

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062919\
 Data File : VU033087.D
 Acq On : 28 Jun 2019 21:56
 Operator : JC/SP
 Sample : K3597-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM68

Quant Time: Jun 29 01:41:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 29 00:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87494	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88438	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37353	6.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.20%
7) Chloroethane-d5	1.68	69	28903	6.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.40%
11) 1,1-Dichloroethene-d2	2.27	63	55911	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.19	46	92751	52.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	4.64	84	64318	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.31	65	36333	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.33	84	122184	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.32	67	39589	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.56	98	106362	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.85	79	15144	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.31	63	59644	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31436	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	45749	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

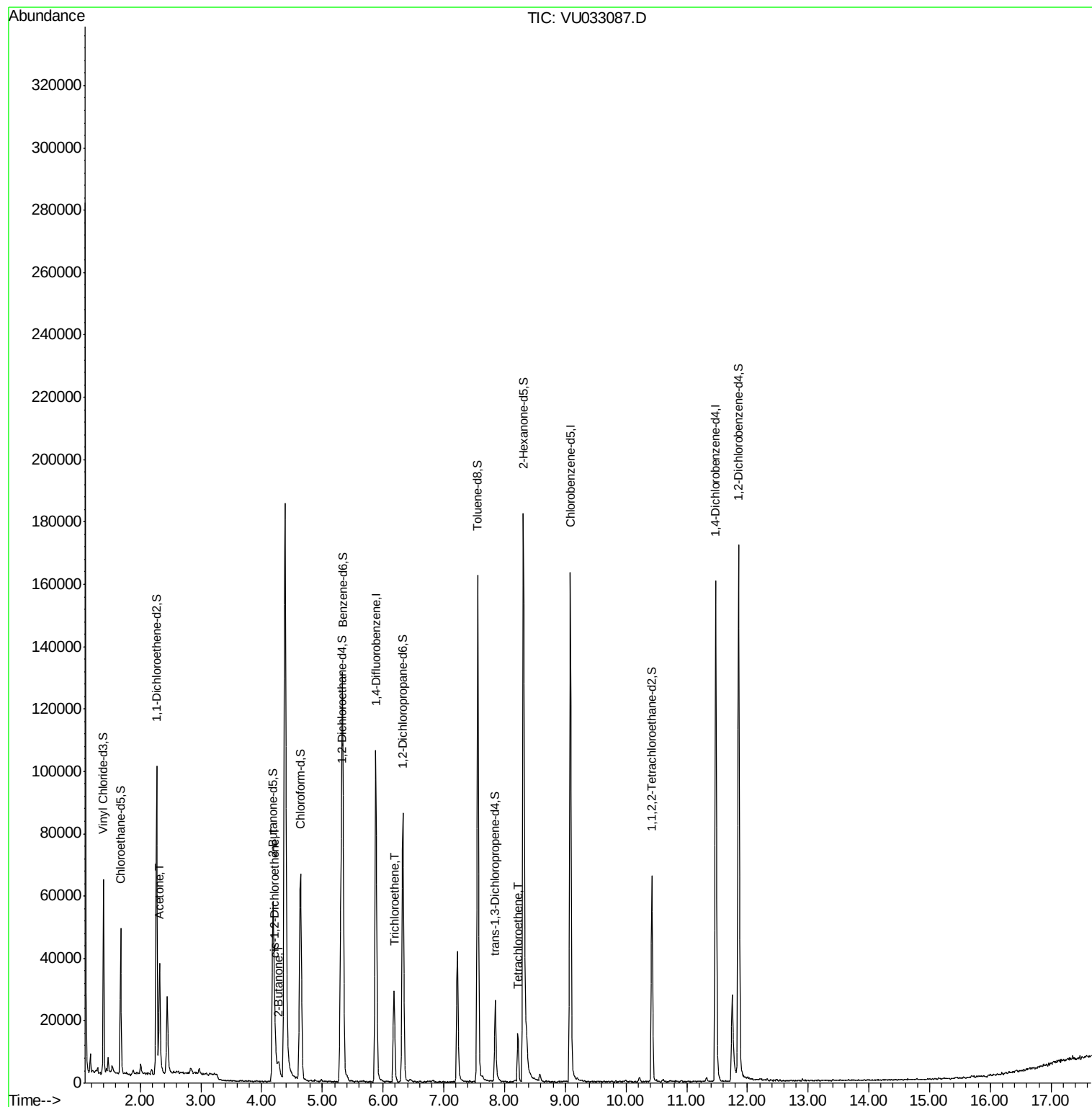
					Ovalue
13) Acetone	2.32	43	37596	25.233	ug/L 99
21) 2-Butanone	4.28	43	8741	4.168	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	2704	0.390	ug/L 97
34) Trichloroethene	6.18	95	10064	1.409	ug/L 96
47) Tetrachloroethene	8.22	164	3507	0.611	ug/L 91

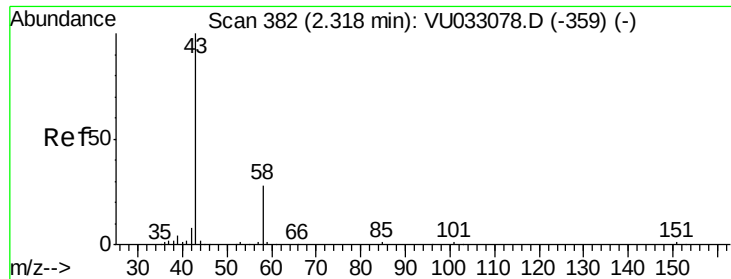
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.233 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033087.D

Acq: 28 Jun 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

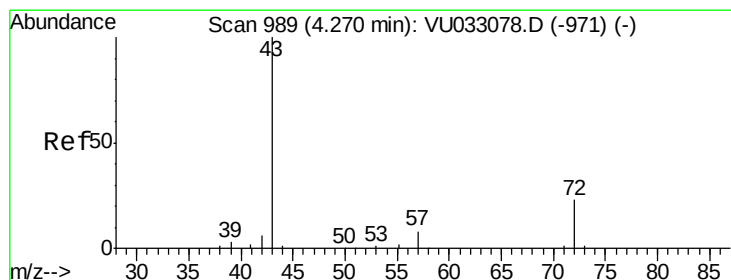
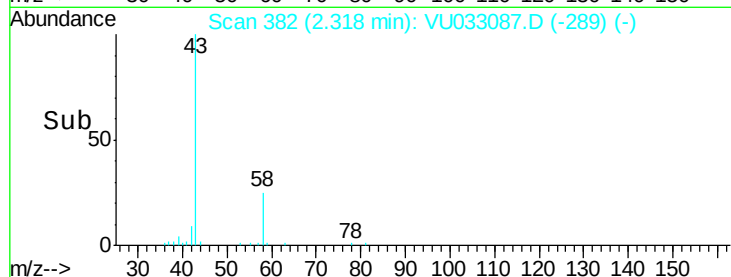
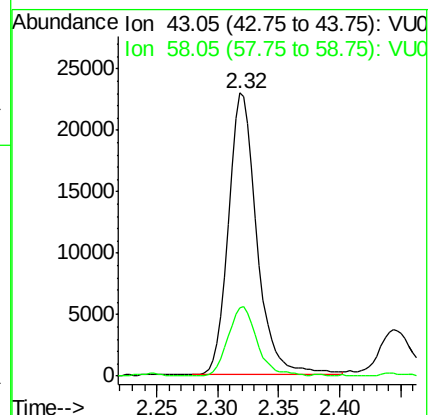
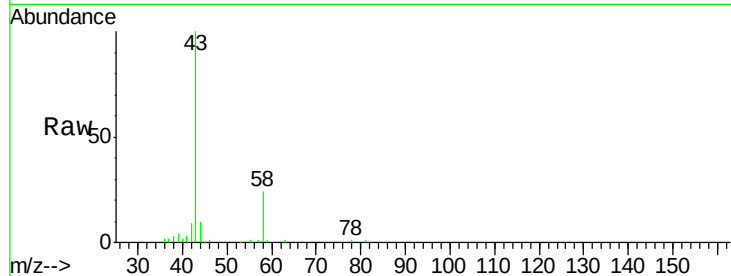
GAM68

Tot Ion: 43 Resp: 37596

Ion Ratio Lower Upper

43 100

58 25.5 0.0 51.8



#21

2-Butanone

Concen: 4.168 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033087.D

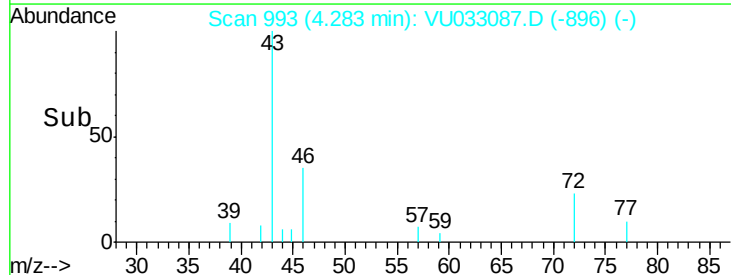
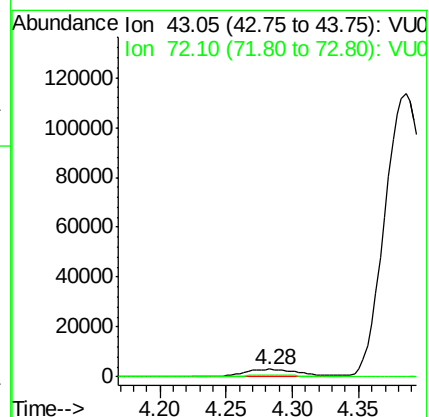
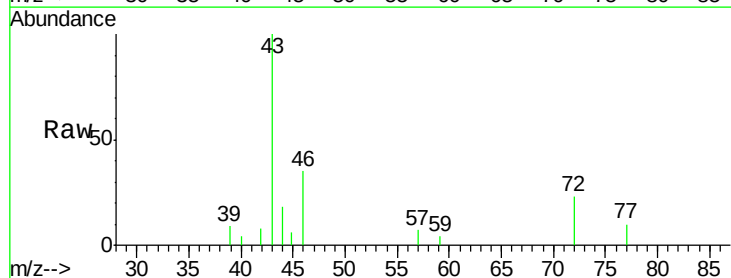
Acq: 28 Jun 2019 21:56

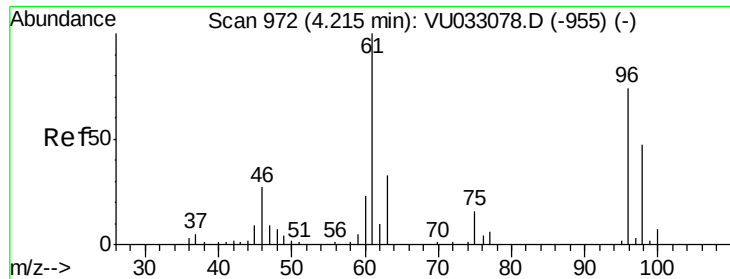
Tgt Ion: 43 Resp: 8741

Ion Ratio Lower Upper

43 100

72 23.3 11.5 34.5



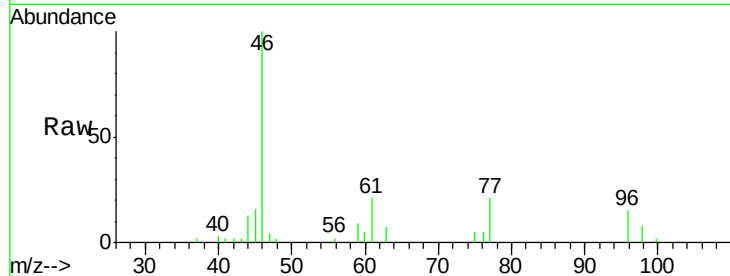


#22

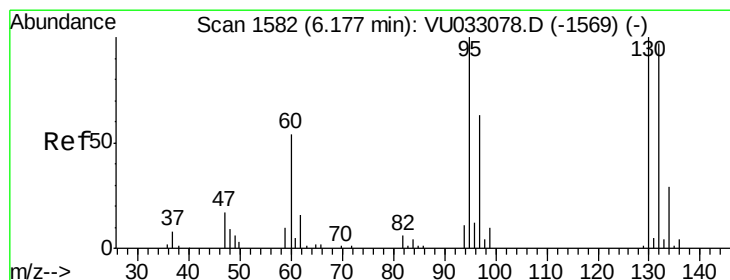
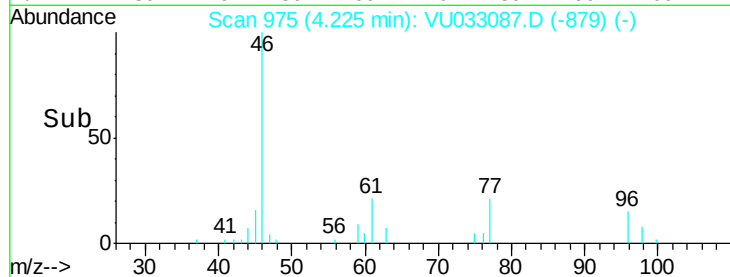
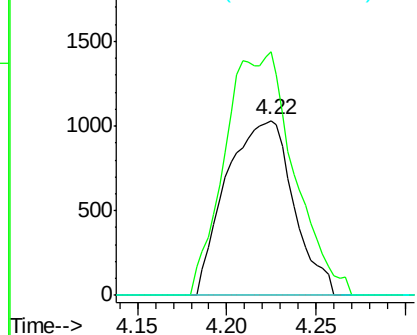
cis-1,2-Dichloroethene
Concen: 0.390 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU033087.D
Acq: 28 Jun 2019 21:56

Instrument :
MSVOA_U
ClientSampleId :
GAM68

Tot Ion: 96 Resp: 2704
Ion Ratio Lower Upper
96 100
61 139.1 94.6 175.8
68 0.0 0.0 0.0



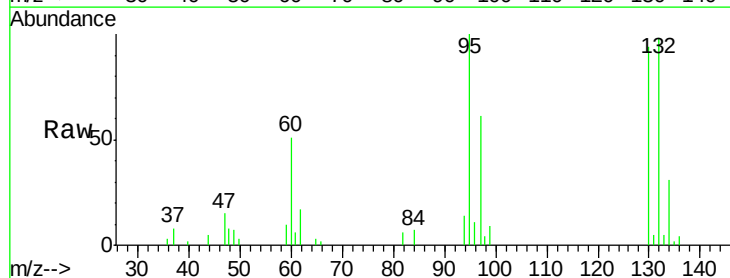
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



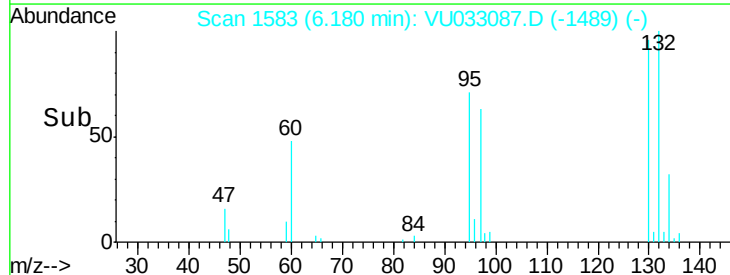
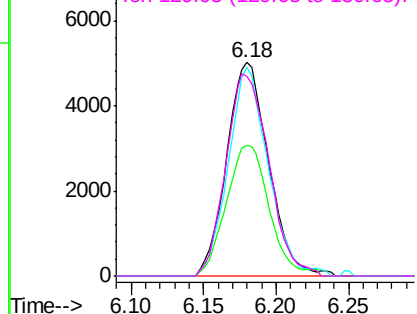
#34

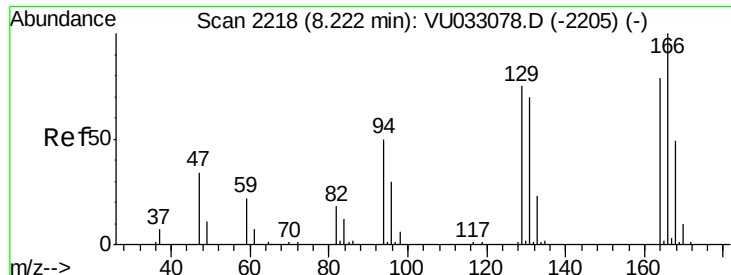
Trichloroethene
Concen: 1.409 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU033087.D
Acq: 28 Jun 2019 21:56

Tgt Ion: 95 Resp: 10064
Ion Ratio Lower Upper
95 100
97 61.3 46.0 85.4
132 97.9 68.6 127.4
130 93.7 71.1 132.1



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: 0.611 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033087.D

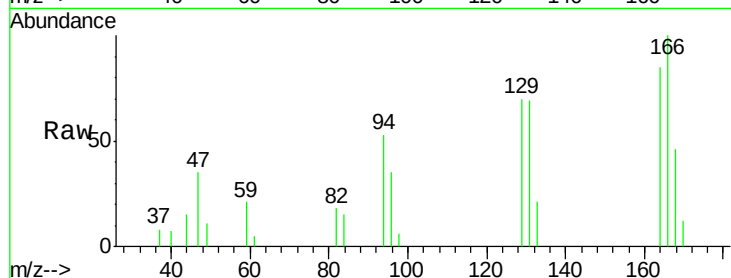
Acq: 28 Jun 2019 21:56

Instrument :

MSVOA_U

ClientSampleId :

GAM68



Tot Ion:164 Resp: 3507

Ion Ratio Lower Upper

164 100

129 82.9 64.9 120.5

131 81.8 63.5 117.9

166 118.2 89.1 165.5

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

