

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
 Data File : VW004045.D
 Acq On : 19 Jul 2018 19:30
 Operator : VA/AP
 Sample : J4037-06
 Misc : 5.61G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEY49

Quant Time: Jul 20 06:43:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 06:42:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	214026	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	183220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	59163	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55299	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.48%
7) Chloroethane-d5	2.89	69	42316	27.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.92%
10) 1,1-Dichloroethene-d2	4.01	63	92152	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.09	46	66200	53.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.66%
24) Chloroform-d	7.65	84	142953	28.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.56%
26) 1,2-Dichloroethane-d4	8.31	65	89724	29.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.28%
29) Benzene-d6	8.27	84	245467	28.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.56%
33) 1,2-Dichloropropane-d6	9.28	67	88356	31.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.68%#
37) Toluene-d8	10.33	98	189890	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.44%
38) trans-1,3-Dichloropropene-	10.58	79	31976	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.68%
39) 2-Hexanone-d5	10.93	63	47674	62.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.96%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	89663	28.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	51139	26.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.52%

Target Compounds

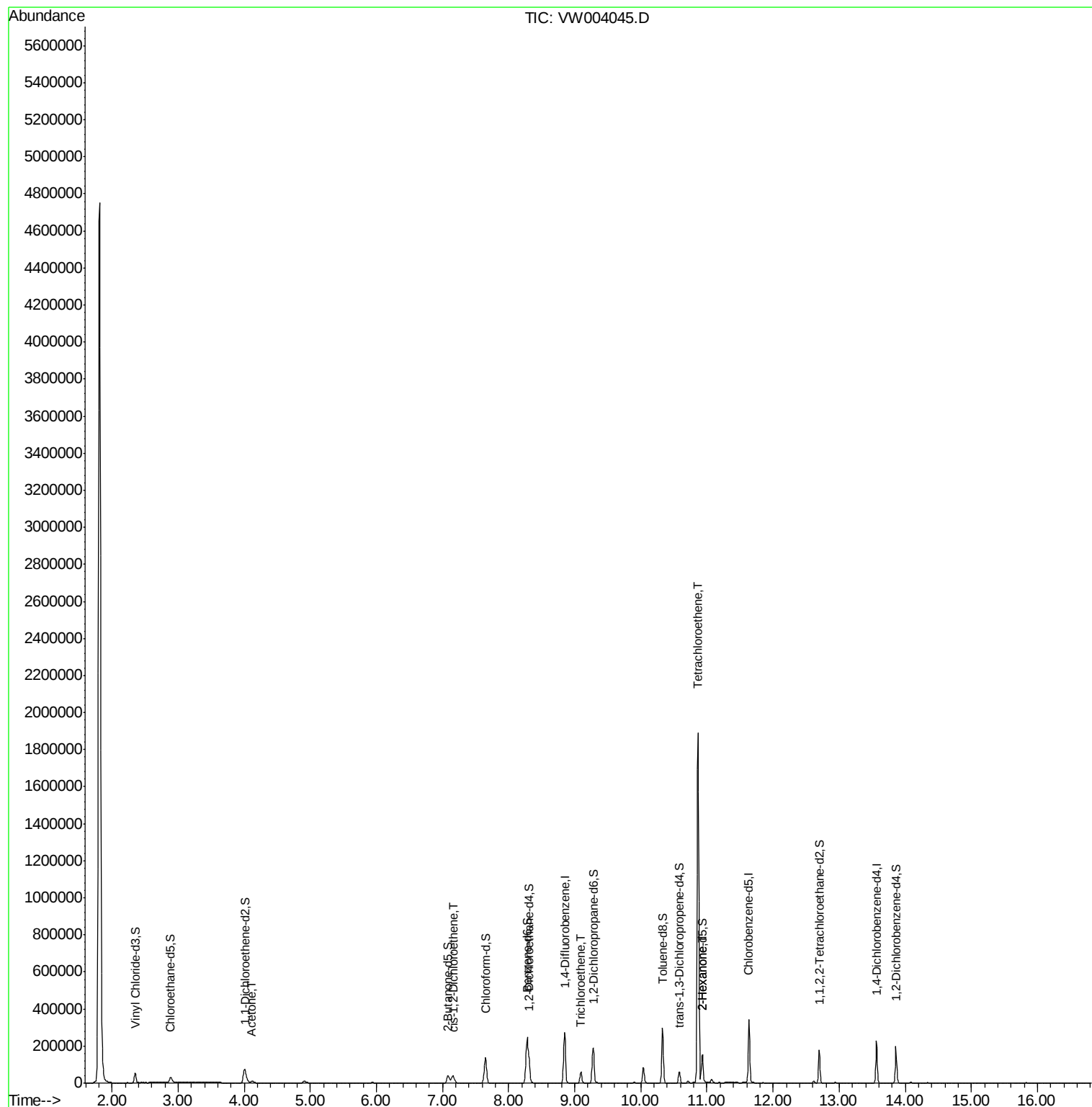
					Qvalue
13) Acetone	4.12	43	16029	11.876 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	9054	2.888 ug/L	84
35) Trichloroethene	9.10	95	20645	6.870 ug/L	98
47) Tetrachloroethene	10.87	164	415920	171.619 ug/L	94
49) 2-Hexanone	10.93	43	8854	4.273 ug/L #	65

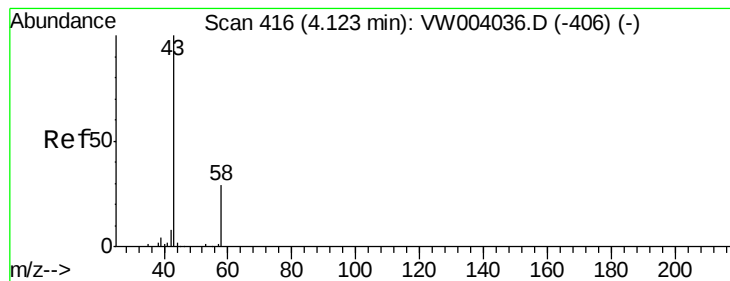
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.876 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

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Acq: 19 Jul 2018 19:30

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MSVOA_W

ClientSampleId :

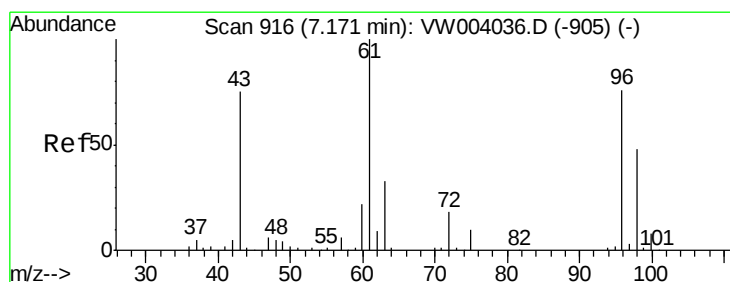
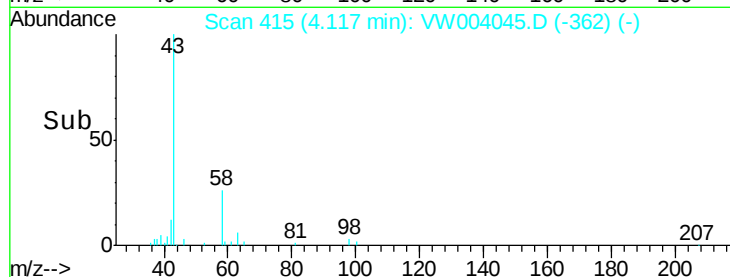
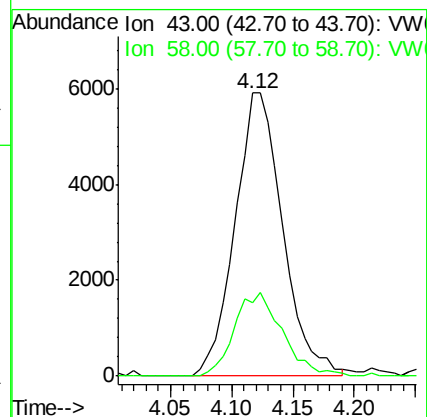
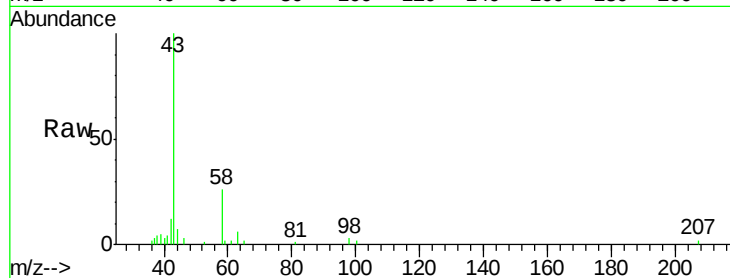
BEY49

Tgt Ion: 43 Resp: 16029

Ion Ratio Lower Upper

43 100

58 29.1 0.0 59.4



#22

cis-1,2-Dichloroethene

Concen: 2.888 ug/L

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

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Acq: 19 Jul 2018 19:30

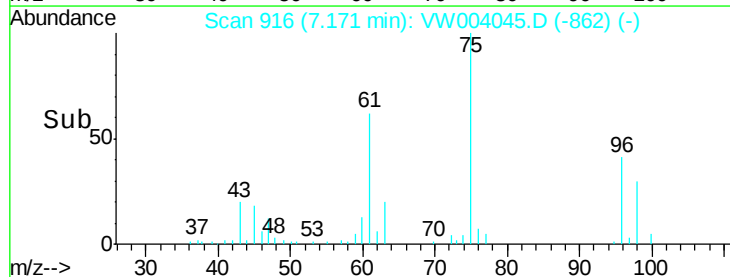
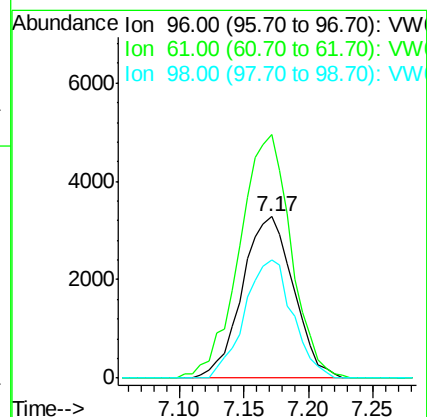
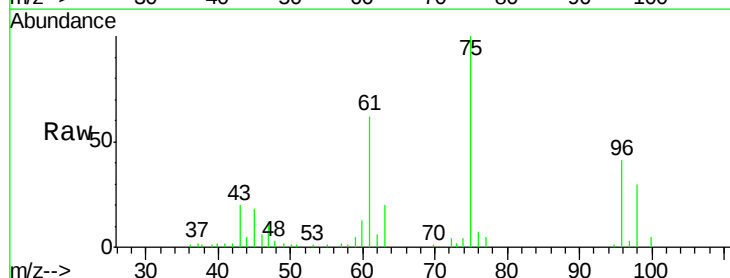
Tgt Ion: 96 Resp: 9054

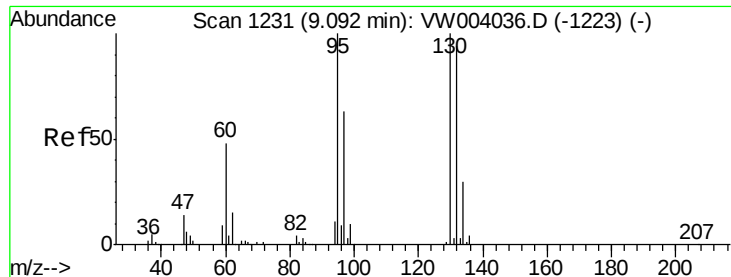
Ion Ratio Lower Upper

96 100

61 150.7 92.5 171.9

98 73.2 43.0 80.0





#35

Trichloroethene

Concen: 6.870 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004045.D

Acq: 19 Jul 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

BEY49

Tgt Ion: 95 Resp: 20645

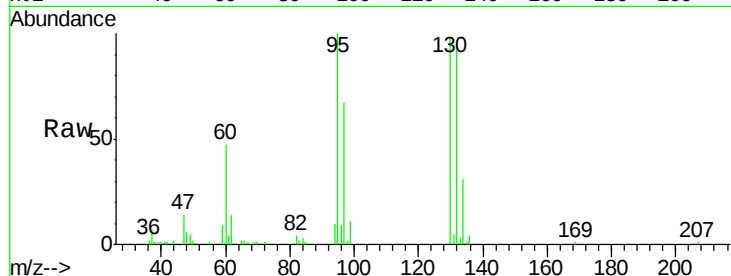
Ion Ratio Lower Upper

95 100

97 64.9 44.7 83.1

132 98.7 66.1 122.7

130 99.4 68.9 127.9



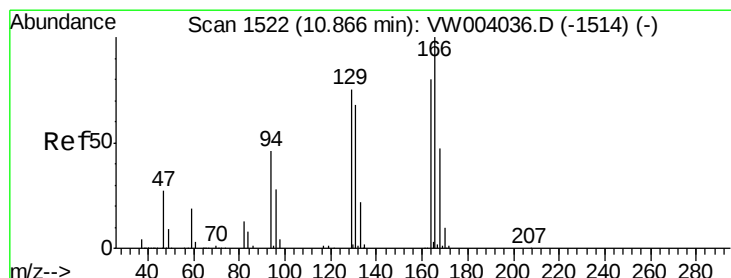
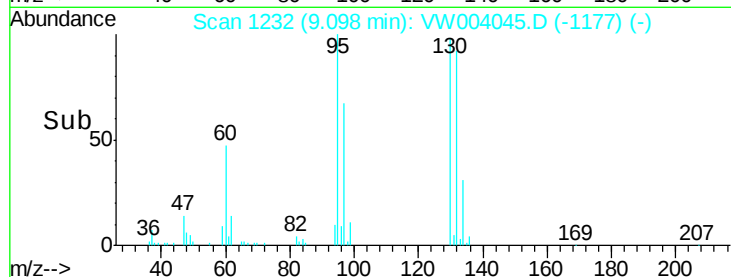
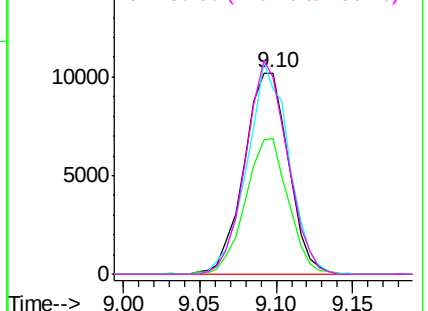
Abundance

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: 171.619 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004045.D

Acq: 19 Jul 2018 19:30

Tgt Ion: 164 Resp: 415920

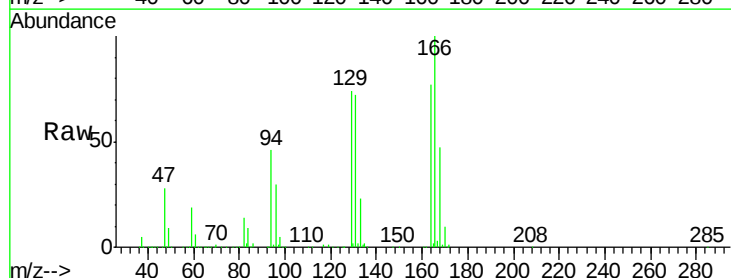
Ion Ratio Lower Upper

164 100

129 95.9 63.1 117.3

131 93.2 62.8 116.6

166 129.1 84.6 157.2



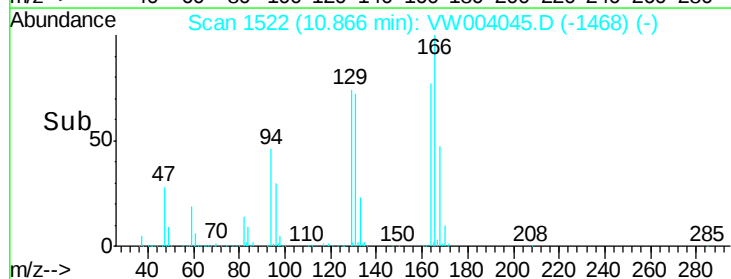
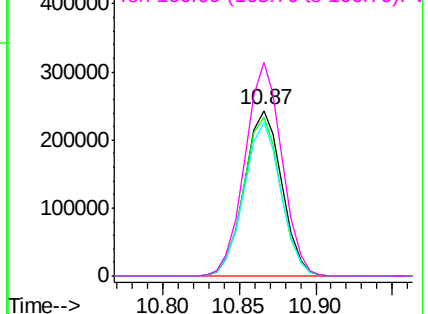
Abundance

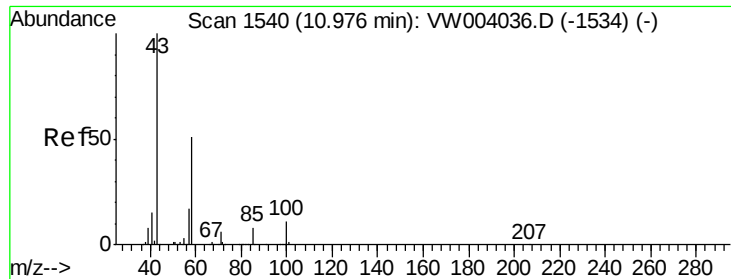
Ion 164.00 (163.70 to 164.70): V

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





#49

2-Hexanone

Concen: 4.273 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004045.D

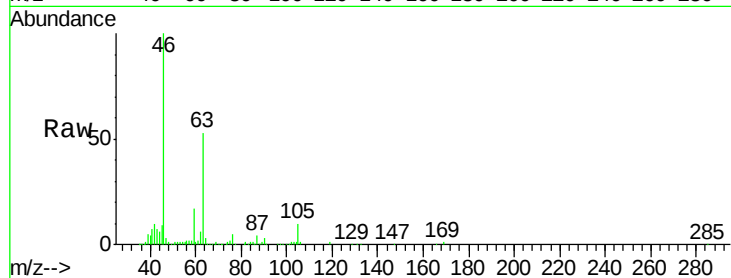
Acq: 19 Jul 2018 19:30

Instrument :

MSVOA_W

ClientSampleId :

BEY49



Tgt Ion: 43 Resp: 8854

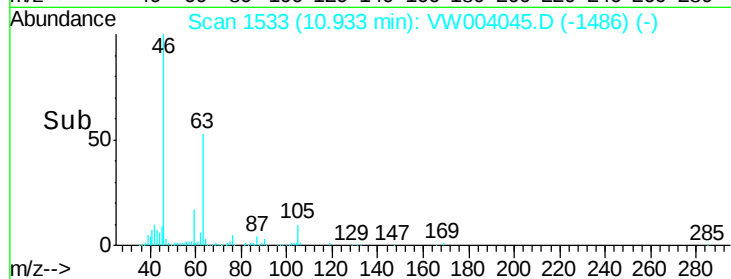
Ion Ratio Lower Upper

43 100

58 19.9 40.4 60.6#

57 25.1 14.0 21.0#

100 3.5 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

