

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029559.D
 Acq On : 19 Feb 2019 16:51
 Operator : JC/SP
 Sample : K1488-15DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF1DL

Quant Time: Feb 20 01:57:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 20 00:07:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	208630	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59372	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.68	69	55063	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	96033	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.19	46	165568	56.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.62%
24) Chloroform-d	4.65	84	95479	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.31	65	60671	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.34	84	230661	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	70986	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.56	98	222298	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.85	79	28482	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.31	63	161168	53.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65008	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	99948	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

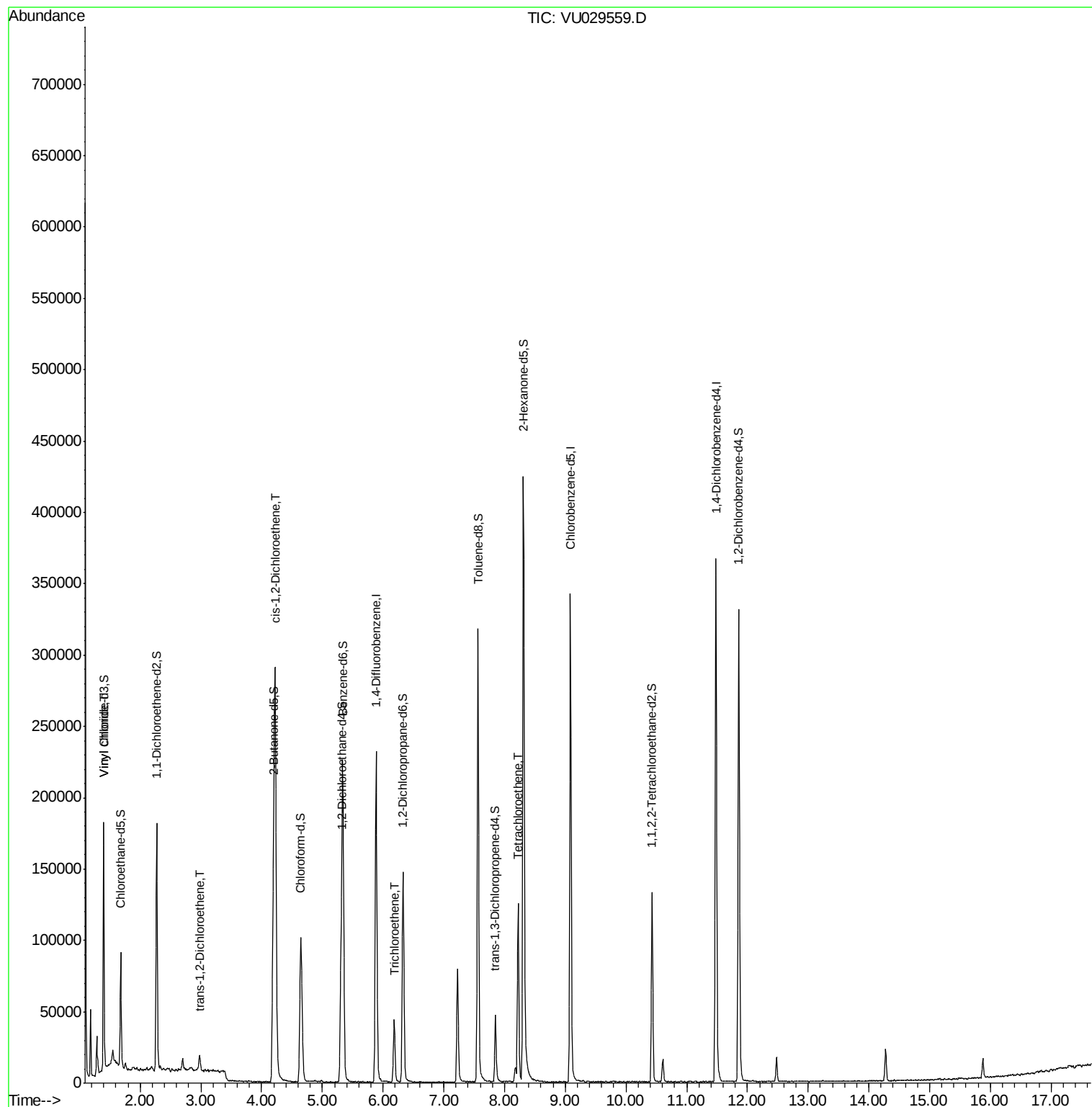
					Ovalue
5) Vinyl chloride	1.40	62	54301	2.703	ug/L 94
18) trans-1,2-Dichloroethene	2.98	96	4468	0.244	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	153675	9.125	ug/L 98
34) Trichloroethene	6.18	95	15622	0.920	ug/L 95
47) Tetrachloroethene	8.22	164	31250	2.008	ug/L 98

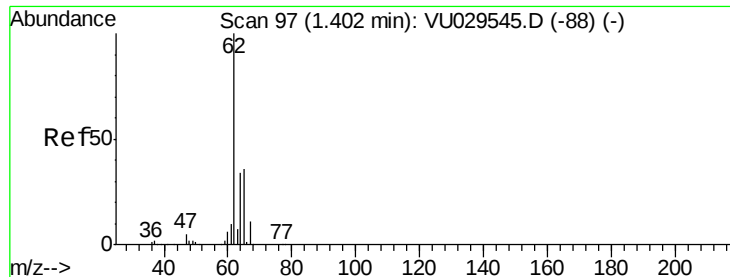
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021919\
Data File : VU029559.D
Acq On : 19 Feb 2019 16:51
Operator : JC/SP
Sample : K1488-15DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXF1DL

Quant Time: Feb 20 01:57:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.703 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU029559.D

Acq: 19 Feb 2019 16:51

Instrument :

MSVOA_U

ClientSampleId :

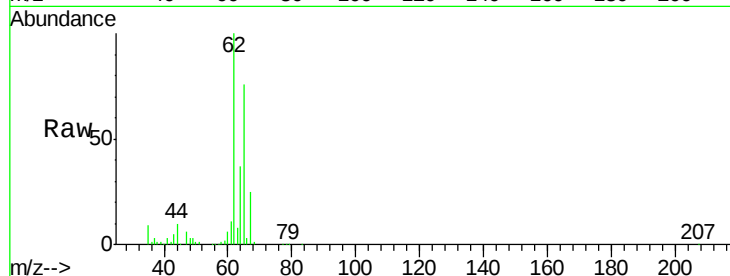
ESXF1DL

Tot Ion: 62 Resp: 54301

Ion Ratio Lower Upper

62 100

64 36.8 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

60000

50000

40000

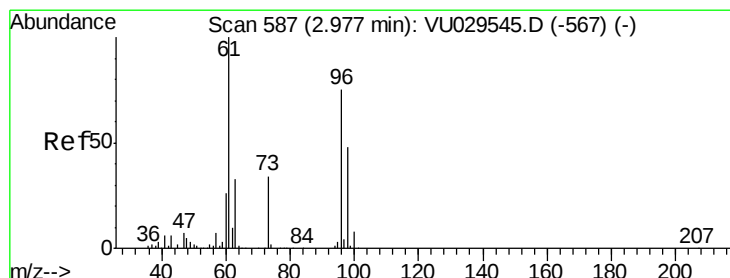
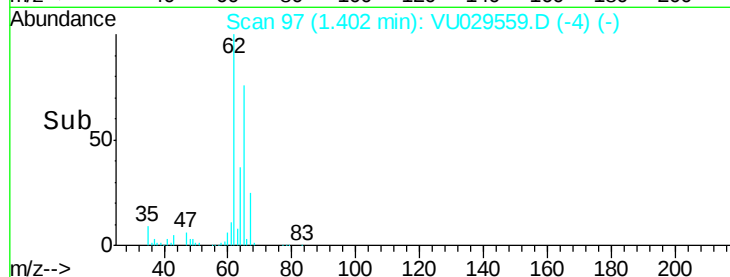
30000

20000

10000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.244 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU029559.D

Acq: 19 Feb 2019 16:51

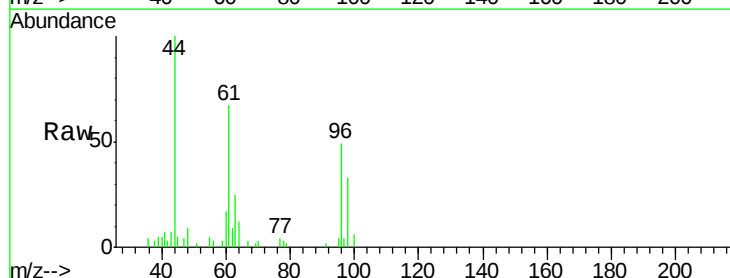
Tgt Ion: 96 Resp: 4468

Ion Ratio Lower Upper

96 100

61 136.1 95.4 177.2

98 67.8 45.8 85.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

4000

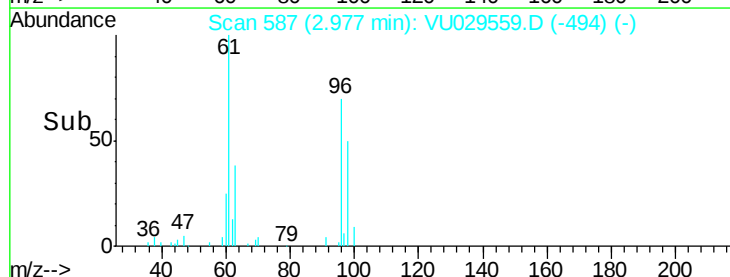
3000

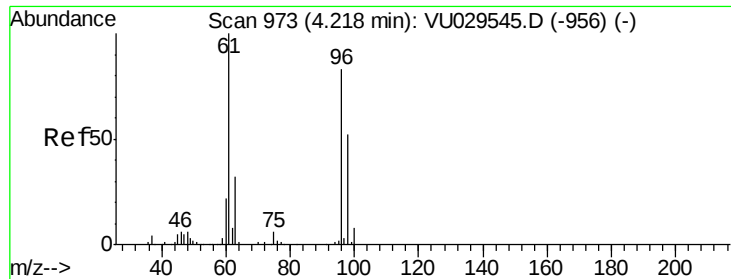
2000

1000

0

Time-->



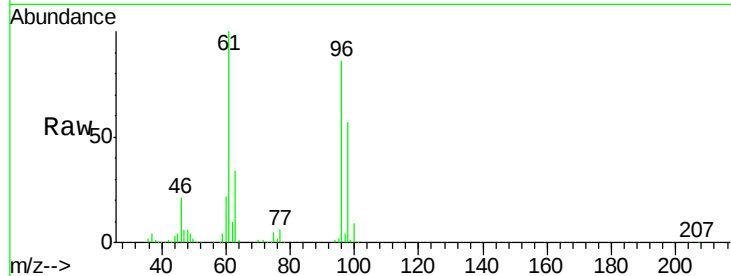


#22

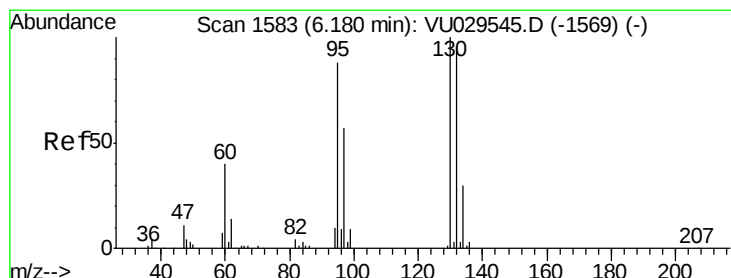
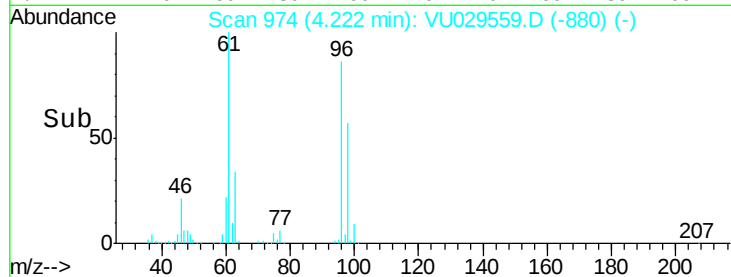
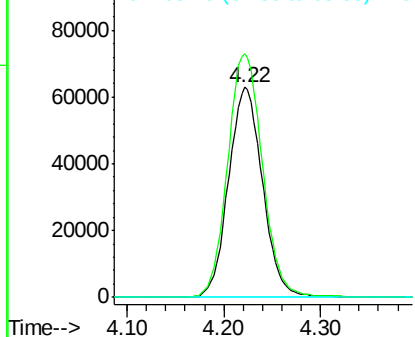
cis-1,2-Dichloroethene
Concen: 9.125 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029559.D
Acq: 19 Feb 2019 16:51

Instrument :
MSVOA_U
ClientSampleId :
ESXF1DL

Tot Ion: 96 Resp: 153675
Ion Ratio Lower Upper
96 100
61 116.0 79.9 148.5
68 0.0 0.0 0.0



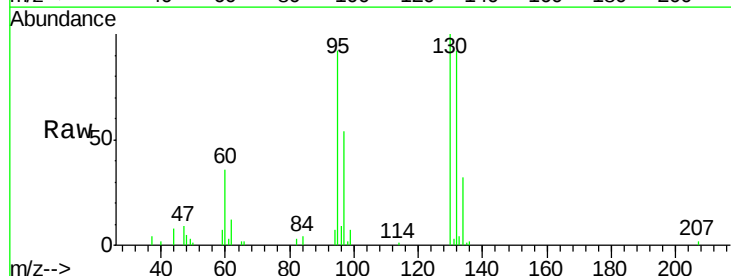
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



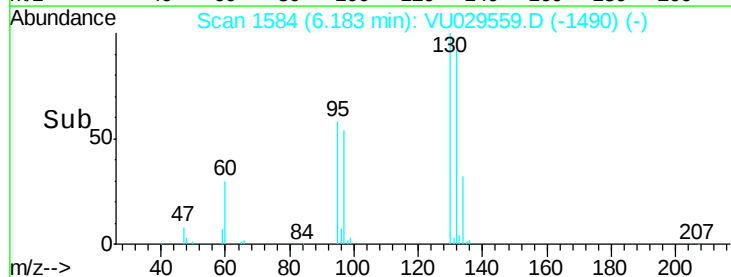
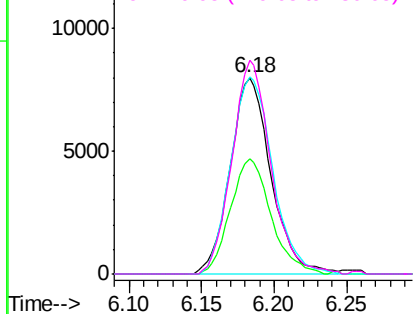
#34

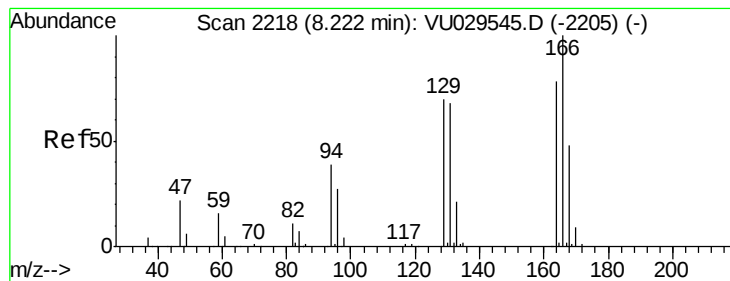
Trichloroethene
Concen: 0.920 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029559.D
Acq: 19 Feb 2019 16:51

Tgt Ion: 95 Resp: 15622
Ion Ratio Lower Upper
95 100
97 59.1 46.3 86.1
132 100.8 72.9 135.3
130 109.1 79.2 147.0



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 2.008 ug/L

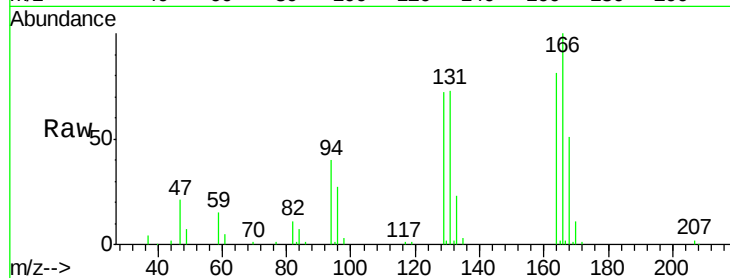
RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029559.D

Acq: 19 Feb 2019 16:51

Instrument :
MSVOA_U
ClientSampleId :
ESXF1DL



Tot Ion:164 Resp: 31250

Ion Ratio Lower Upper

164 100

129 88.6 62.9 116.9

131 89.6 62.1 115.3

166 123.5 89.8 166.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

