

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014336.D
 Acq On : 12 Dec 2019 19:40
 Operator : SY/VA
 Sample : K6254-10
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C31

Quant Time: Dec 13 06:11:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	950824	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	677861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	167057	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	337783	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
7) Chloroethane-d5	2.89	69	289670	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.24%
10) 1,1-Dichloroethene-d2	4.01	63	446173	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.07	46	192183	51.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.44%
24) Chloroform-d	7.64	84	688017	28.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.68%
26) 1,2-Dichloroethane-d4	8.30	65	339319	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.27	84	1442852	36.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.28%#
33) 1,2-Dichloropropane-d6	9.27	67	469314	38.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	153.60%#
37) Toluene-d8	10.32	98	1095891	30.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.04%
38) trans-1,3-Dichloropropene-	10.57	79	111755	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.16%
39) 2-Hexanone-d5	10.92	63	137013	56.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	312615	31.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	236021	36.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	147.88%#

Target Compounds

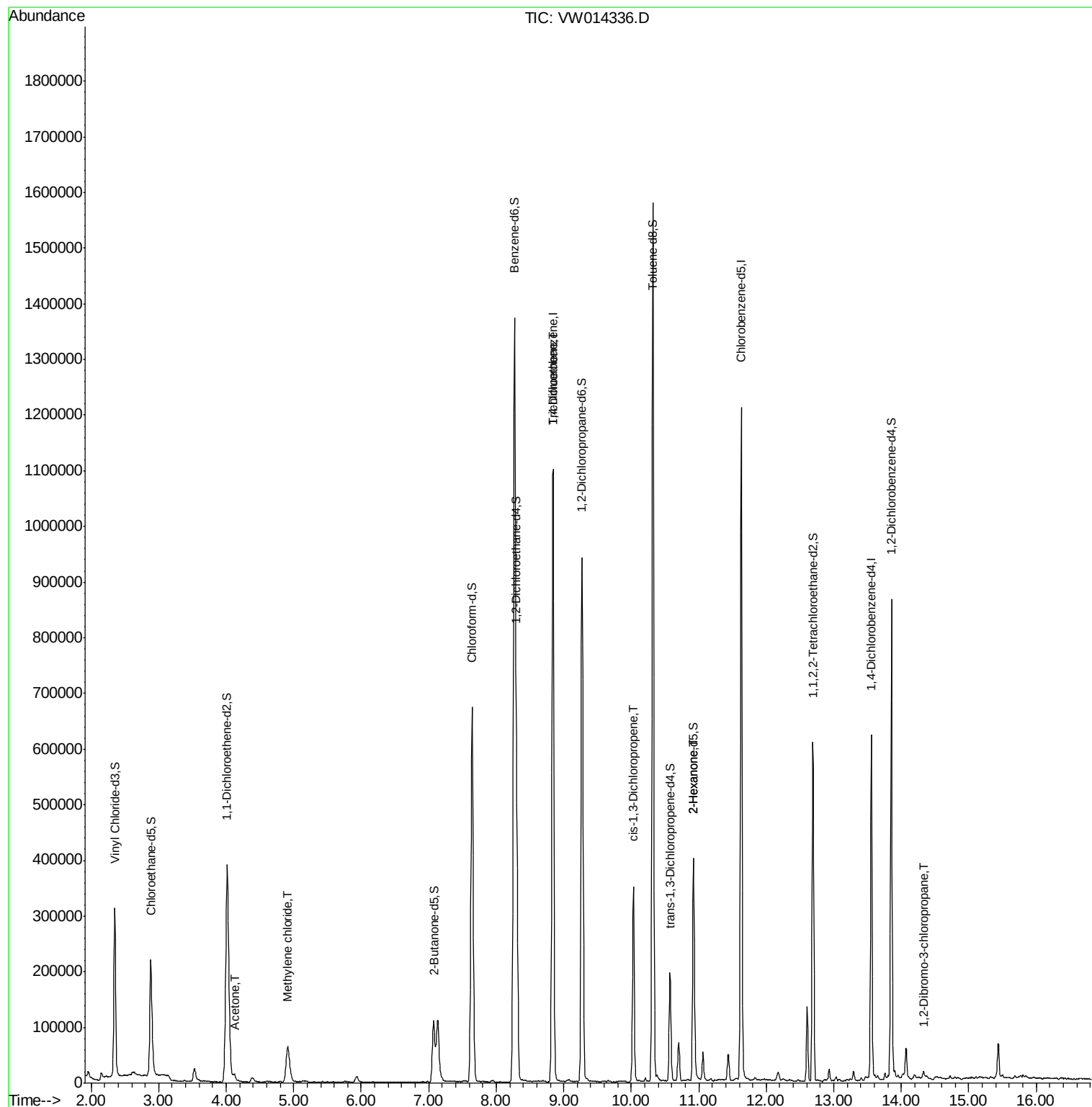
					Ovalue
13) Acetone	4.12	43	20221	5.590 ug/L	93
16) Methylene chloride	4.92	84	58009	3.980 ug/L	97
35) Trichloroethene	8.84	95	26923	2.452 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	7791	0.472 ug/L	83
49) 2-Hexanone	10.92	43	19346	3.737 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.33	75	1159	1.439 ug/L #	1

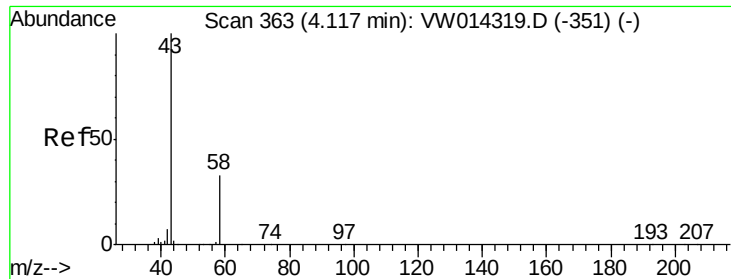
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:08:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.590 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014336.D

Acq: 12 Dec 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

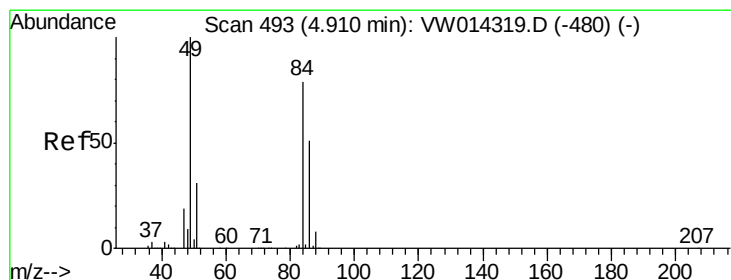
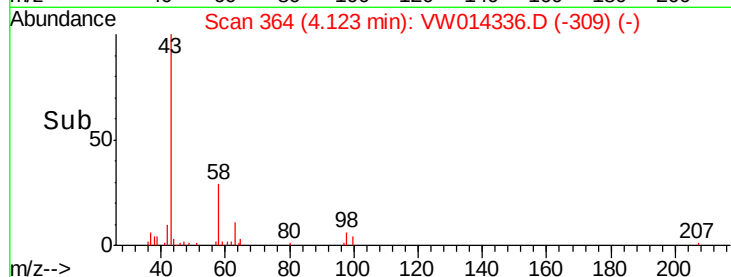
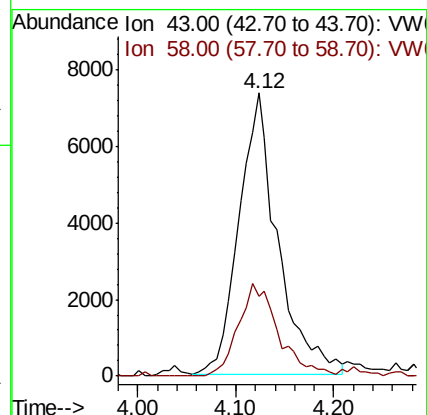
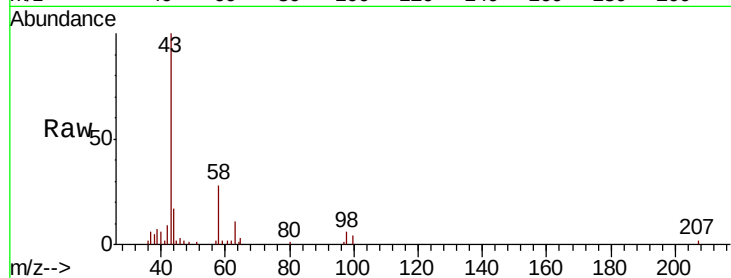
C0C31

Tot Ion: 43 Resp: 20221

Ion Ratio Lower Upper

43 100

58 29.0 0.0 65.4



#16

Methylene chloride

Concen: 3.980 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014336.D

Acq: 12 Dec 2019 19:40

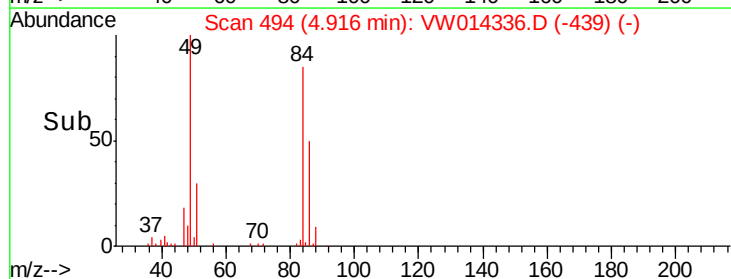
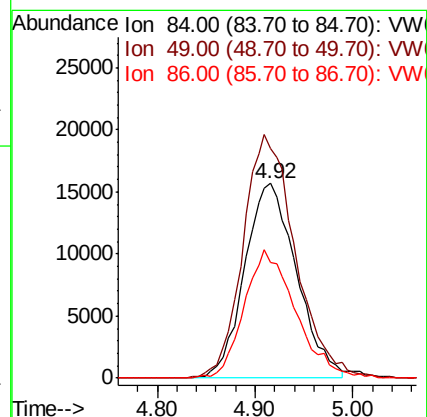
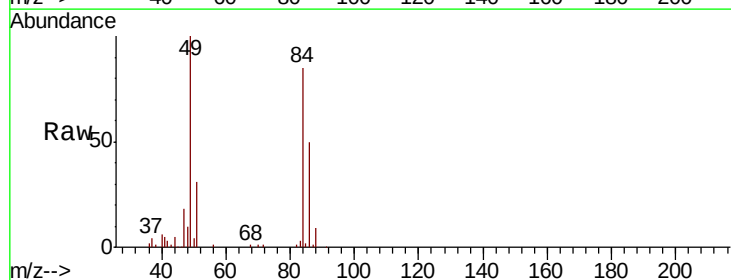
Tgt Ion: 84 Resp: 58009

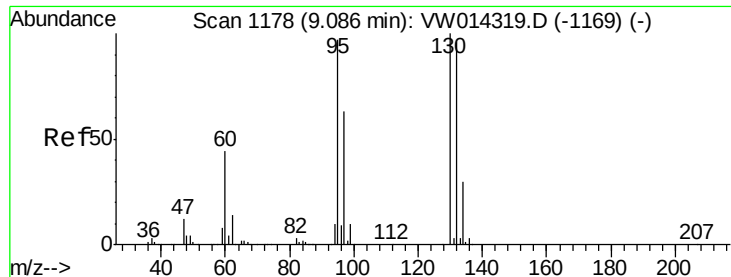
Ion Ratio Lower Upper

84 100

49 118.1 84.2 156.4

86 59.5 43.7 81.1





#35

Trichloroethene

Concen: 2.452 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW014336.D

Acq: 12 Dec 2019 19:40

Instrument :

MSVOA_W

ClientSampleId :

C0C31

Tot Ion: 95 Resp: 26923

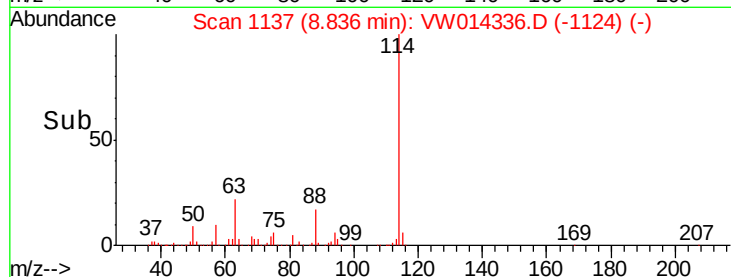
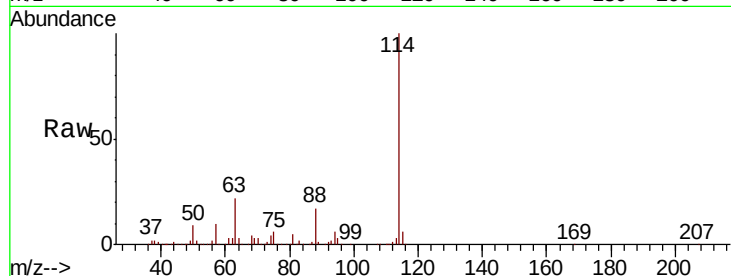
Ion Ratio Lower Upper

95 100

97 0.2 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

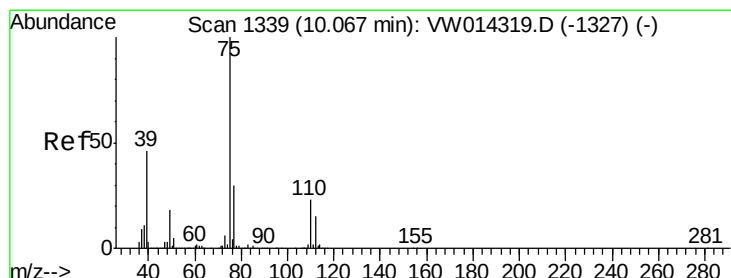
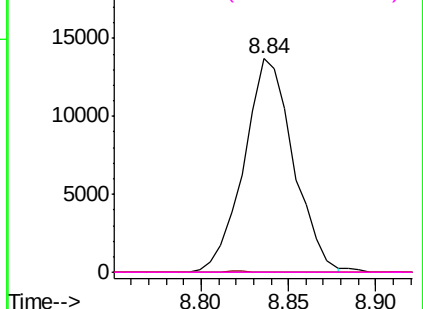


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.472 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014336.D

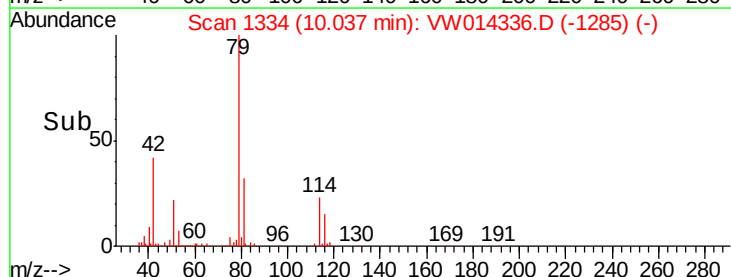
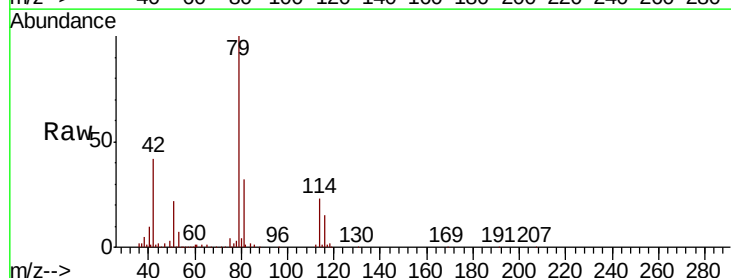
Acq: 12 Dec 2019 19:40

Tgt Ion: 75 Resp: 7791

Ion Ratio Lower Upper

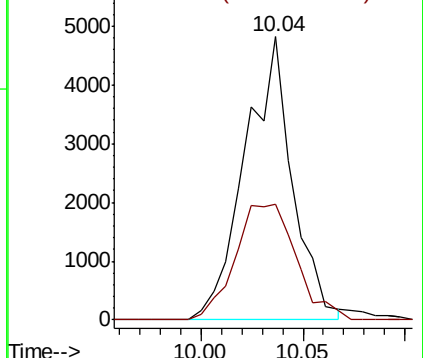
75 100

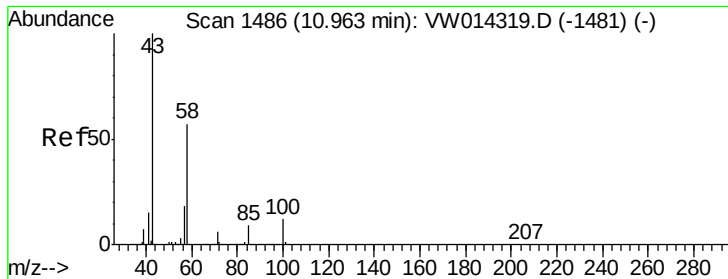
77 41.0 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.737 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014336.D

Acq: 12 Dec 2019 19:40

Instrument :

MSVOA_W

ClientSampled :

C0C31

Tot Ion: 43 Resp: 19346

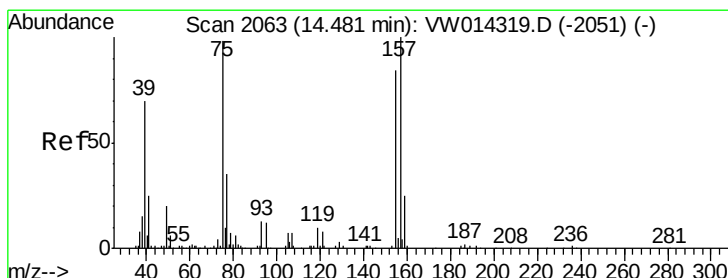
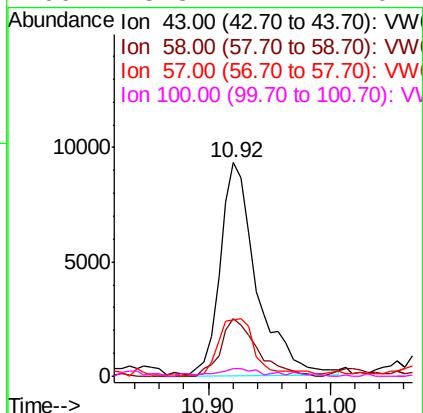
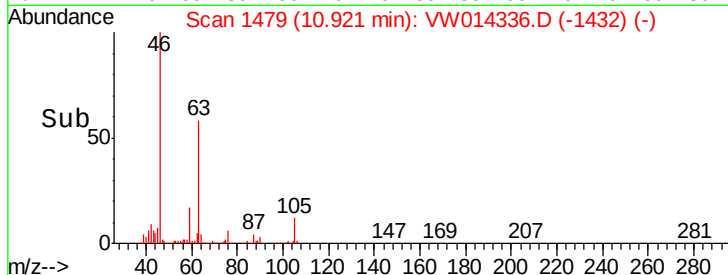
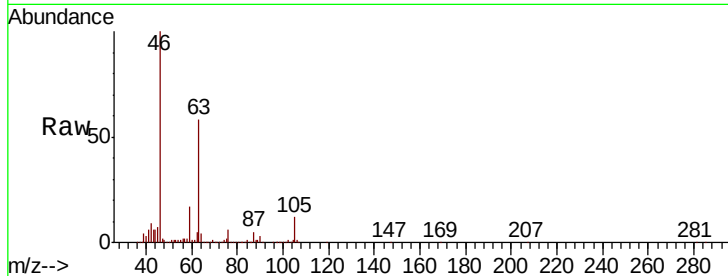
Ion Ratio Lower Upper

43 100

58 26.4 44.4 66.6#

57 26.1 16.5 24.7#

100 3.3 11.1 16.7#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.439 ug/L

RT: 14.33 min Scan# 2038

Delta R.T. -0.15 min

Lab File: VW014336.D

Acq: 12 Dec 2019 19:40

Tgt Ion: 75 Resp: 1159

Ion Ratio Lower Upper

75 100

157 0.0 96.9 145.3#

155 0.0 82.9 124.3#

