

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016477.D
 Acq On : 04 Jun 2020 00:05
 Operator : SY/MD
 Sample : L2869-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFG7

Quant Time: Jun 04 06:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378881	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352226	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104584	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.94%
7) Chloroethane-d5	1.57	69	79712	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.30%
11) 1,1-Dichloroethene-d2	2.12	63	150501	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	3.89	46	173328	101.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.01%
24) Chloroform-d	4.37	84	226684	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.05	65	157651	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
32) Benzene-d6	5.07	84	459900	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	6.09	67	147385	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.34	98	407745	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	7.64	79	63160	44.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.16%
47) 2-Hexanone-d5	8.11	63	132596	105.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189280	47.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	164749	52.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.26%

Target Compounds

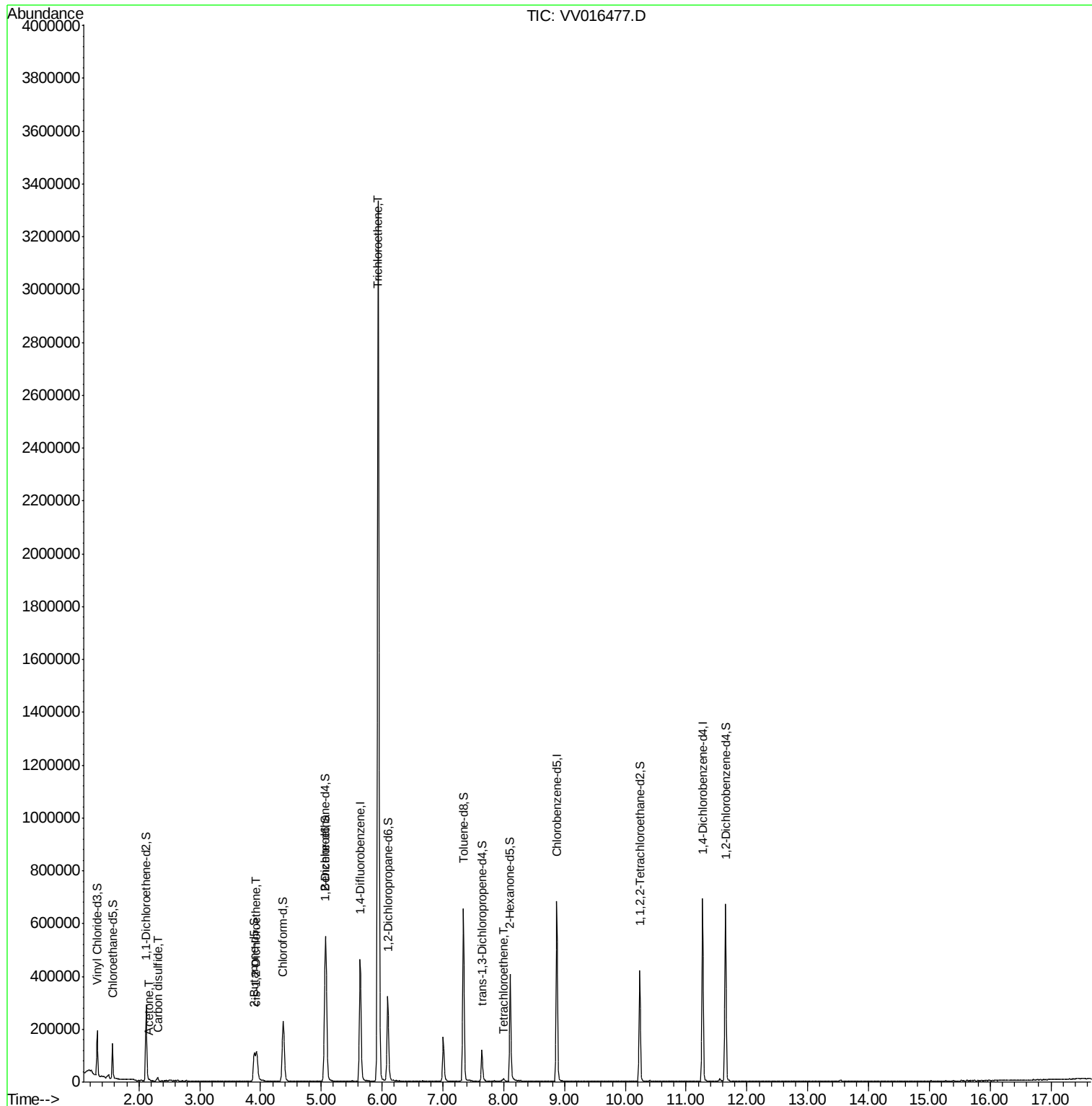
					Ovalue
13) Acetone	2.17	43	3487	2.174 ug/L	76
14) Carbon disulfide	2.31	76	16181	2.222 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	52037	18.168 ug/L	99
34) Trichloroethene	5.94	95	1123168	413.215 ug/L	96
46) Tetrachloroethene	8.00	164	2117	1.010 ug/L	86

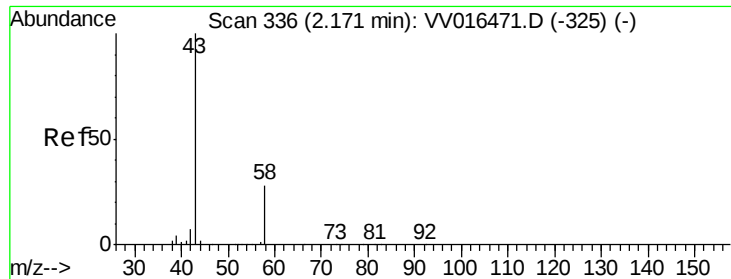
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.174 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016477.D

Acq: 04 Jun 2020 00:05

Instrument :

MSVOA_V

ClientSampled :

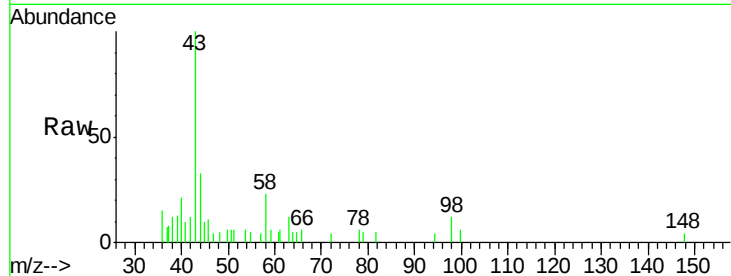
DBFG7

Tot Ion: 43 Resp: 3487

Ion Ratio Lower Upper

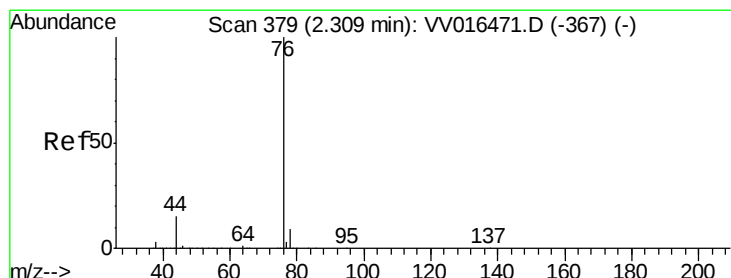
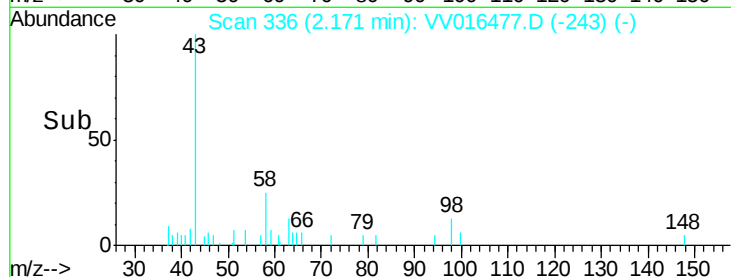
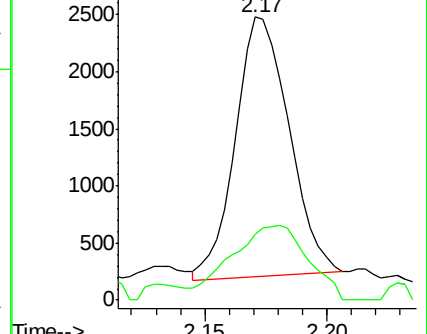
43 100

58 41.1 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 2.222 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV016477.D

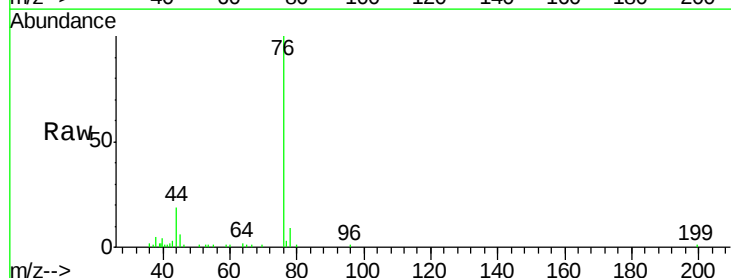
Acq: 04 Jun 2020 00:05

Tgt Ion: 76 Resp: 16181

Ion Ratio Lower Upper

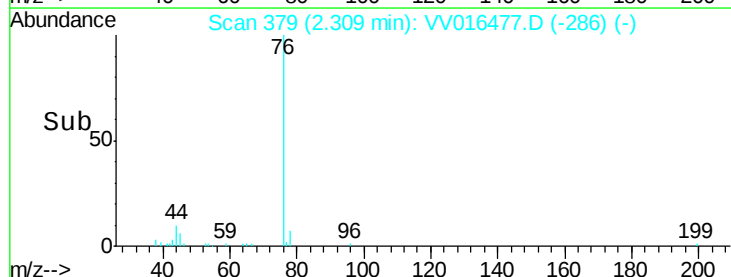
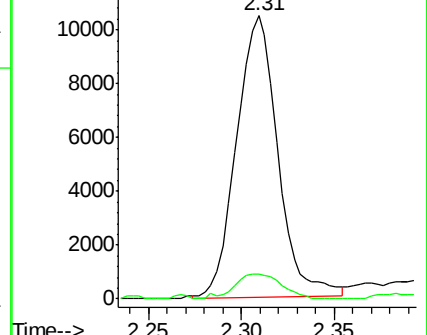
76 100

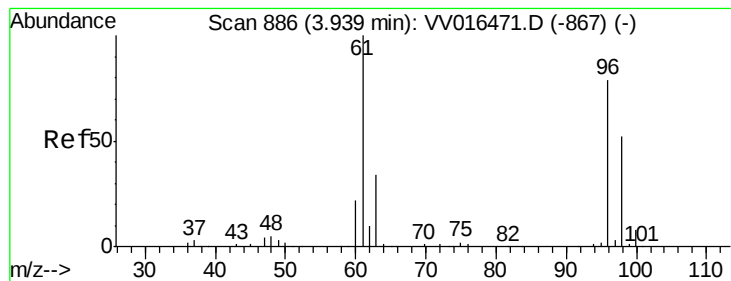
78 8.7 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



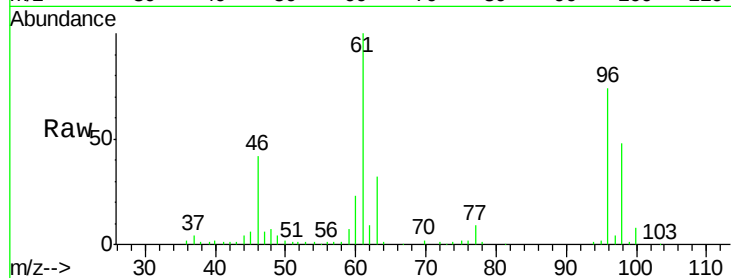


#20

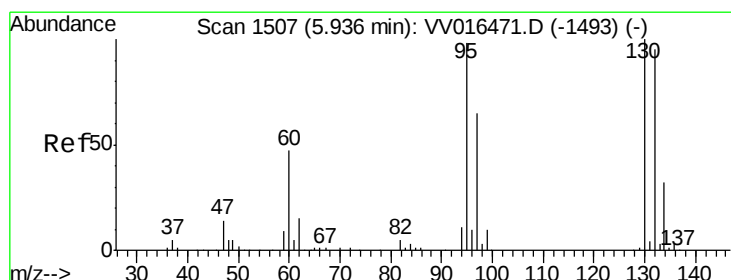
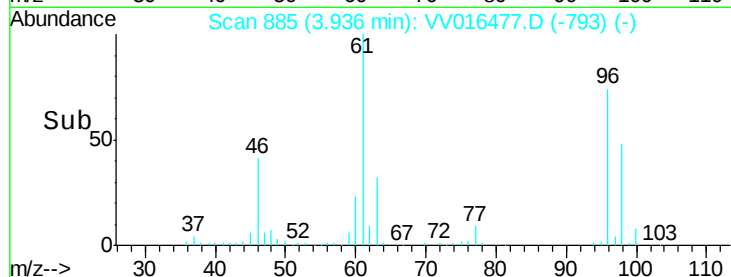
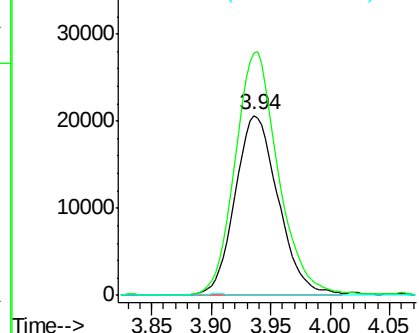
cis-1,2-Dichloroethene
Concen: 18.168 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016477.D
Acq: 04 Jun 2020 00:05

Instrument :
MSVOA_V
ClientSampleId :
DBFG7

Tot Ion: 96 Resp: 52037
Ion Ratio Lower Upper
96 100
61 134.6 93.4 173.4
68 0.0 0.0 0.0



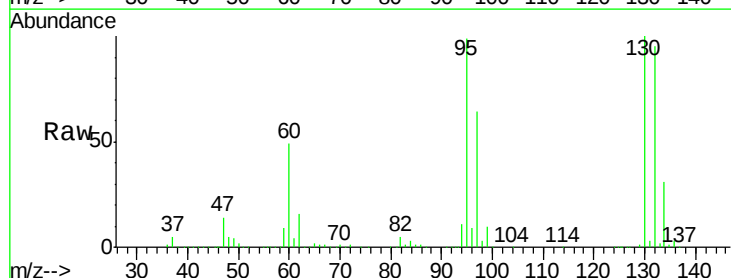
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



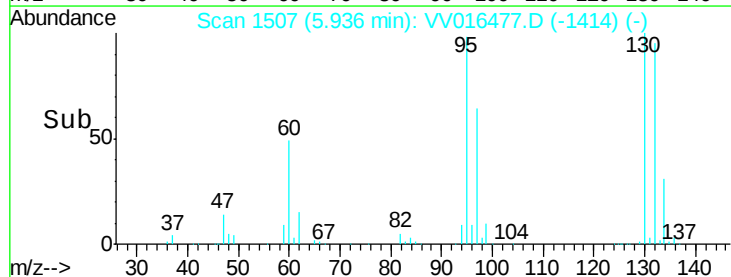
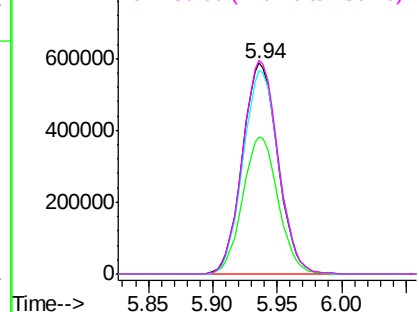
#34

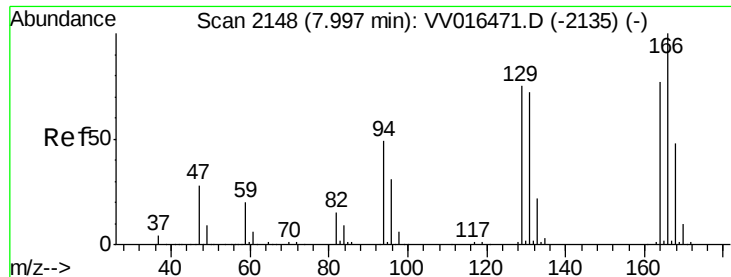
Trichloroethene
Concen: 413.215 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV016477.D
Acq: 04 Jun 2020 00:05

Tgt Ion: 95 Resp: 1123168
Ion Ratio Lower Upper
95 100
97 65.3 42.8 79.6
132 96.6 65.6 121.8
130 101.4 69.0 128.1



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 1.010 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016477.D

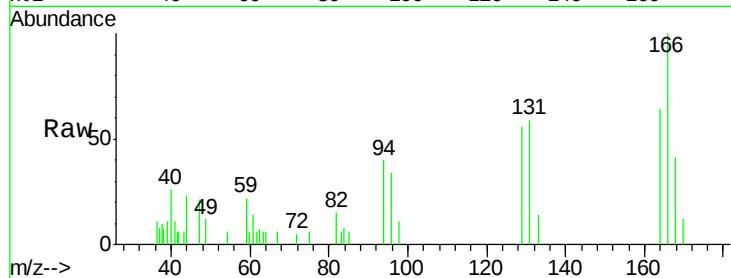
Acq: 04 Jun 2020 00:05

Instrument :

MSVOA_V

ClientSampleId :

DBFG7



Tot Ion:164 Resp: 2117

Ion Ratio Lower Upper

164 100

129 87.1 67.7 125.7

131 92.3 63.8 118.6

166 155.8 88.7 164.7

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

