

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016036.D
 Acq On : 13 May 2020 13:25
 Operator : SY/MD
 Sample : L2542-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4217

Quant Time: May 14 03:03:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140810	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139057	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62357	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47240	6.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.60%
7) Chloroethane-d5	1.58	69	44484	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.12	63	69440	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.92	46	112602	51.67	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	4.38	84	91657	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.06	65	50124	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.08	84	178882	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.10	67	55127	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.34	98	159898	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
45) trans-1,3-Dichloropropene-	7.65	79	17126	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.12	63	85071	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37459	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	56097	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

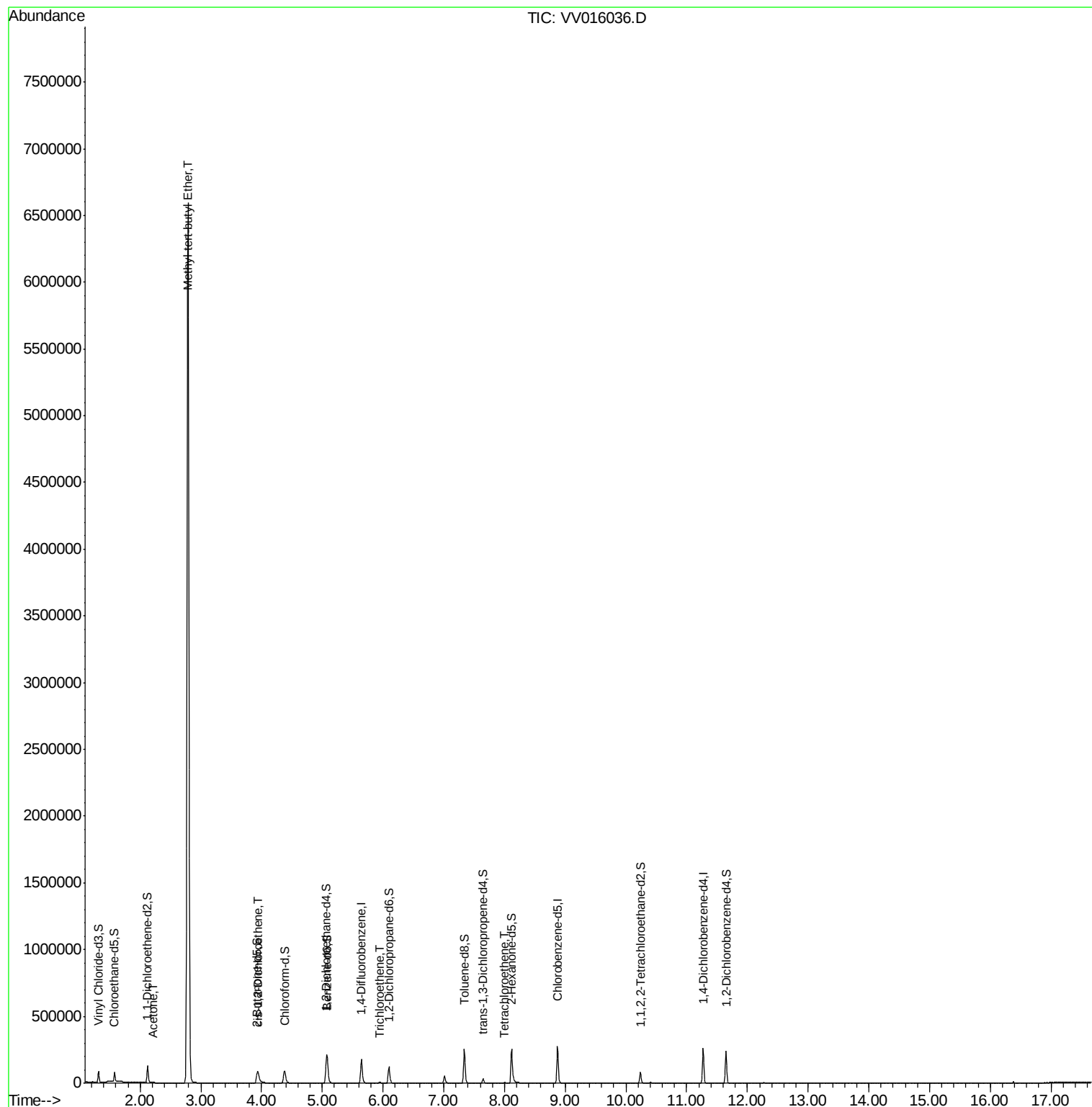
					Ovalue
13) Acetone	2.20	43	10502	7.306	ug/L # 62
17) Methyl tert-butyl Ether	2.79	73	6357706	315.744	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	20085	2.240	ug/L 97
34) Trichloroethene	5.94	95	1924	0.193	ug/L 91
49) Tetrachloroethene	8.00	164	1148	0.165	ug/L 84

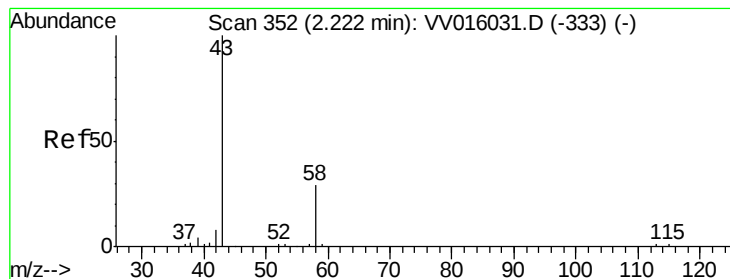
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.306 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV016036.D

Acq: 13 May 2020 13:25

Instrument :

MSVOA_V

ClientSampleId :

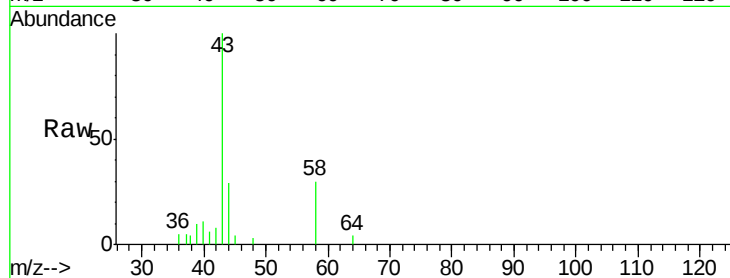
H4217

Tot Ion: 43 Resp: 10502

Ion Ratio Lower Upper

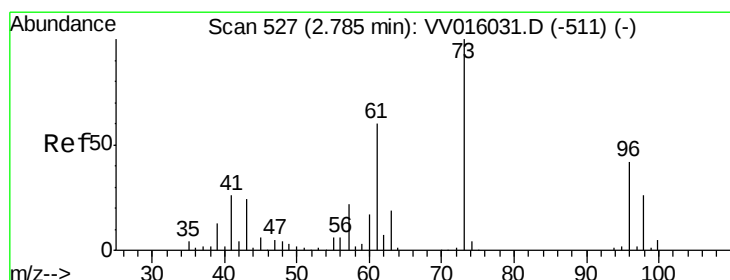
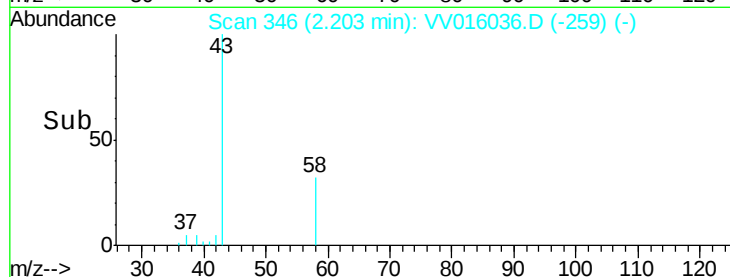
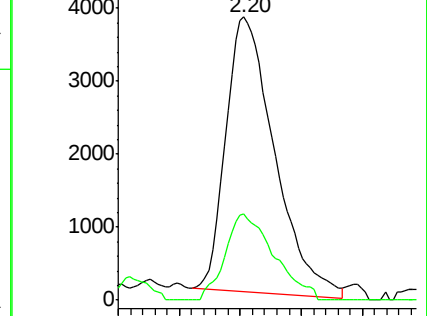
43 100

58 31.4 0.0 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#17

Methyl tert-butyl Ether

Concen: 315.744 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV016036.D

Acq: 13 May 2020 13:25

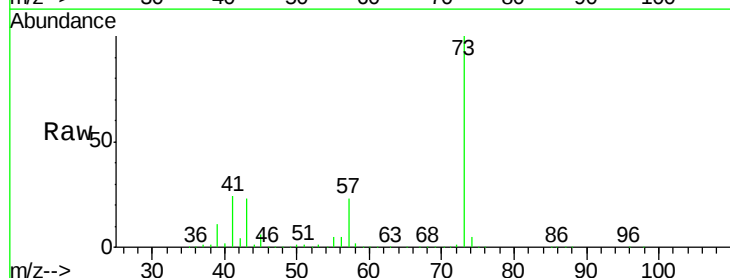
Tgt Ion: 73 Resp: 6357706

Ion Ratio Lower Upper

73 100

43 23.0 18.8 28.2

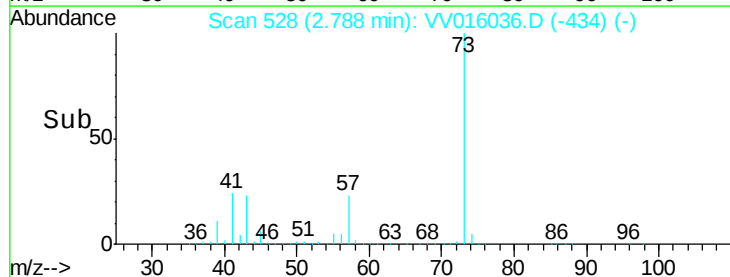
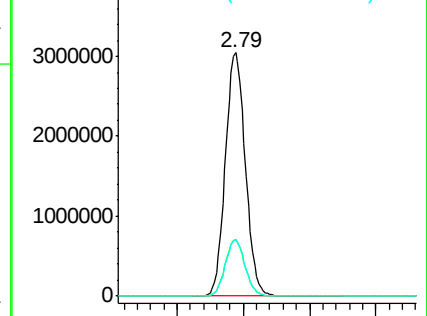
57 22.9 17.8 26.6

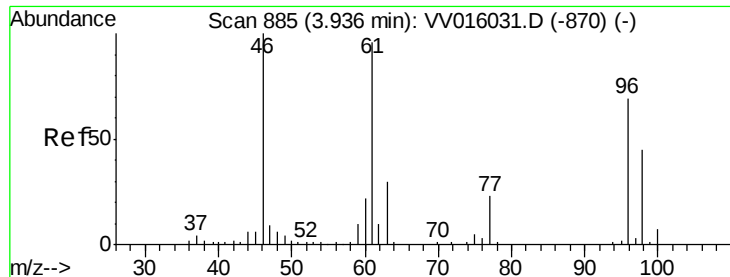


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



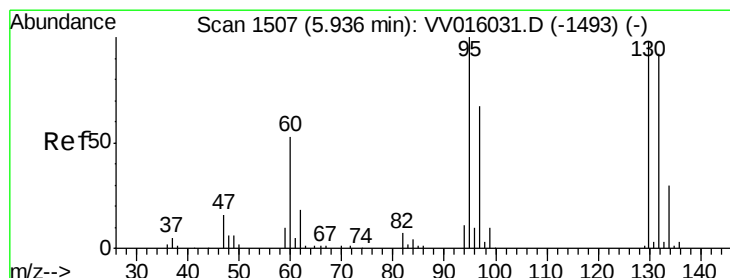
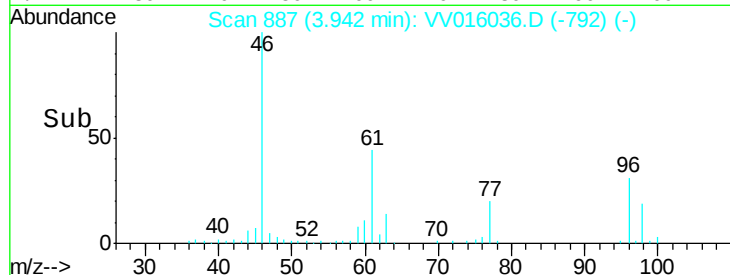
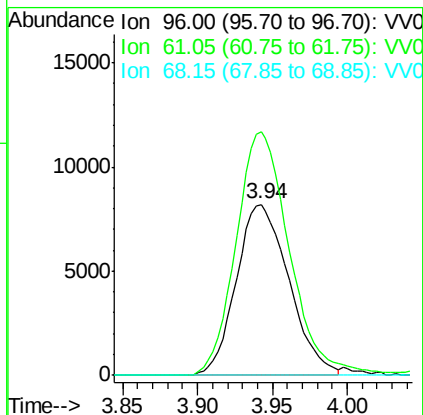
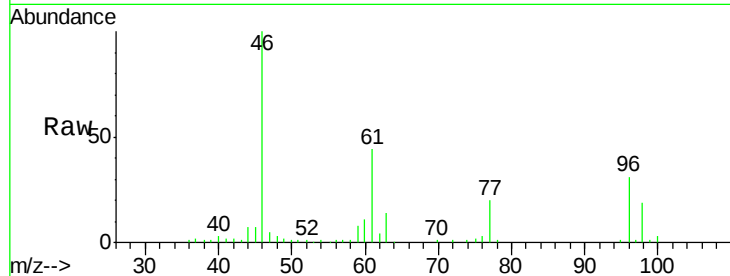


#22

cis-1,2-Dichloroethene
 Concen: 2.240 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV016036.D
 Acq: 13 May 2020 13:25

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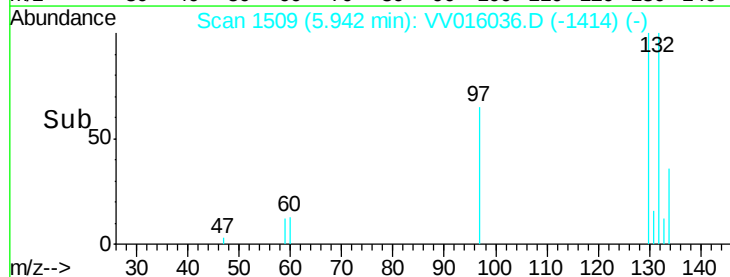
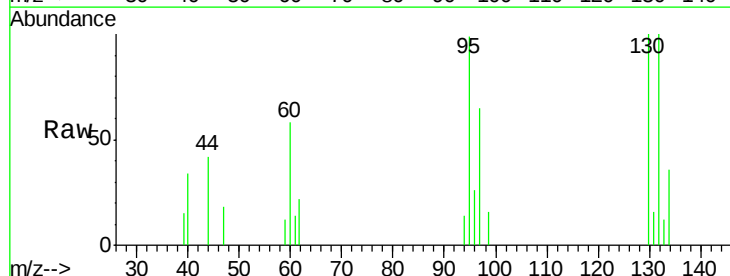
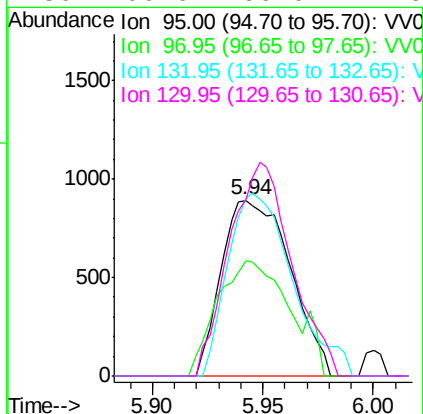
Tot Ion: 96 Resp: 20085
 Ion Ratio Lower Upper
 96 100
 61 142.5 97.2 180.6
 68 0.0 0.0 0.0

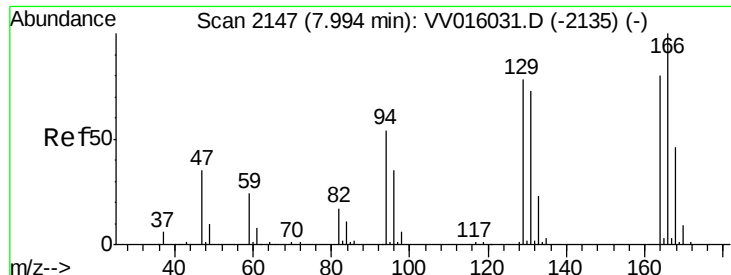


#34

Trichloroethene
 Concen: 0.193 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016036.D
 Acq: 13 May 2020 13:25

Tgt Ion: 95 Resp: 1924
 Ion Ratio Lower Upper
 95 100
 97 65.2 43.3 80.5
 132 101.0 60.3 112.1
 130 100.6 66.0 122.6





#49

Tetrachloroethene

Concen: 0.165 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV016036.D

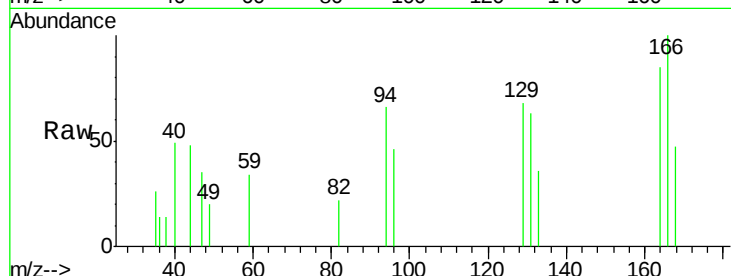
Acq: 13 May 2020 13:25

Instrument :

MSVOA_V

ClientSampleId :

H4217



Tot Ion:164 Resp: 1148

Ion Ratio Lower Upper

164 100

129 79.6 69.7 129.4

131 74.5 66.8 124.2

166 117.5 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

