

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011361.D
 Acq On : 10 Jun 2019 20:21
 Operator : SY/MD
 Sample : K3226-11
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCT6

Quant Time: Jun 11 03:40:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 01:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137661	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37565	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.56	69	34322	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.12	63	65020	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.95	46	122852	52.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.40	84	83524	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	47170	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.09	84	164185	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.12	67	52106	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	139345	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.66	79	14507	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.13	63	95611	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36122	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	48147	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

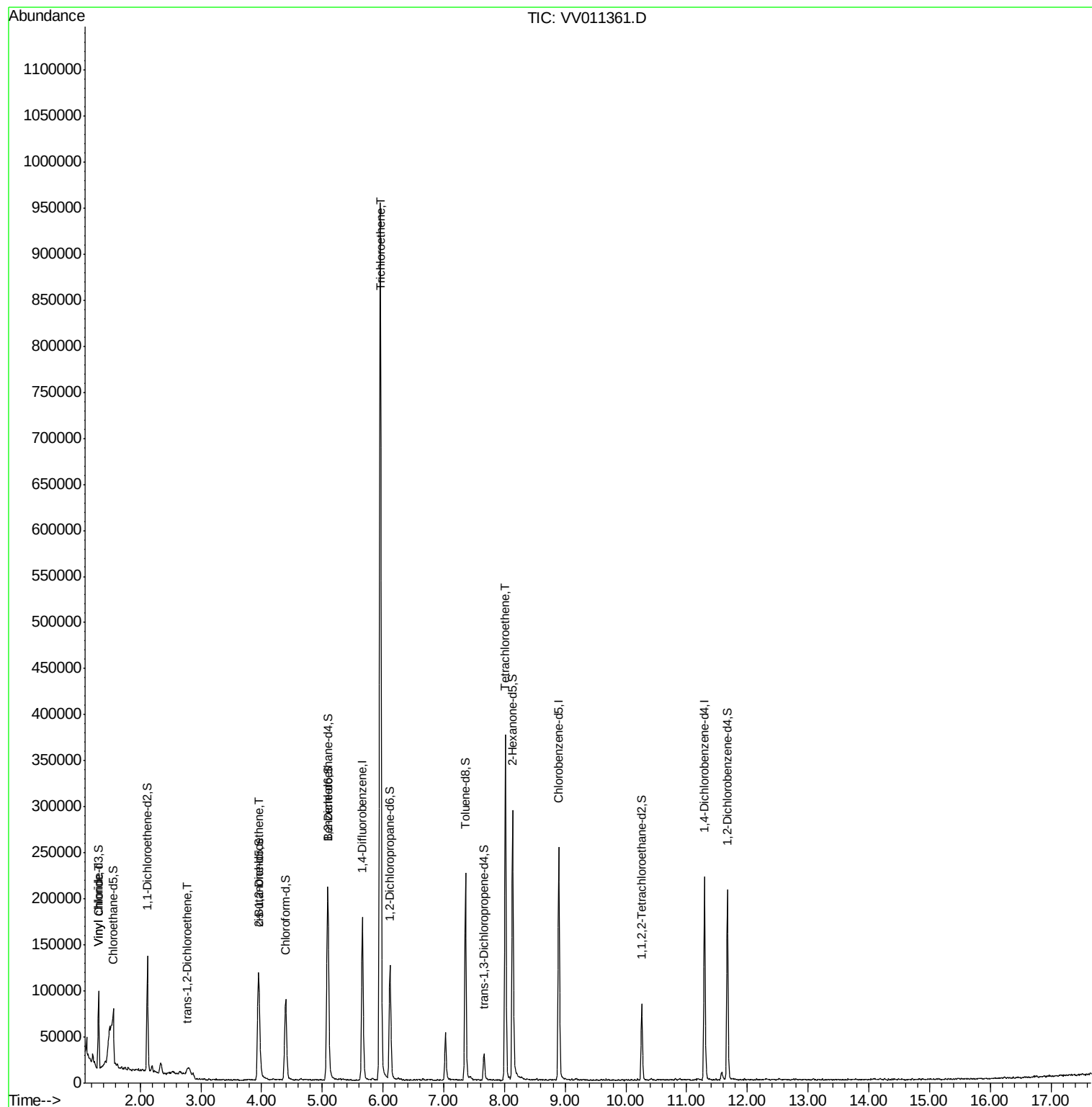
					Ovalue
5) Vinyl chloride	1.32	62	7089	0.560 ug/L	# 72
18) trans-1,2-Dichloroethene	2.78	96	1316	0.136 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	23110	2.149 ug/L	92
34) Trichloroethene	5.95	95	316125	30.255 ug/L	99
47) Tetrachloroethene	8.02	164	74057	9.807 ug/L	98

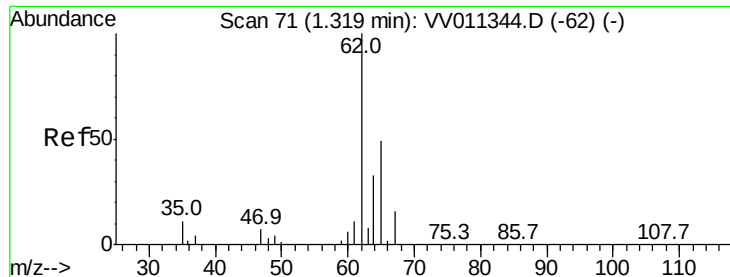
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.560 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011361.D

Acq: 10 Jun 2019 20:21

Instrument :

MSVOA_V

ClientSampleId :

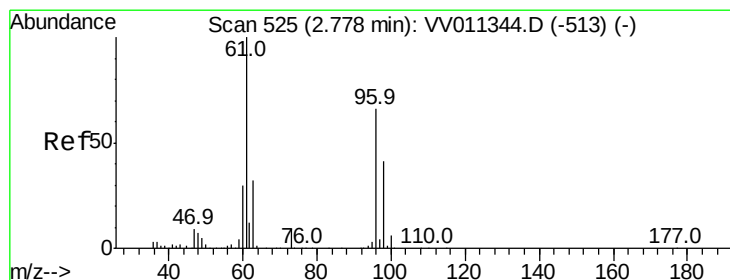
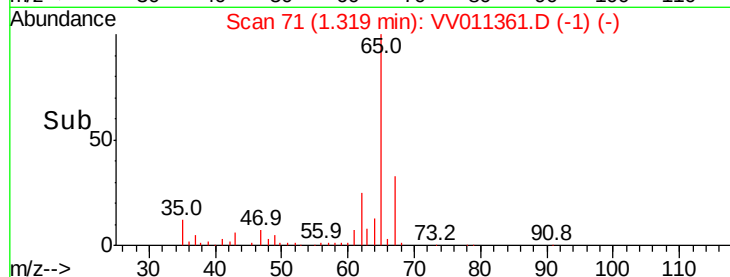
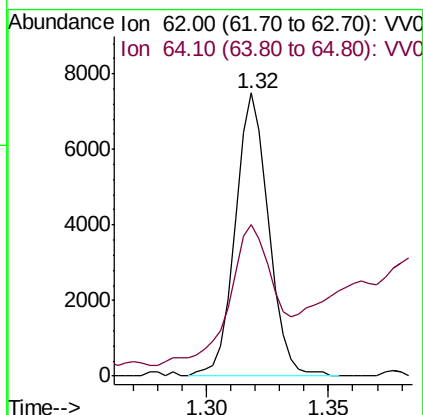
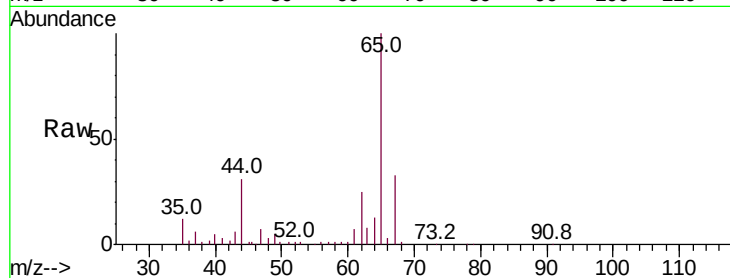
BFCT6

Tot Ion: 62 Resp: 7089

Ion Ratio Lower Upper

62 100

64 53.5 25.9 48.1#



#18

trans-1,2-Dichloroethene

Concen: 0.136 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

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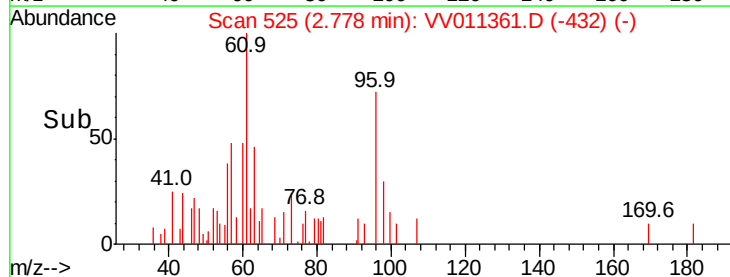
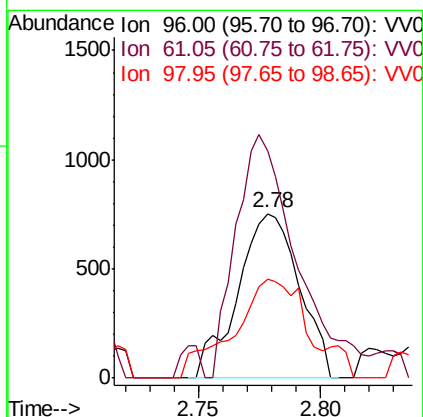
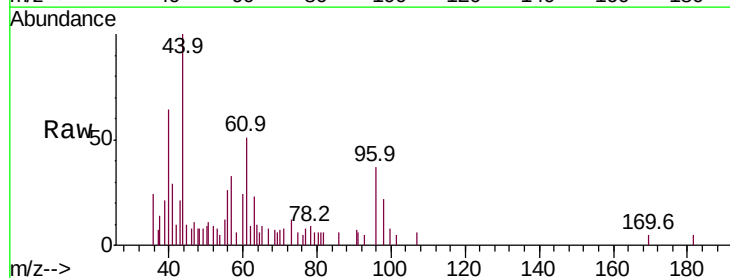
Tgt Ion: 96 Resp: 1316

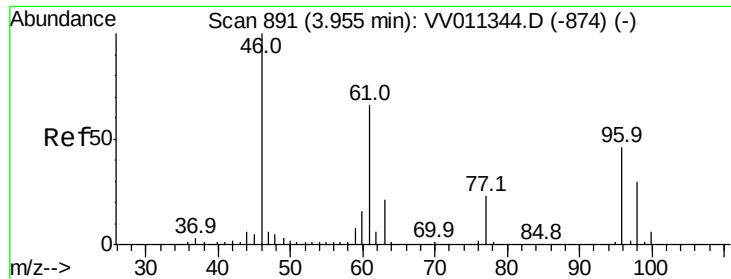
Ion Ratio Lower Upper

96 100

61 138.4 104.0 193.2

98 60.4 45.7 84.9



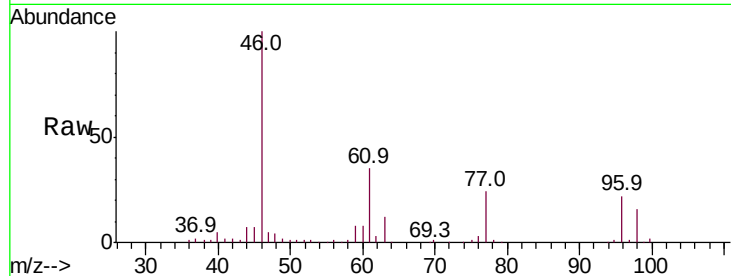


#22

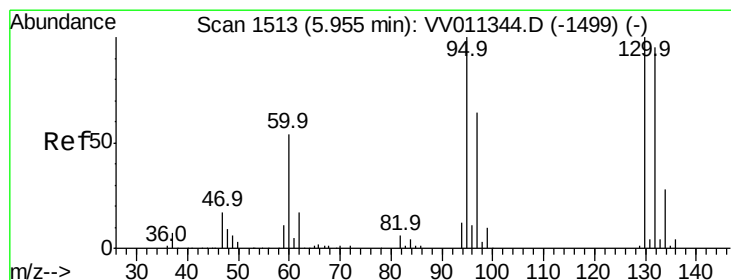
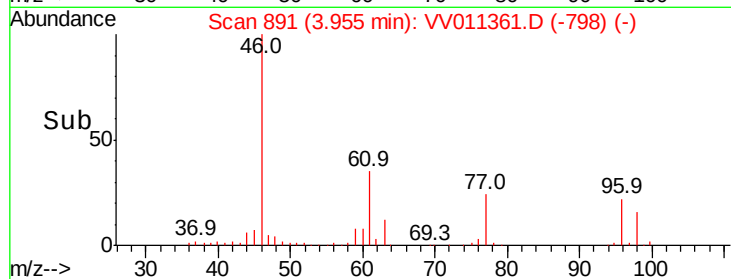
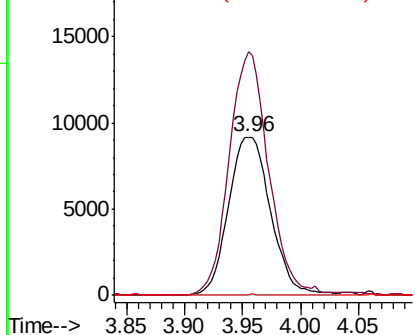
cis-1,2-Dichloroethene
Concen: 2.149 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011361.D
Acq: 10 Jun 2019 20:21

Instrument :
MSVOA_V
ClientSampleId :
BFCT6

Tot Ion: 96 Resp: 23110
Ion Ratio Lower Upper
96 100
61 153.7 100.8 187.2
68 0.0 0.0 0.0



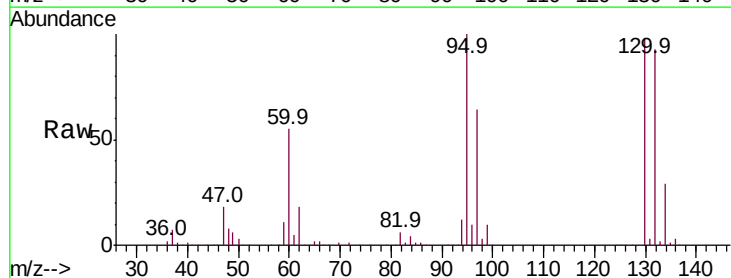
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



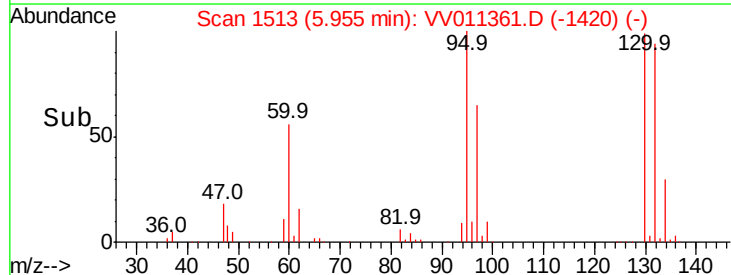
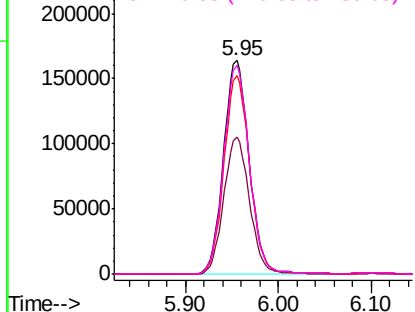
#34

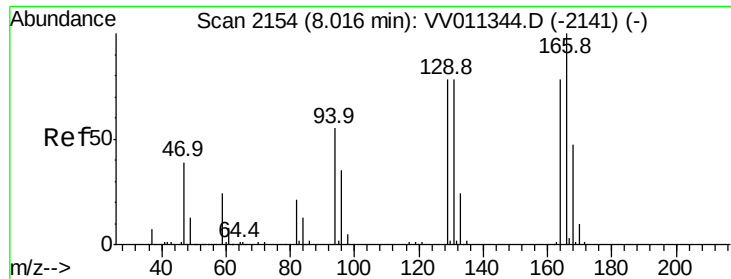
Trichloroethene
Concen: 30.255 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011361.D
Acq: 10 Jun 2019 20:21

Tgt Ion: 95 Resp: 316125
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.2
132 93.2 66.4 123.2
130 97.5 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

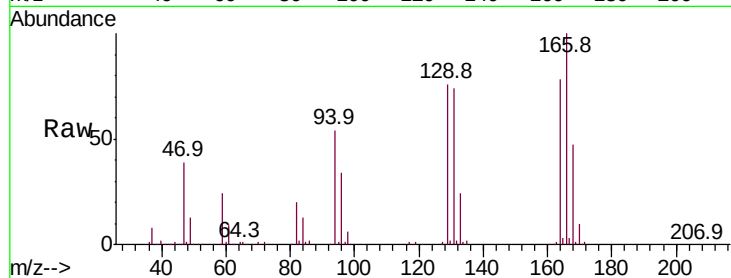




#47
Tetrachloroethene
Concen: 9.807 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV011361.D
Acq: 10 Jun 2019 20:21

Instrument :
MSVOA_V
ClientSampleId :
BFCT6

Tot Ion:164 Resp: 74057
Ion Ratio Lower Upper
164 100
129 97.2 69.9 129.9
131 94.4 66.8 124.2
166 127.7 90.2 167.6



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

