

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009345.D
 Acq On : 22 Mar 2019 13:42
 Operator : SY/VA
 Sample : K2017-15
 Misc : 4.63G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFOE1

Quant Time: Mar 23 00:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144231	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97620	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.48%
7) Chloroethane-d5	2.89	69	94826	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.96%
10) 1,1-Dichloroethene-d2	4.01	63	147468	15.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.96%
20) 2-Butanone-d5	7.07	46	91841	52.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.06%
24) Chloroform-d	7.65	84	218134	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.31	65	136945	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.28%
29) Benzene-d6	8.27	84	398187	21.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.28%
33) 1,2-Dichloropropane-d6	9.27	67	127022	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	10.32	98	340956	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.96%
38) trans-1,3-Dichloropropene-	10.57	79	57190	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.20%
39) 2-Hexanone-d5	10.93	63	67149	49.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135261	24.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	129916	23.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.96%

Target Compounds

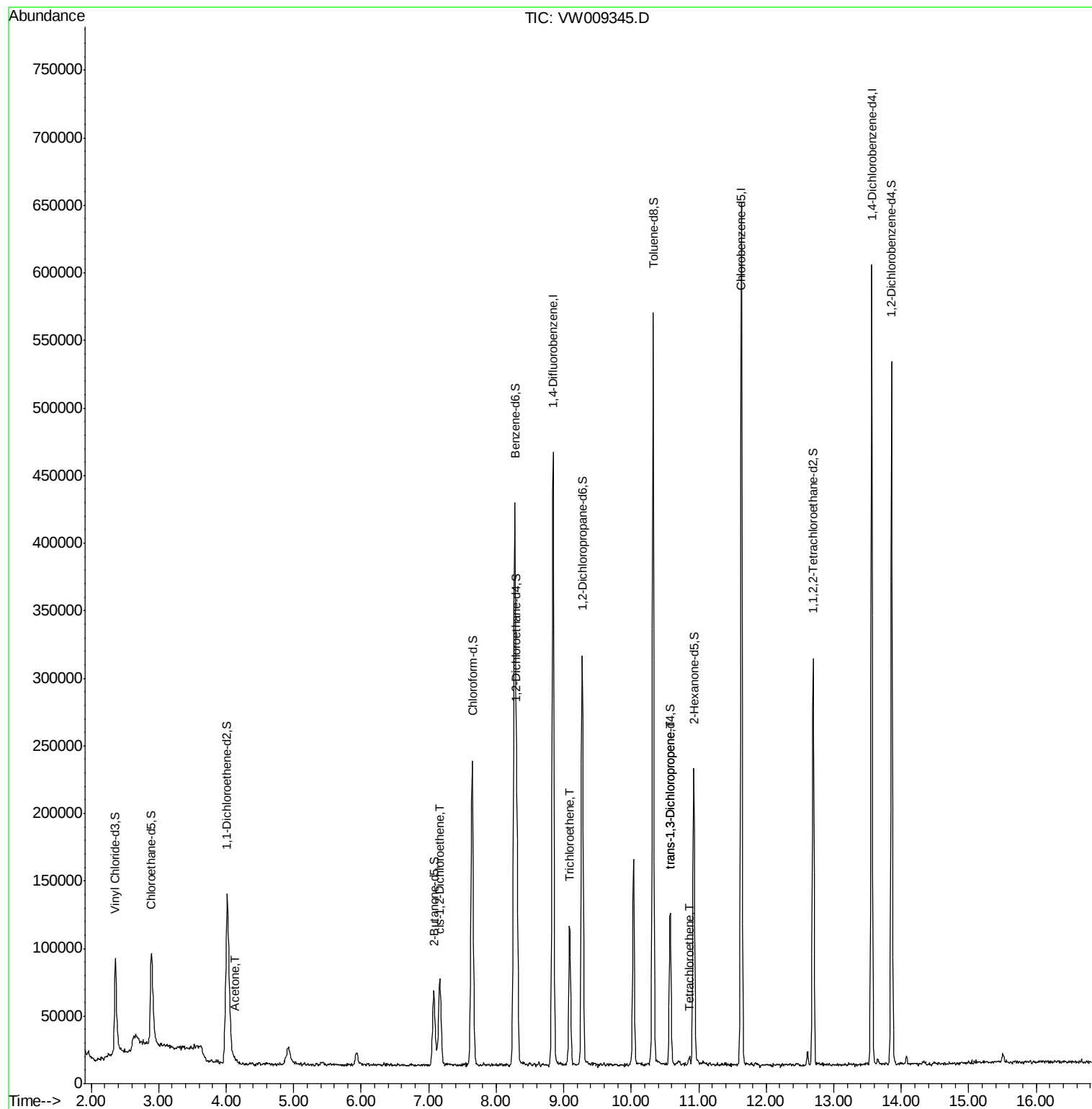
					Qvalue
13) Acetone	4.12	43	1126	0.778 ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	34518	6.891 ug/L	92
35) Trichloroethene	9.09	95	32781	6.636 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	3208	0.476 ug/L	85
47) Tetrachloroethene	10.87	164	1181	0.283 ug/L #	61

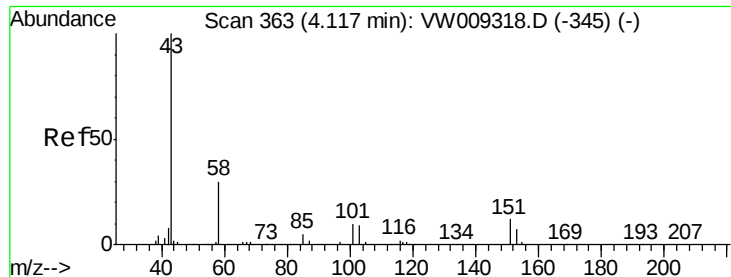
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 0.778 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009345.D

Acq: 22 Mar 2019 13:42

Instrument :

MSVOA_W

ClientSampled :

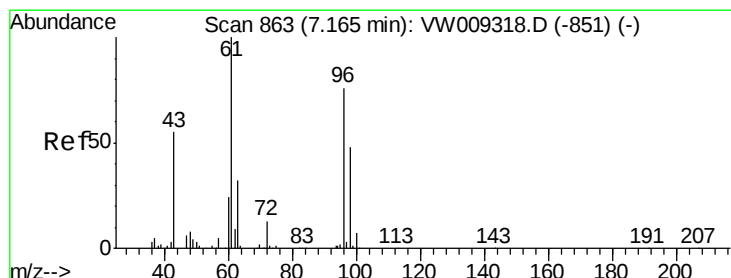
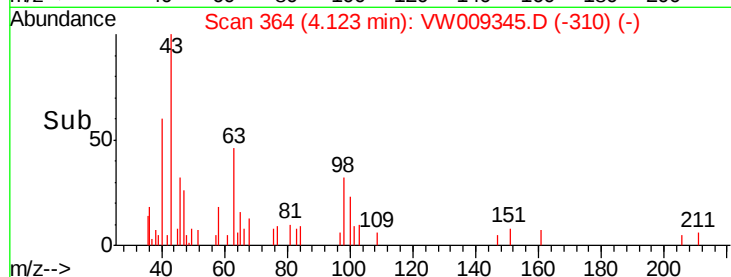
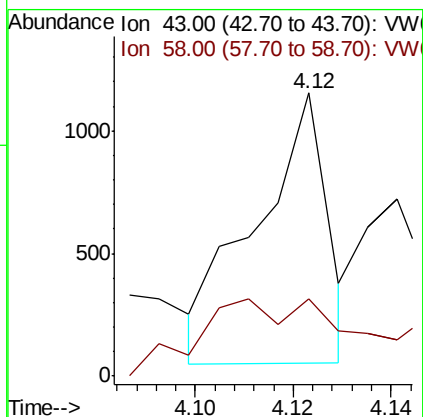
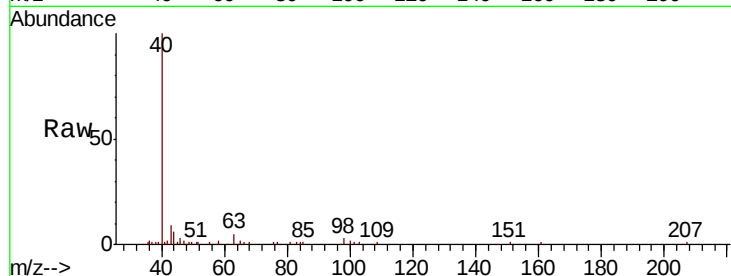
BFOE1

Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

58 33.0 0.0 56.2



#22

cis-1,2-Dichloroethene

Concen: 6.891 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009345.D

Acq: 22 Mar 2019 13:42

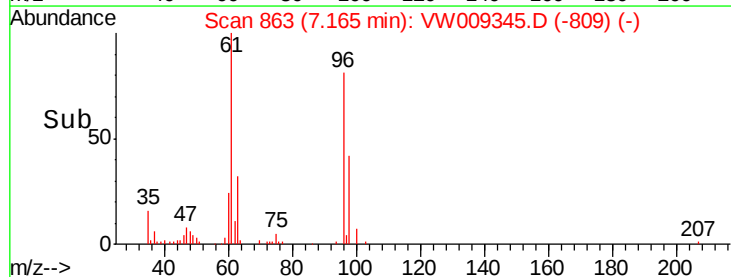
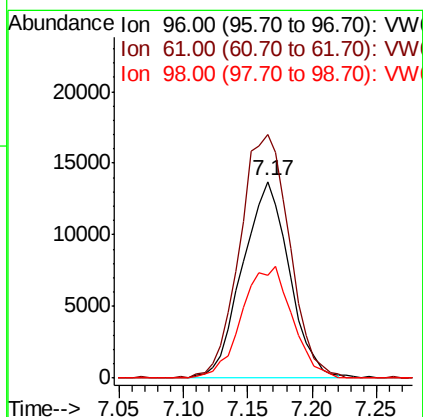
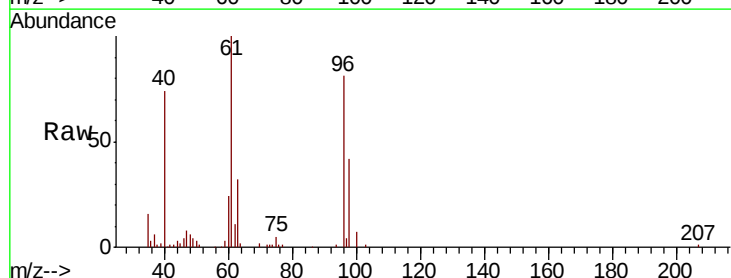
Tgt Ion: 96 Resp: 34518

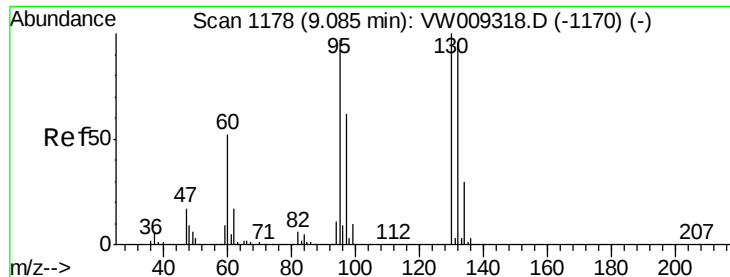
Ion Ratio Lower Upper

96 100

61 123.7 90.6 168.3

98 52.4 44.0 81.8





#35

Trichloroethene

Concen: 6.636 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009345.D

Acq: 22 Mar 2019 13:42

Instrument :

MSVOA_W

ClientSampled :

BFOE1

Tgt Ion: 95 Resp: 32781

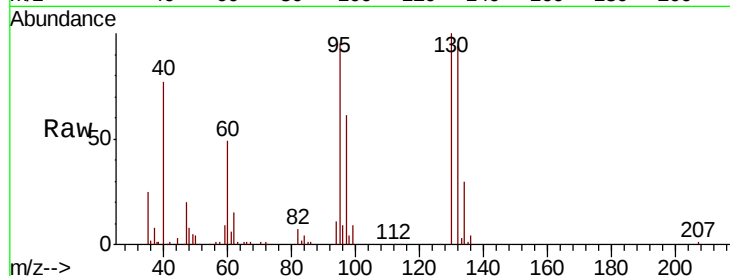
Ion Ratio Lower Upper

95 100

97 62.8 44.7 82.9

132 99.7 69.0 128.2

130 100.3 72.7 134.9

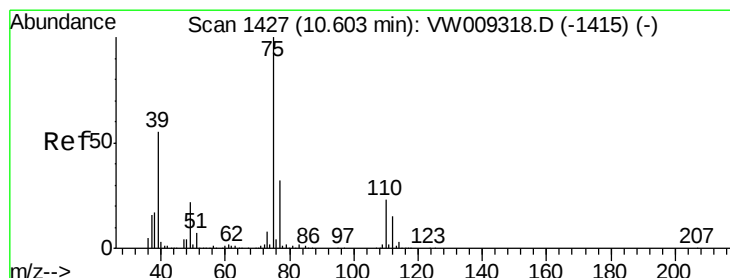
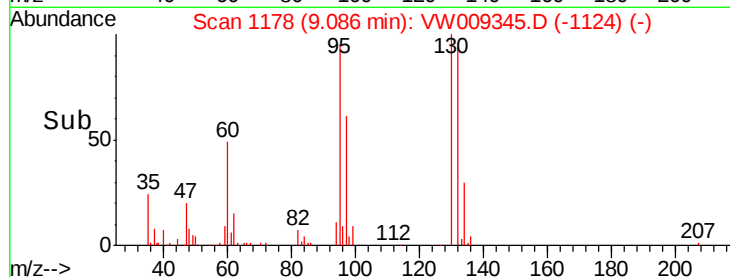
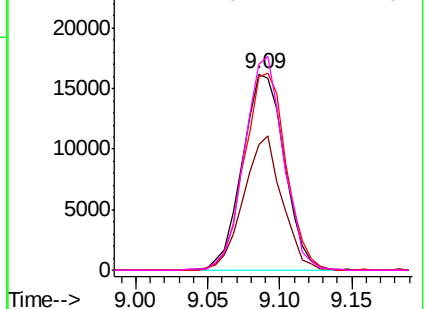


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#45

trans-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009345.D

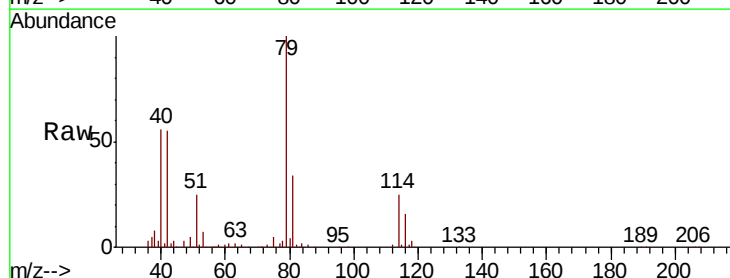
Acq: 22 Mar 2019 13:42

Tgt Ion: 75 Resp: 3208

Ion Ratio Lower Upper

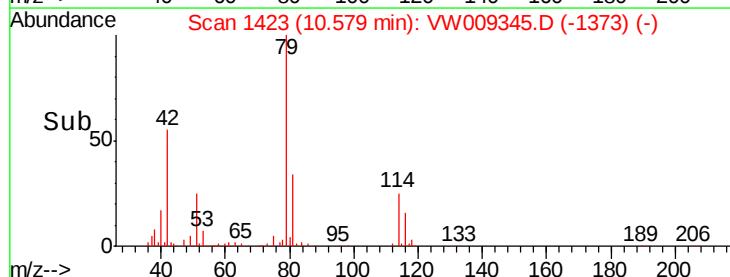
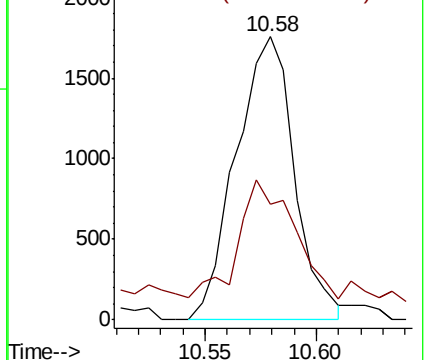
75 100

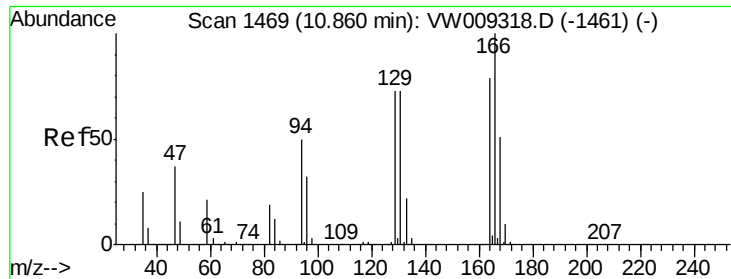
77 40.8 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.283 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009345.D

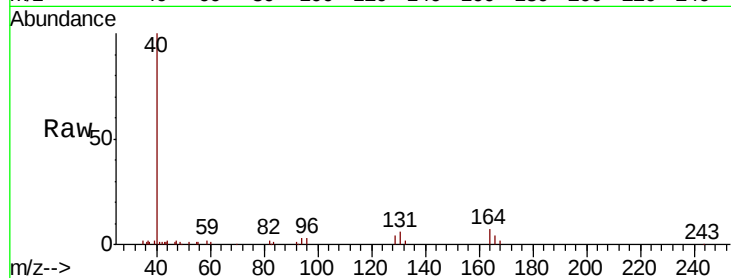
Acq: 22 Mar 2019 13:42

Instrument :

MSVOA_W

ClientSampleId :

BF0E1



Tgt Ion:	164	Resp:	1181
Ion	Ratio	Lower	Upper
164	100		
129	56.0	66.5	123.5#
131	87.8	62.6	116.3
166	55.4	91.6	170.0#

