

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009587.D
 Acq On : 30 Mar 2019 13:48
 Operator : SY/VA
 Sample : K2128-21
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF101

Quant Time: Mar 30 21:20:02 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	403017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390836	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170200	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122371	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
7) Chloroethane-d5	2.89	69	124020	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.01	63	189107	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	7.07	46	84279	42.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.62%
24) Chloroform-d	7.64	84	283576	25.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	8.30	65	170425	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.88%
29) Benzene-d6	8.27	84	511050	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.27	67	166678	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
37) Toluene-d8	10.32	98	456998	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.72%
38) trans-1,3-Dichloropropene-	10.58	79	62730	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.93	63	62220	39.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142420	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	169195	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds

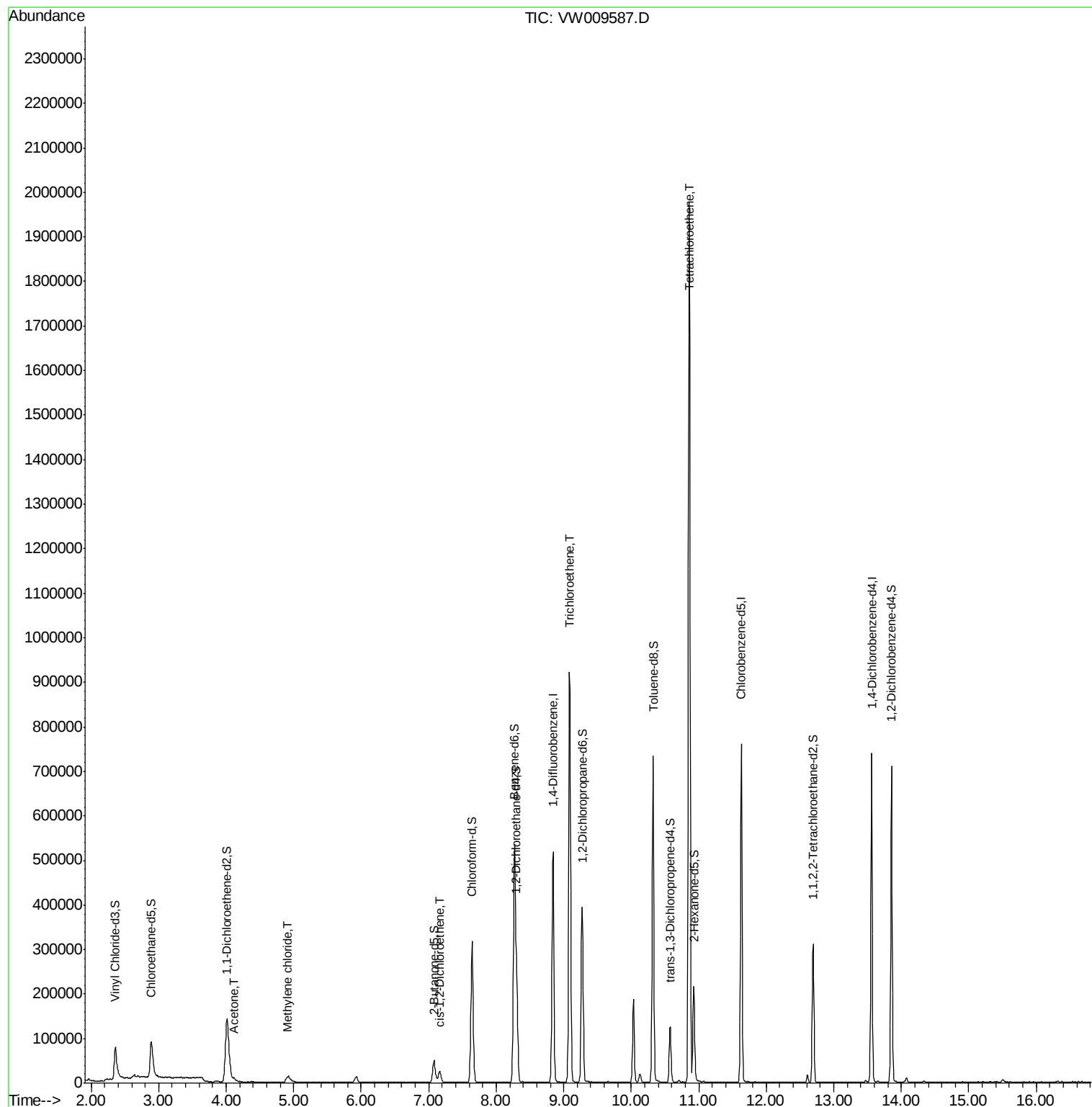
					Qvalue
13) Acetone	4.12	43	8779	5.375 ug/L	90
16) Methylene chloride	4.90	84	10458	1.779 ug/L	78
22) cis-1,2-Dichloroethene	7.16	96	12376	2.190 ug/L	97
35) Trichloroethene	9.09	95	300828	52.775 ug/L	98
47) Tetrachloroethene	10.86	164	394112	81.828 ug/L	98

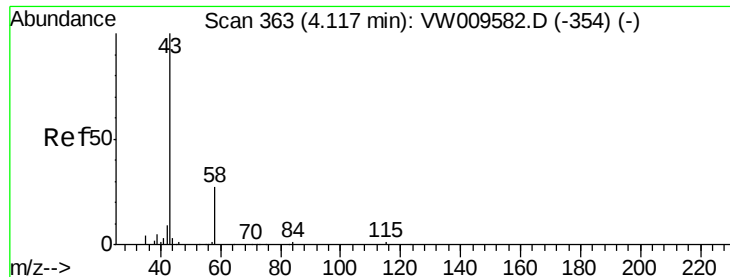
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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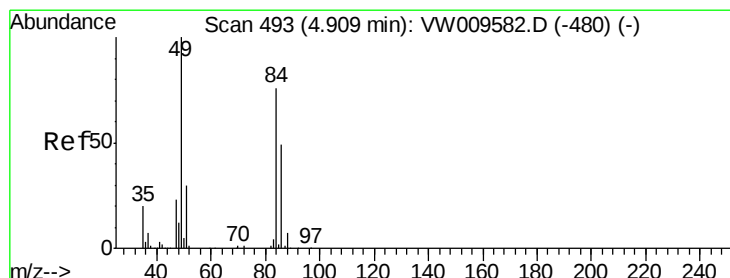
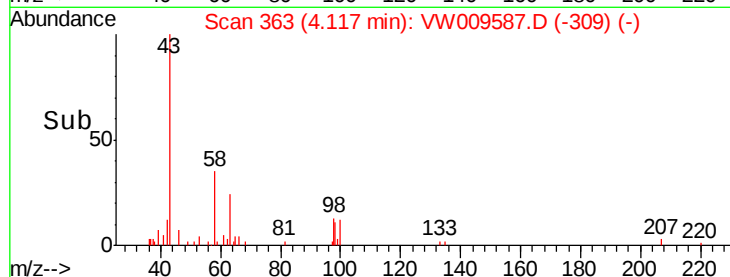
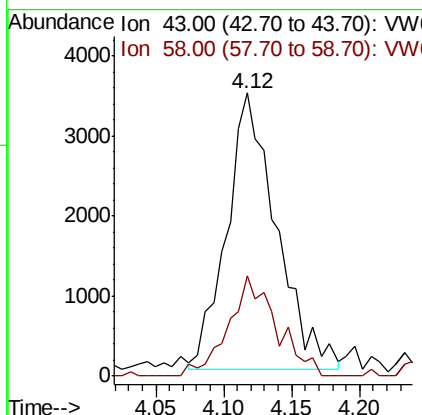
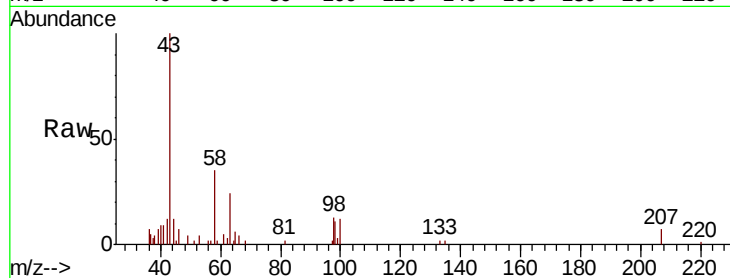




#13
Acetone
Concen: 5.375 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009587.D
Acq: 30 Mar 2019 13:48

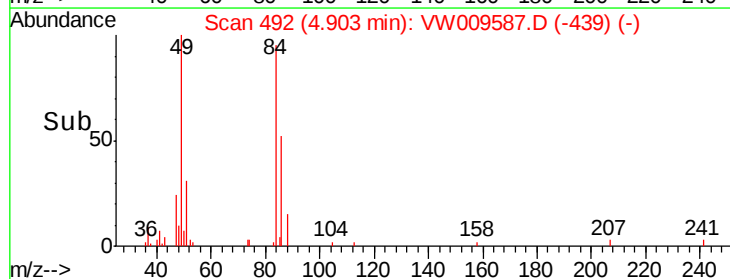
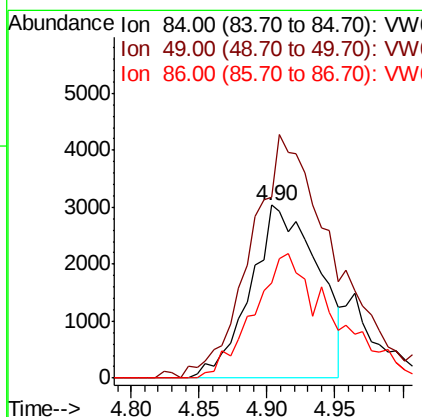
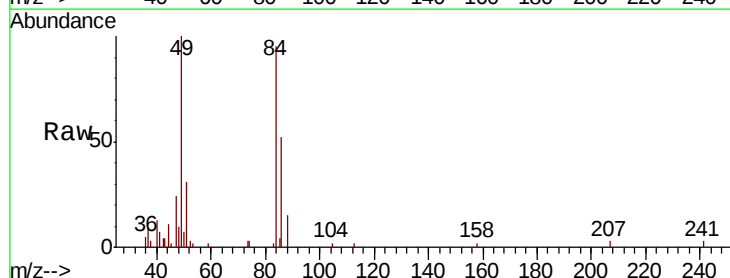
Instrument :
MSVOA_W
ClientSampleId :
BF101

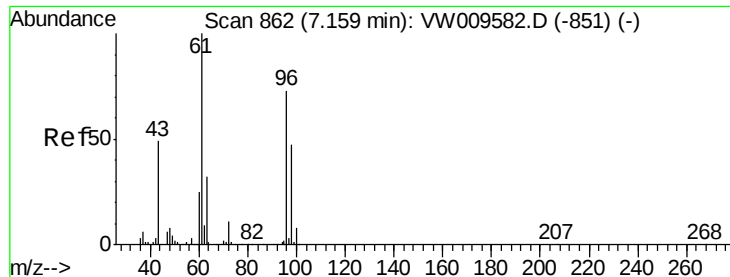
Tgt Ion: 43 Resp: 8779
Ion Ratio Lower Upper
43 100
58 33.2 0.0 56.2



#16
Methylene chloride
Concen: 1.779 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009587.D
Acq: 30 Mar 2019 13:48

Tgt Ion: 84 Resp: 10458
Ion Ratio Lower Upper
84 100
49 105.0 96.0 178.2
86 55.1 44.4 82.5





#22

cis-1,2-Dichloroethene

Concen: 2.190 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW009587.D

Acq: 30 Mar 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

BF101

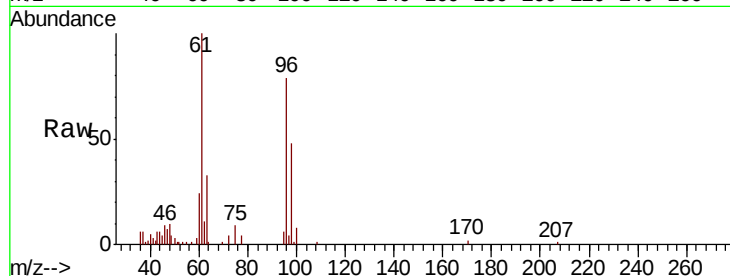
Tgt Ion: 96 Resp: 12376

Ion Ratio Lower Upper

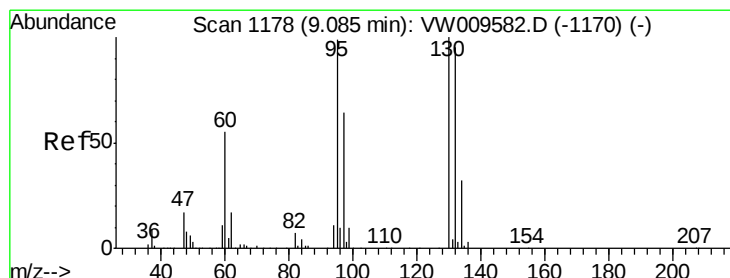
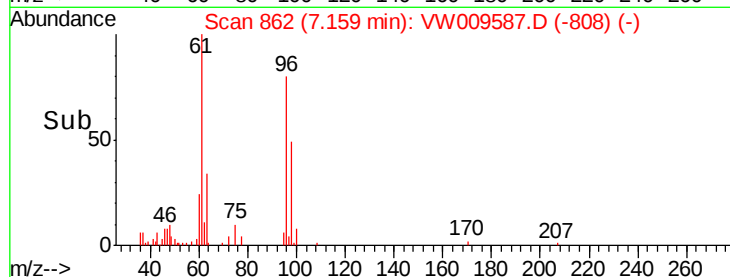
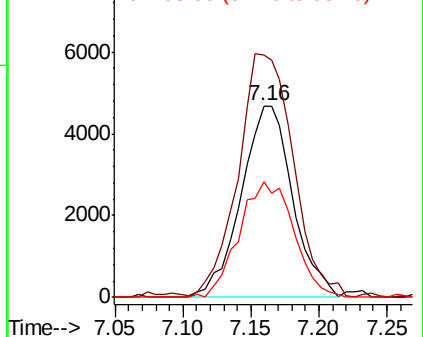
96 100

61 126.4 90.6 168.3

98 60.5 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 52.775 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009587.D

Acq: 30 Mar 2019 13:48

Tgt Ion: 95 Resp: 300828

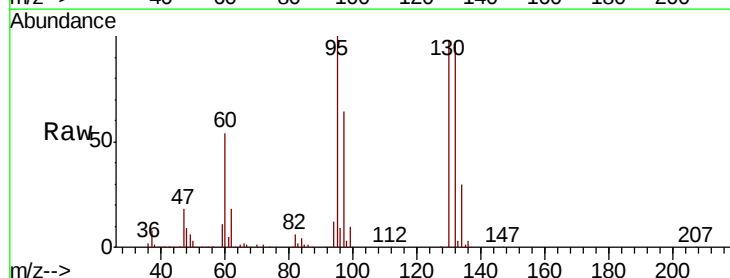
Ion Ratio Lower Upper

95 100

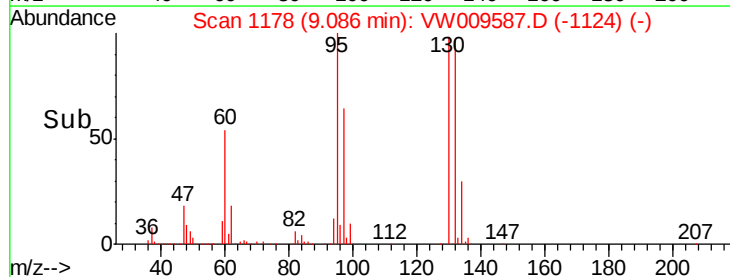
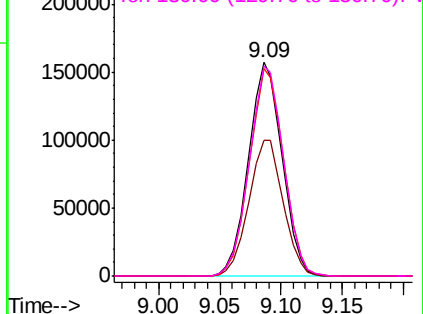
97 64.9 44.7 82.9

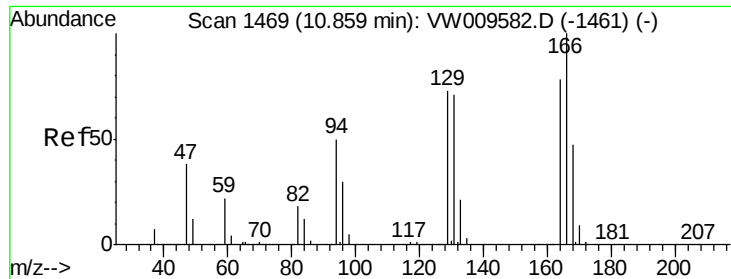
132 98.4 69.0 128.2

130 99.8 72.7 134.9



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





#47

Tetrachloroethene

Concen: 81.828 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009587.D

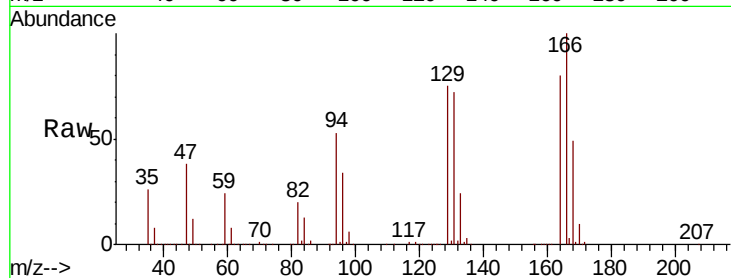
Acq: 30 Mar 2019 13:48

Instrument :

MSVOA_W

ClientSampleId :

BF101



Tgt Ion:164 Resp: 394112

Ion Ratio Lower Upper

164 100

129 94.6 66.5 123.5

131 90.8 62.6 116.3

166 125.4 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

