

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009594.D
 Acq On : 30 Mar 2019 17:00
 Operator : SY/VA
 Sample : K2167-09
 Misc : 5.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF110

Quant Time: Mar 30 22:02:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	366386	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133023	30.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.52%
7) Chloroethane-d5	2.89	69	125581	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.01	63	236236	24.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.84%
20) 2-Butanone-d5	7.07	46	104959	57.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.94%
24) Chloroform-d	7.64	84	263806	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.30	65	169242	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.40%
29) Benzene-d6	8.27	84	507414	26.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.36%
33) 1,2-Dichloropropane-d6	9.27	67	152415	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	10.32	98	451497	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.58	79	66667	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.76%
39) 2-Hexanone-d5	10.93	63	80395	57.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154659	27.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	162684	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

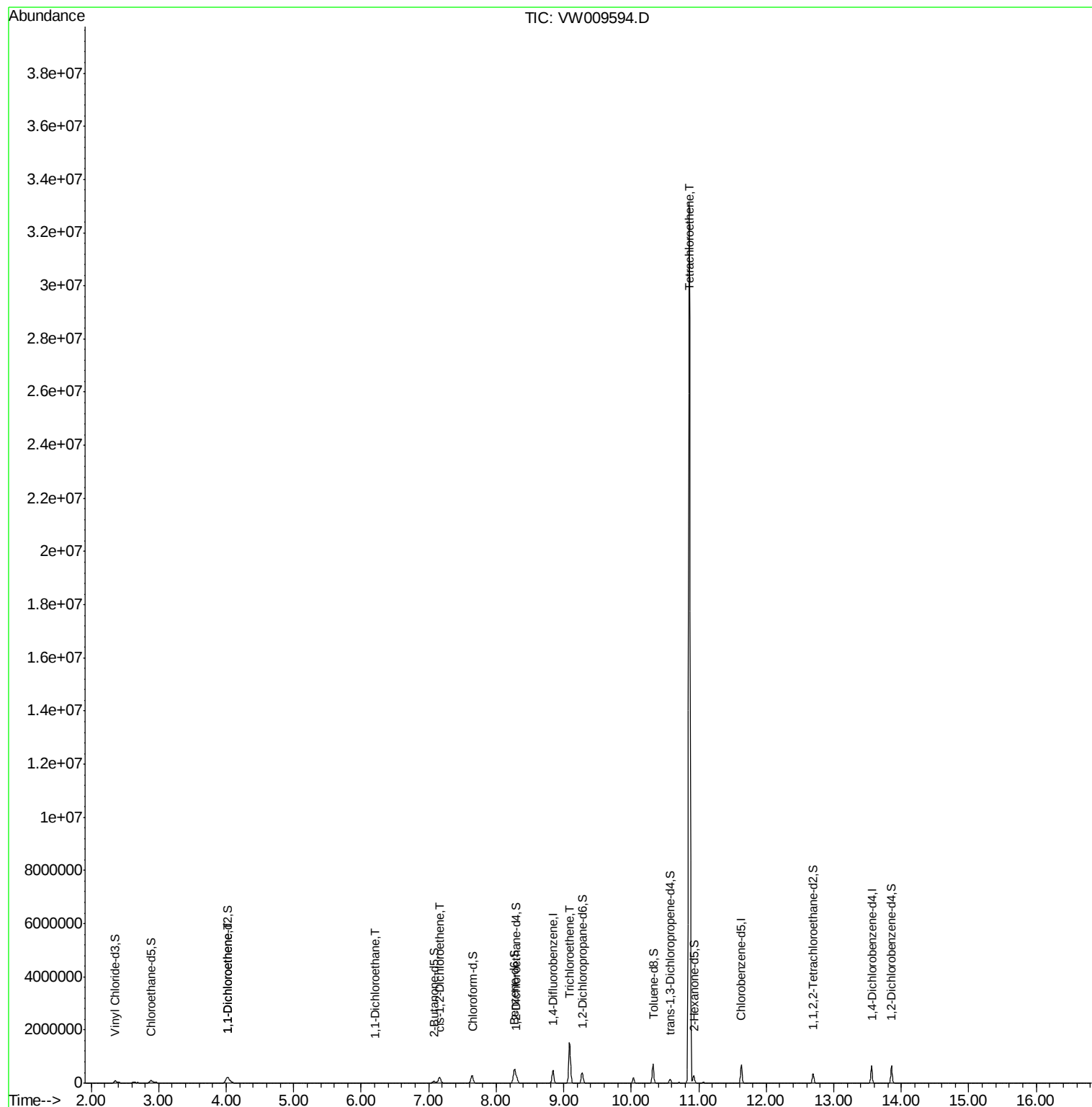
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	60079	13.316	ug/L	# 55
19) 1,1-Dichloroethane	6.20	63	6485	0.750	ug/L	89
22) cis-1,2-Dichloroethene	7.16	96	106710	20.766	ug/L	100
35) Trichloroethene	9.09	95	475720	93.377	ug/L	97
47) Tetrachloroethene	10.86	164	6022797	1399.126	ug/L	94

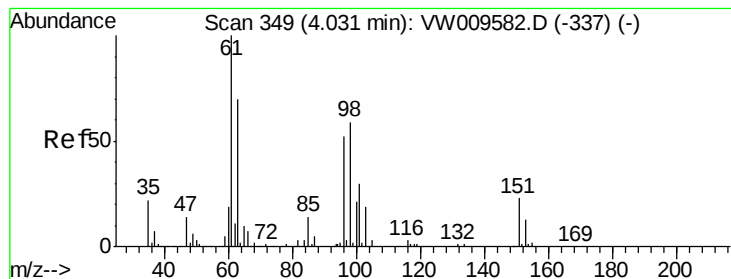
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 30 21:16:55 2019
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#12

1,1-Dichloroethene

Concen: 13.316 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

Instrument :

MSVOA_W

ClientSampled :

BF110

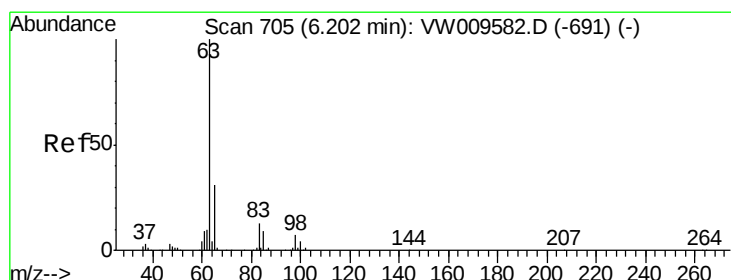
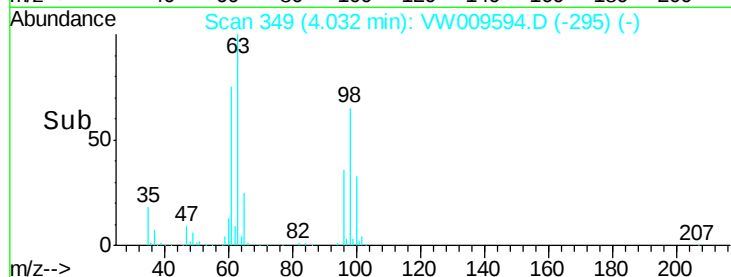
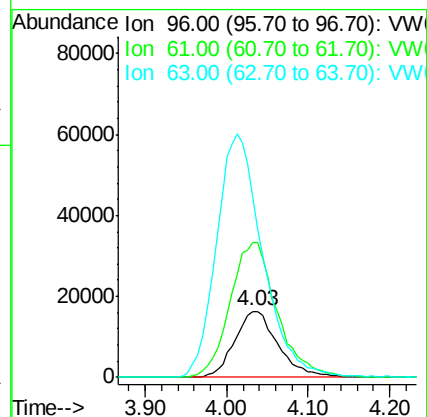
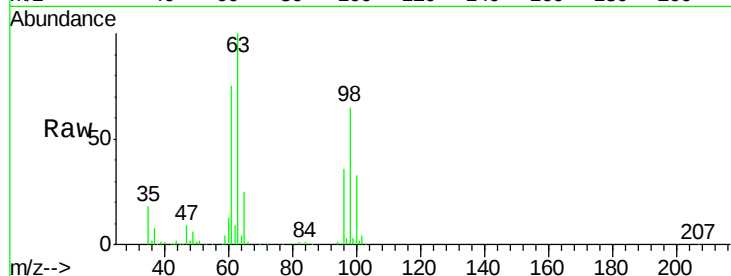
Tgt Ion: 96 Resp: 60079

Ion Ratio Lower Upper

96 100

61 204.4 129.4 240.2

63 274.2 116.8 217.0#



#19

1,1-Dichloroethane

Concen: 0.750 ug/L

RT: 6.20 min Scan# 705

Delta R.T. 0.00 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

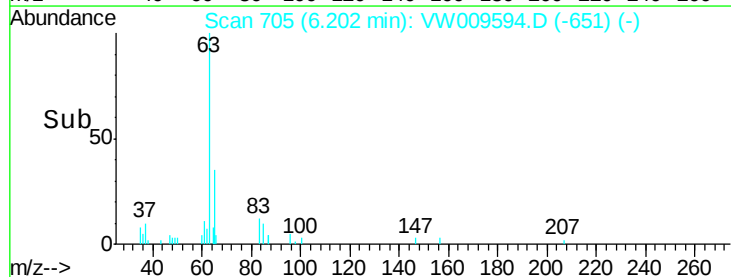
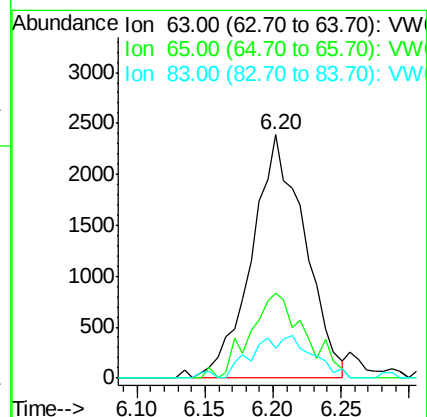
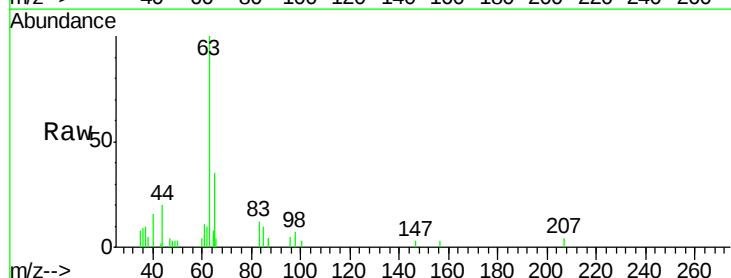
Tgt Ion: 63 Resp: 6485

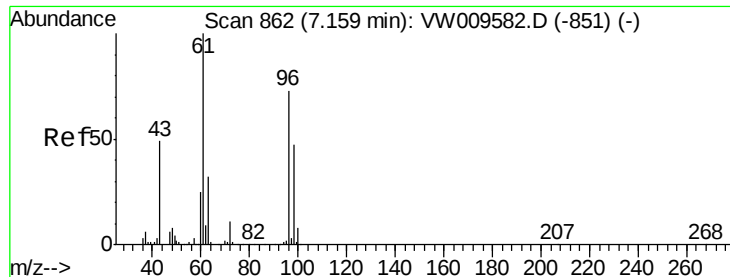
Ion Ratio Lower Upper

63 100

65 38.5 21.6 40.0

83 12.1 10.1 18.7



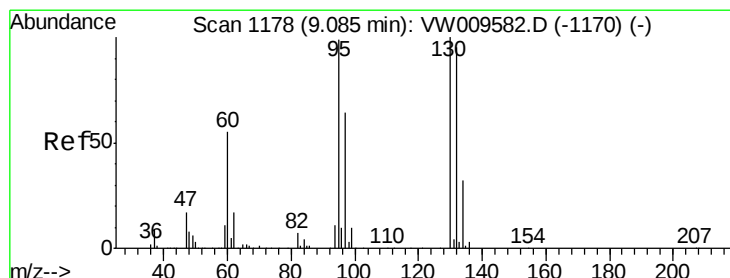
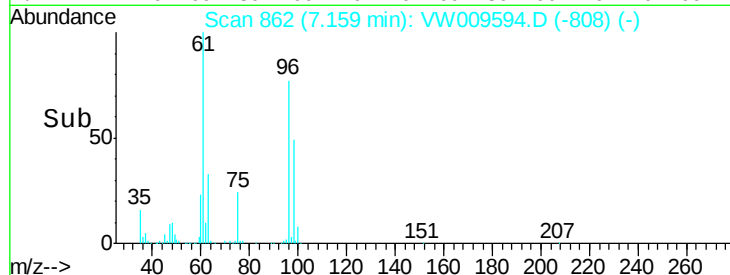
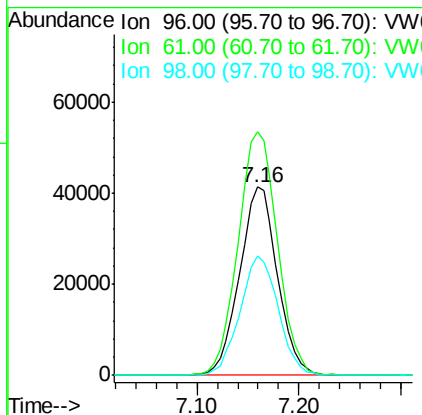
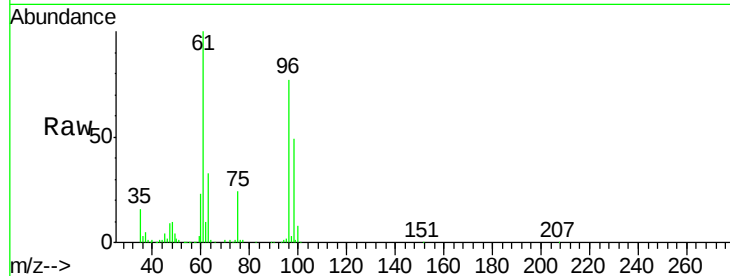


#22

cis-1,2-Dichloroethene
 Concen: 20.766 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009594.D
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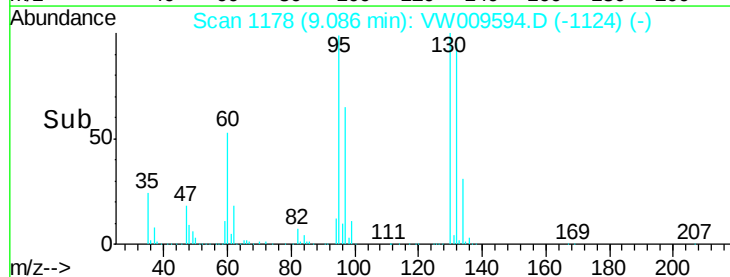
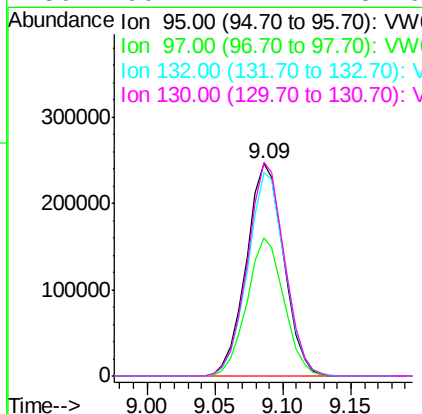
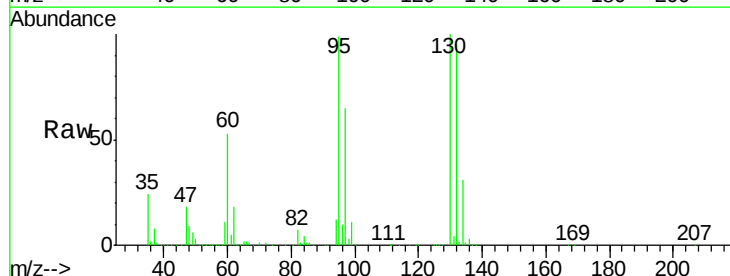
Tgt Ion: 96 Resp: 106710
 Ion Ratio Lower Upper
 96 100
 61 129.2 90.6 168.3
 98 63.6 44.0 81.8

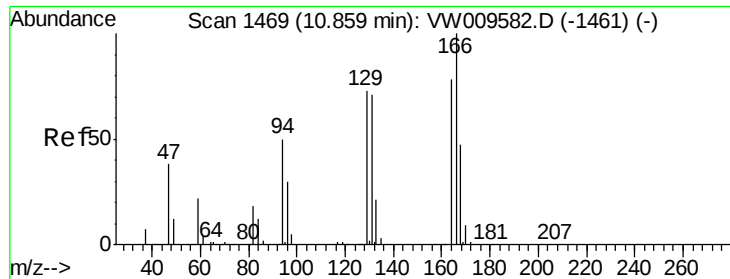


#35

Trichloroethene
 Concen: 93.377 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009594.D
 Acq: 30 Mar 2019 17:00

Tgt Ion: 95 Resp: 475720
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.7 82.9
 132 95.2 69.0 128.2
 130 99.7 72.7 134.9





#47

Tetrachloroethene

Concen: 1399.126 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009594.D

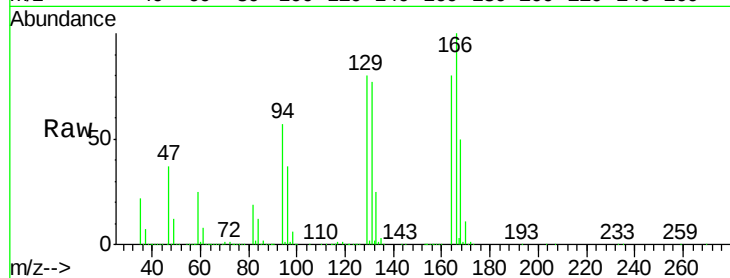
Acq: 30 Mar 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

BF110



Tgt Ion:164 Resp: 6022797

Ion Ratio Lower Upper

164 100

129 99.9 66.5 123.5

131 95.9 62.6 116.3

166 124.9 91.6 170.0

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

