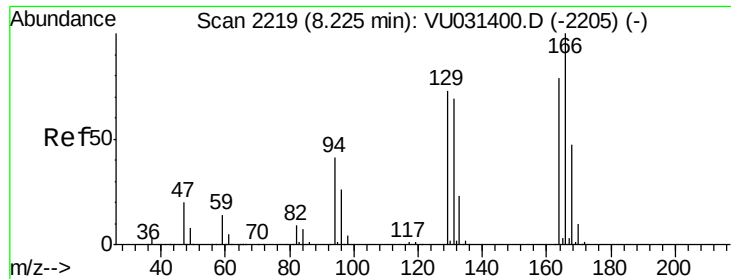
Tot Ion: 96 Resp: 74838
 Ion Ratio Lower Upper
 96 100
 61 133.2 91.9 170.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 337.803 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031416.D
 Acq: 23 Apr 2019 01:58

Tgt Ion: 95 Resp: 1474828
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.9 83.5
 132 94.9 68.0 126.2
 130 99.3 70.1 130.1





#46

Tetrachloroethene

Concen: 5.502 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031416.D

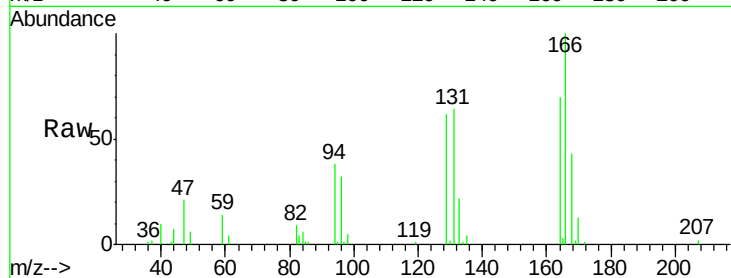
Acq: 23 Apr 2019 01:58

Instrument :

MSVOA_U

ClientSampleId :

C0XG0



Tot Ion:164 Resp: 17038

Ion Ratio Lower Upper

164 100

129 88.8 65.2 121.0

131 91.3 61.4 114.0

166 143.4 89.2 165.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

