

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006412.D
 Acq On : 26 Oct 2018 18:04
 Operator : SY/AP
 Sample : J5657-22
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J3

Quant Time: Oct 26 23:49:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	353033	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327591	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	166400	25.00	ug/L	0.00

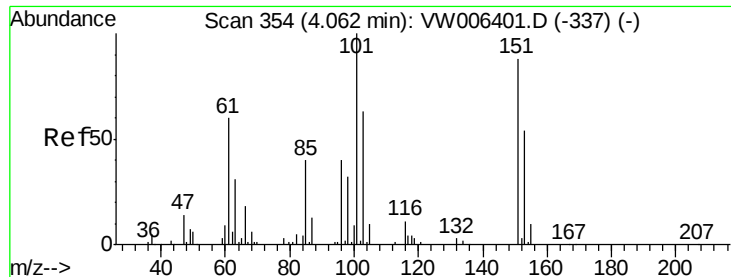
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74678	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
7) Chloroethane-d5	2.90	69	78435	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.56%
10) 1,1-Dichloroethene-d2	4.01	63	118768	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	7.09	46	56134	42.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.06%
24) Chloroform-d	7.65	84	191036	24.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	8.31	65	107818	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.27	84	373422	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	9.27	67	112302	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.08%
37) Toluene-d8	10.33	98	360903	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	43972	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.64%
39) 2-Hexanone-d5	10.93	63	47188	43.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107116	24.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	152892	26.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.24%

Target Compounds

					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1299	0.308 ug/L #	15
13) Acetone	4.14	43	32017	24.014 ug/L	98
35) Trichloroethene	8.85	95	10077	2.130 ug/L #	2
36) Methylcyclohexane	9.28	83	27884	3.216 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	12587	3.017 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3268	0.480 ug/L	91
49) 2-Hexanone	10.93	43	6066	2.462 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.40	75	1441	1.904 ug/L #	7

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



#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.308 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.05 min

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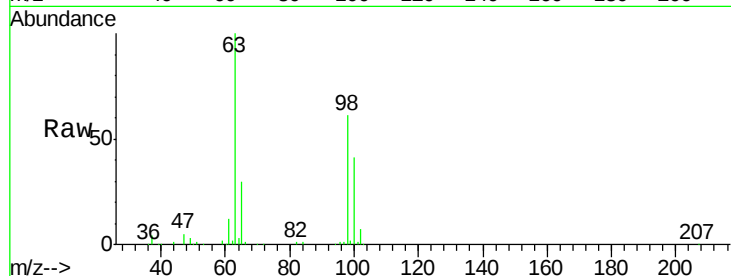
Tgt Ion: 101 Resp: 1299

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

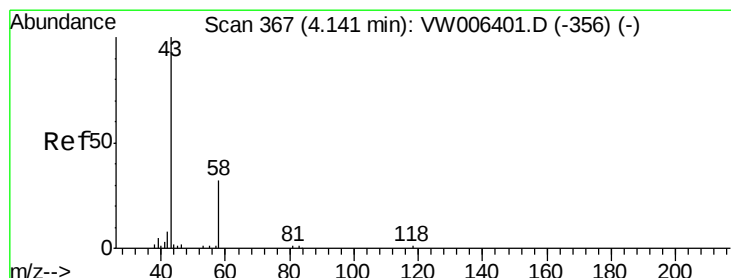
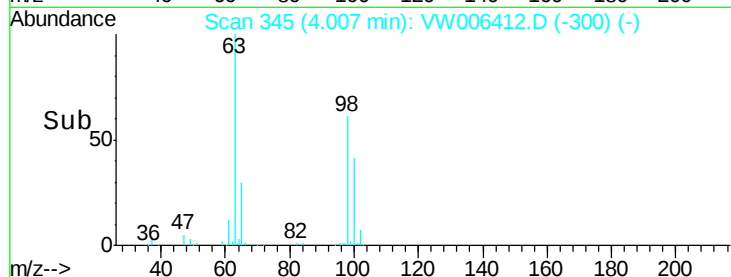
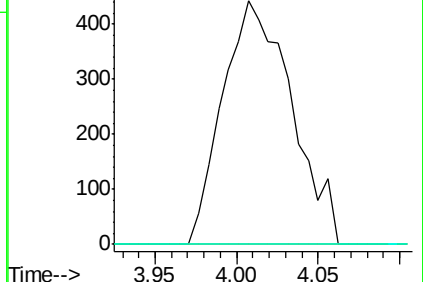
151 0.0 68.7 103.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 24.014 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006412.D

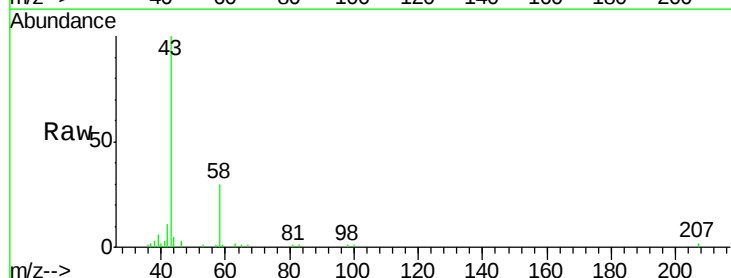
Acq: 26 Oct 2018 18:04

Tgt Ion: 43 Resp: 32017

Ion Ratio Lower Upper

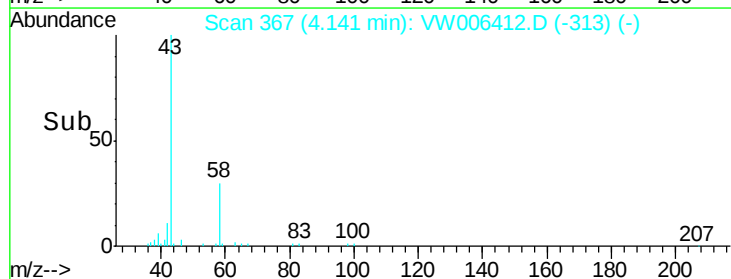
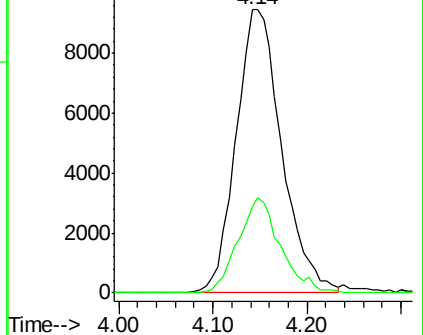
43 100

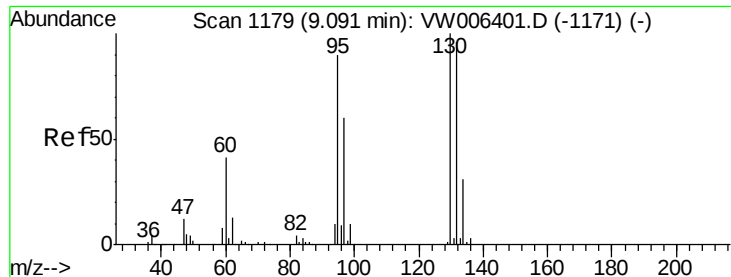
58 29.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#35

Trichloroethene

Concen: 2.130 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006412.D

Acq: 26 Oct 2018 18:04

Instrument :

MSVOA_W

ClientSampleId :

A40J3

Tgt Ion: 95 Resp: 10077

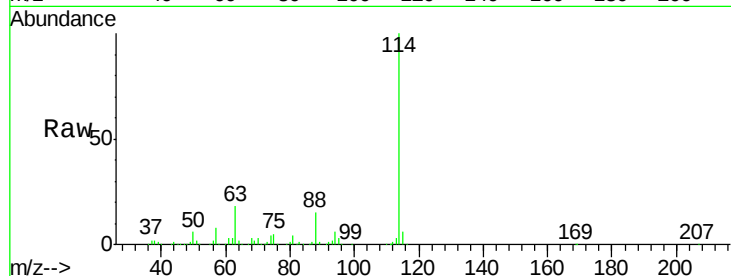
Ion Ratio Lower Upper

95 100

97 0.4 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

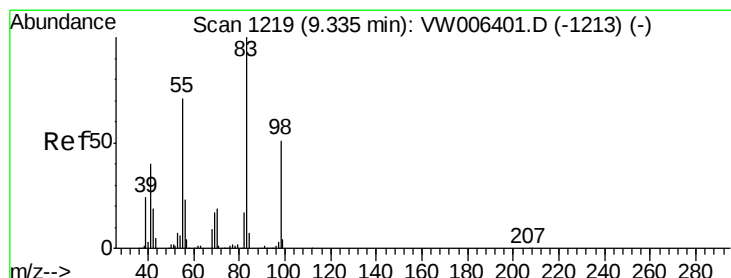
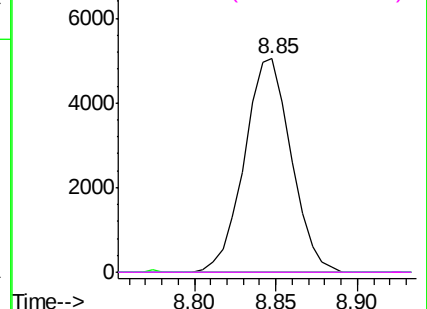
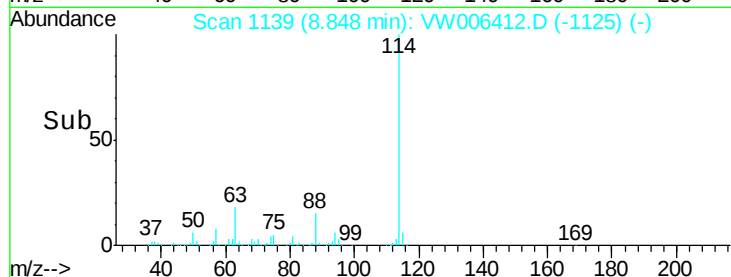


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.216 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW006412.D

Acq: 26 Oct 2018 18:04

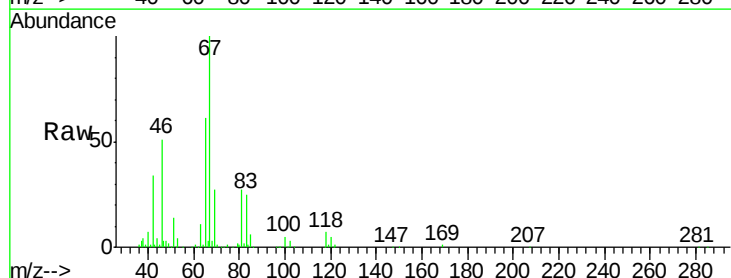
Tgt Ion: 83 Resp: 27884

Ion Ratio Lower Upper

83 100

55 0.4 57.1 85.7#

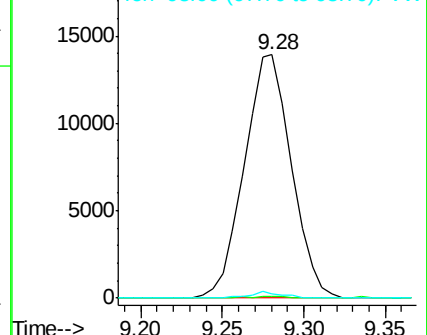
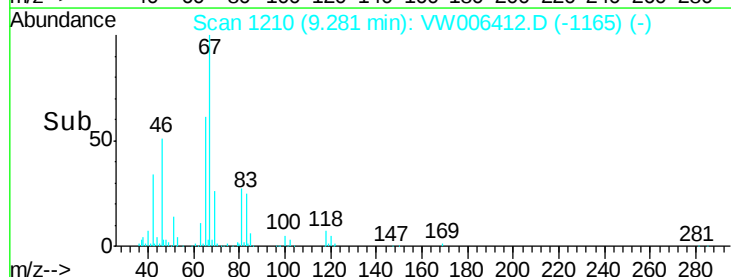
98 1.5 38.9 58.3#

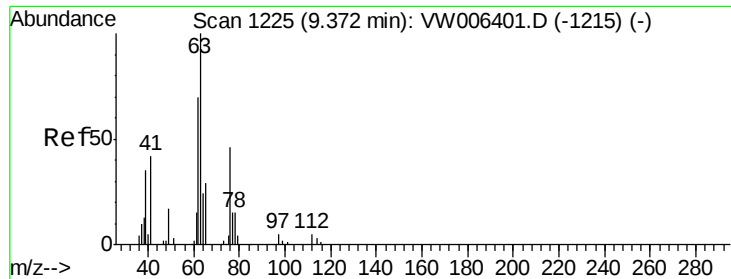


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

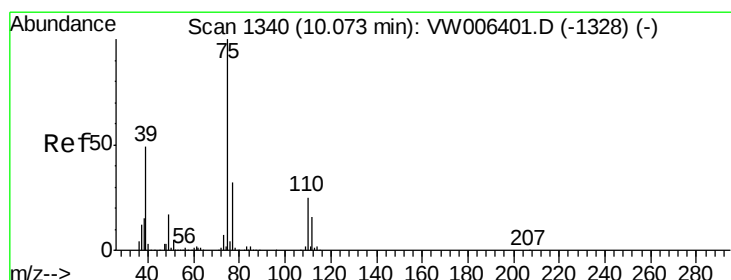
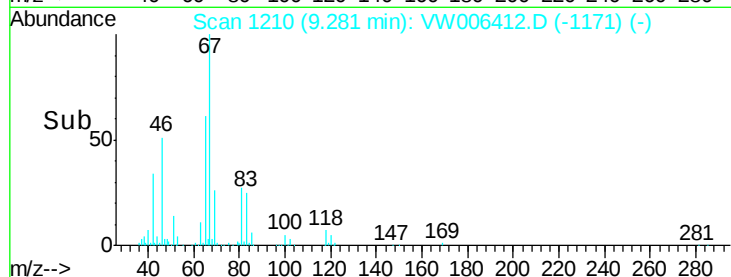
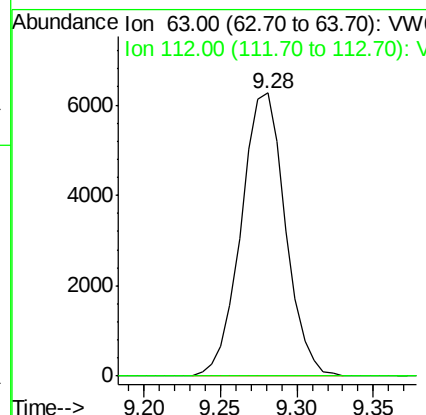
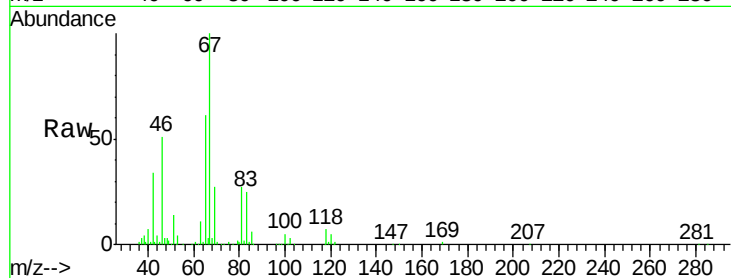




#40
 1,2-Dichloropropane
 Concen: 3.017 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW006412.D
 Acq: 26 Oct 2018 18:04

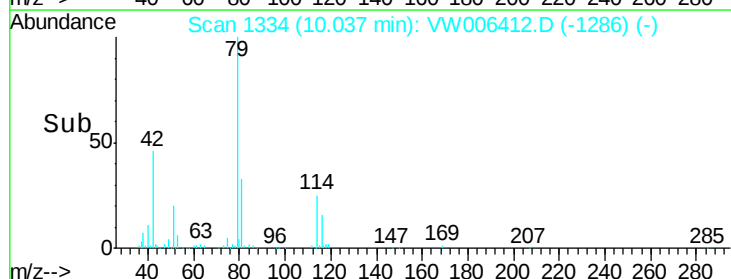
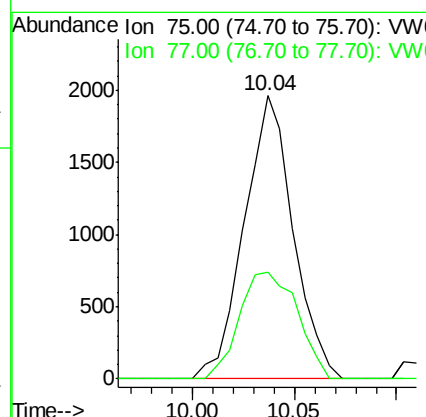
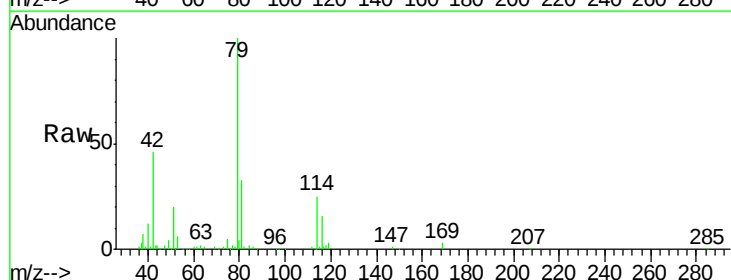
Instrument :
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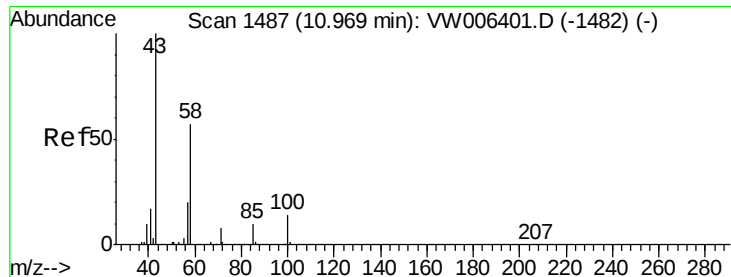
Tgt Ion: 63 Resp: 12587
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#42
 cis-1,3-Dichloropropene
 Concen: 0.480 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006412.D
 Acq: 26 Oct 2018 18:04

Tgt Ion: 75 Resp: 3268
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.6 42.0





#49

2-Hexanone

Concen: 2.462 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006412.D

Acq: 26 Oct 2018 18:04

Instrument :

MSVOA_W

ClientSampleId :

A40J3

Tgt Ion: 43 Resp: 6066

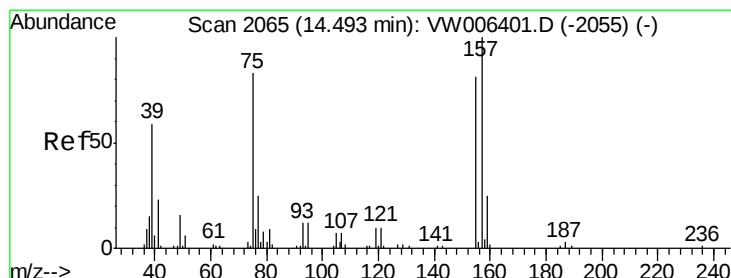
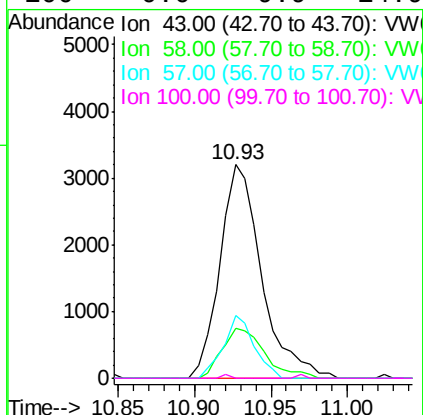
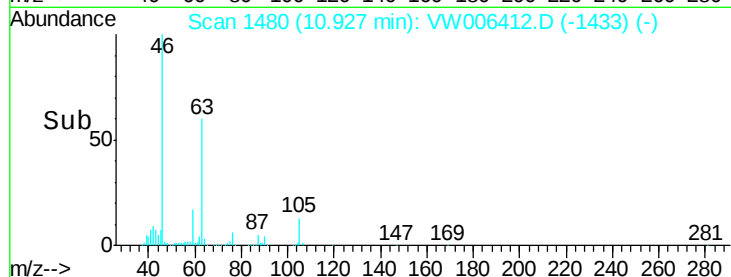
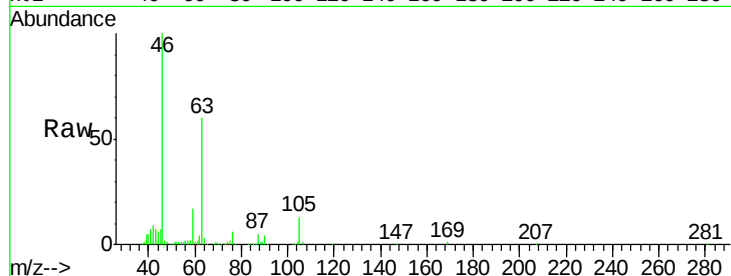
Ion Ratio Lower Upper

43 100

58 23.6 42.1 63.1#

57 21.9 15.1 22.7

100 0.0 9.9 14.9#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.904 ug/L

RT: 14.40 min Scan# 2050

Delta R.T. -0.09 min

Lab File: VW006412.D

Acq: 26 Oct 2018 18:04

Tgt Ion: 75 Resp: 1441

Ion Ratio Lower Upper

75 100

157 0.0 106.8 160.2#

155 33.0 79.2 118.8#

