

Data File : VW011382.D
Acq On : 19 Jul 2019 17:09
Operator : SY/VA
Sample : K3863-12
Misc : 5.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F2

Quant Time: Jul 20 00:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 00:46:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	22442	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	19169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	4821	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	4331	12.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.56%
7) Chloroethane-d5	2.89	69	5411	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
10) 1,1-Dichloroethene-d2	4.02	63	8899	12.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.04%
20) 2-Butanone-d5	7.08	46	2692	19.94	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.88%
24) Chloroform-d	7.65	84	14115	22.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	8.31	65	10252	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.27	84	25226	21.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.44%
33) 1,2-Dichloropropane-d6	9.27	67	9847	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	10.32	98	18369	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.84%
38) trans-1,3-Dichloropropene-	10.58	79	3362	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	10.93	63	4737	53.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9236	29.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	4005	21.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.56%

Target Compounds

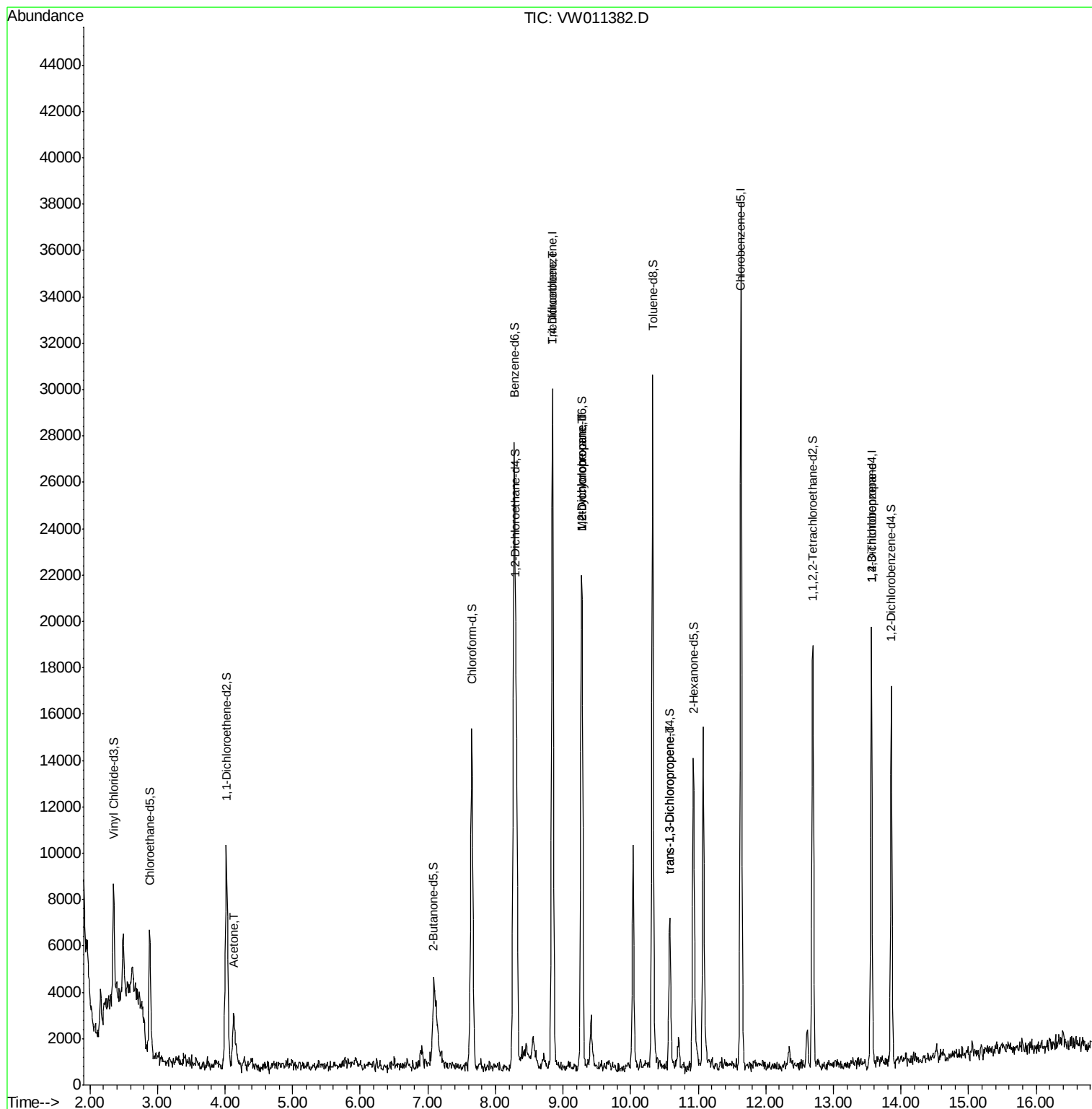
					Qvalue
13) Acetone	4.12	43	4363	33.091 ug/L	90
35) Trichloroethene	8.84	95	816	2.699 ug/L #	6
36) Methylcyclohexane	9.27	83	2143	3.939 ug/L #	14
40) 1,2-Dichloropropane	9.27	63	1181	3.597 ug/L #	88
45) trans-1,3-Dichloropropene	10.57	75	195	0.487 ug/L #	8
59) 1,2,3-Trichloropropane	13.56	75	740	3.186 ug/L #	73

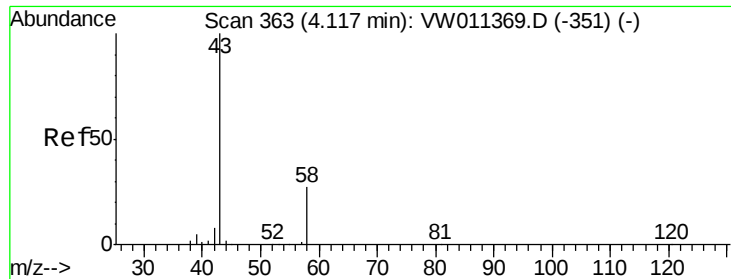
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 33.091 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011382.D

Acq: 19 Jul 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

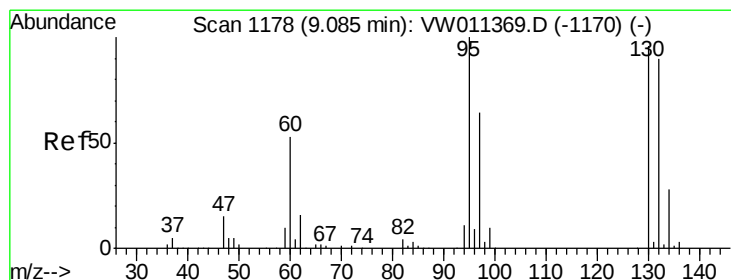
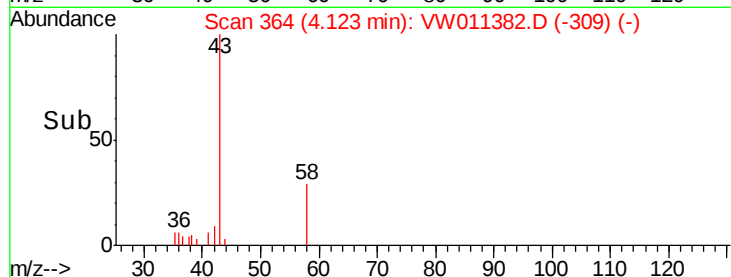
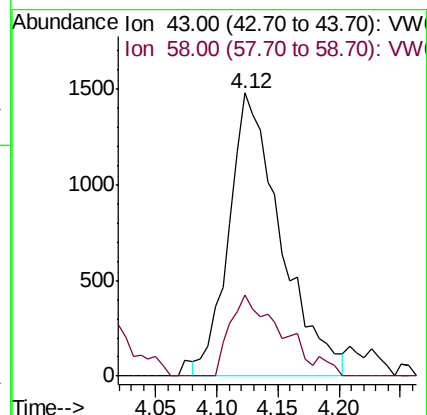
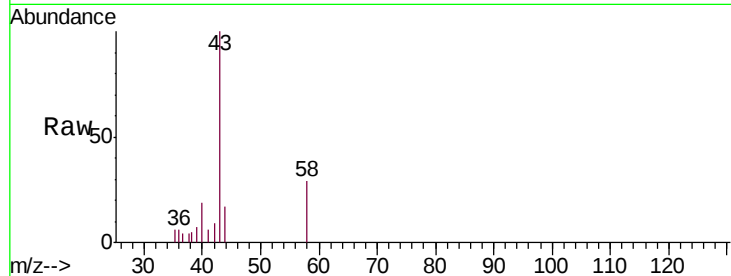
A52F2

Tgt Ion: 43 Resp: 4363

Ion Ratio Lower Upper

43 100

58 22.5 0.0 55.0



#35

Trichloroethene

Concen: 2.699 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW011382.D

Acq: 19 Jul 2019 17:09

Tgt Ion: 95 Resp: 816

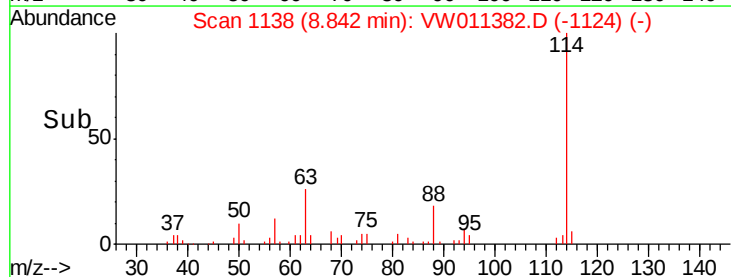
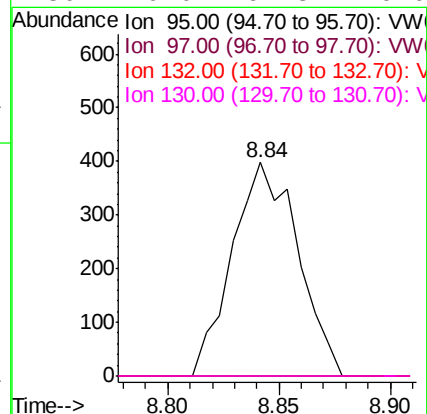
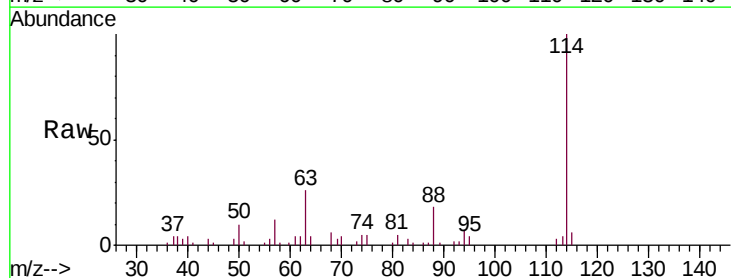
Ion Ratio Lower Upper

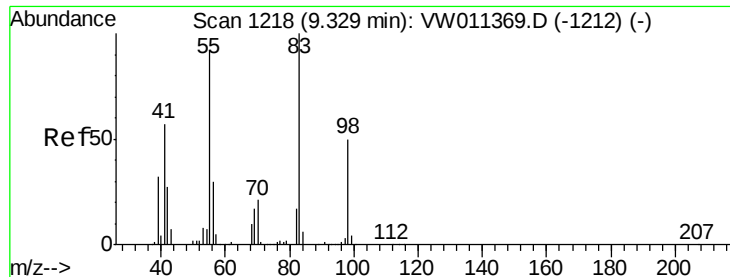
95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#

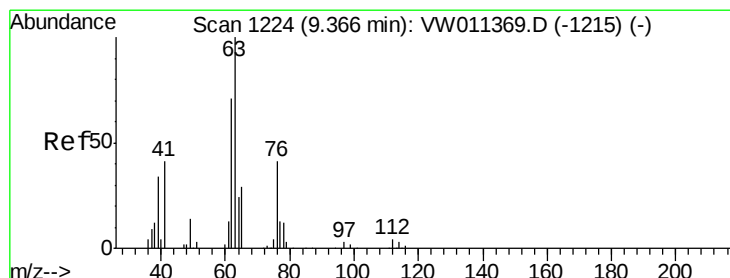
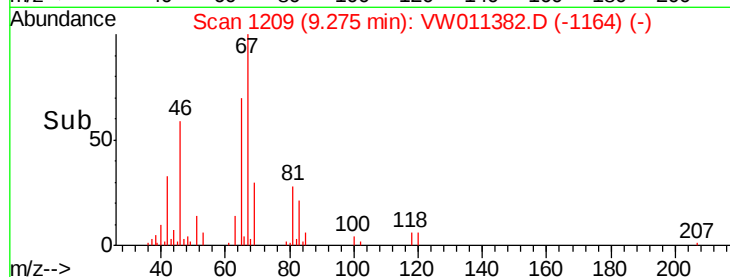
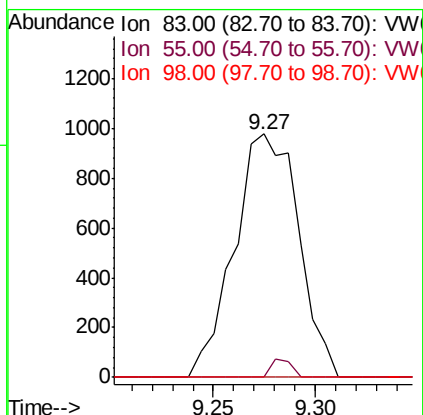
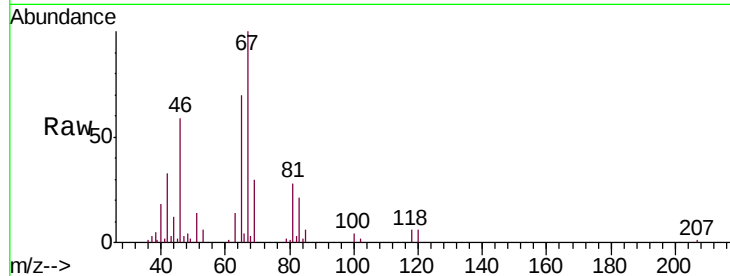




#36
Methylcyclohexane
Concen: 3.939 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW011382.D
Acq: 19 Jul 2019 17:09

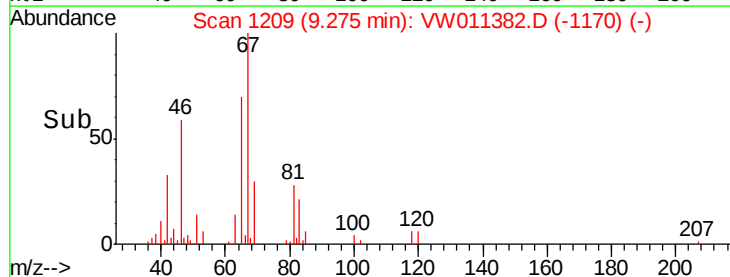
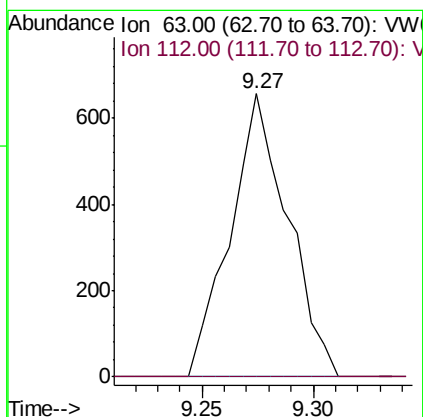
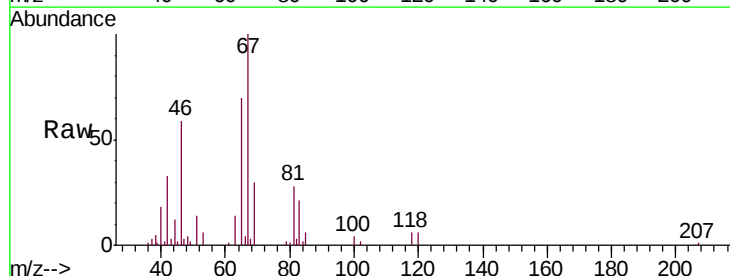
Instrument :
MSVOA_W
ClientSampleId :
A52F2

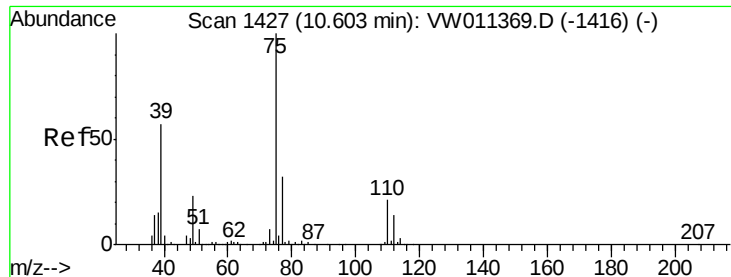
Tgt Ion: 83 Resp: 2143
Ion Ratio Lower Upper
83 100
55 2.3 72.2 108.4#
98 0.0 38.2 57.4#



#40
1,2-Dichloropropane
Concen: 3.597 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW011382.D
Acq: 19 Jul 2019 17:09

Tgt Ion: 63 Resp: 1181
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#45

trans-1,3-Dichloropropene

Concen: 0.487 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW011382.D

Acq: 19 Jul 2019 17:09

Instrument :

MSVOA_W

ClientSampled :

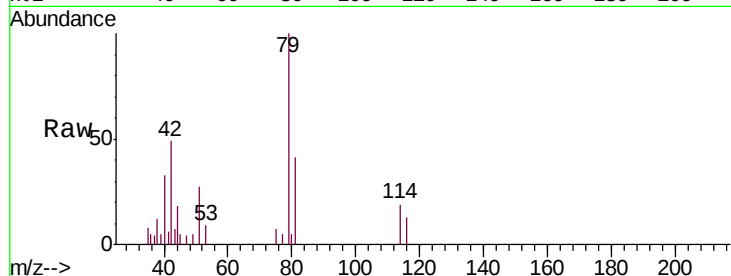
A52F2

Tgt Ion: 75 Resp: 195

Ion Ratio Lower Upper

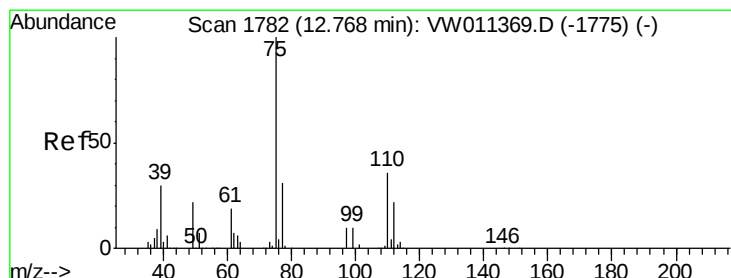
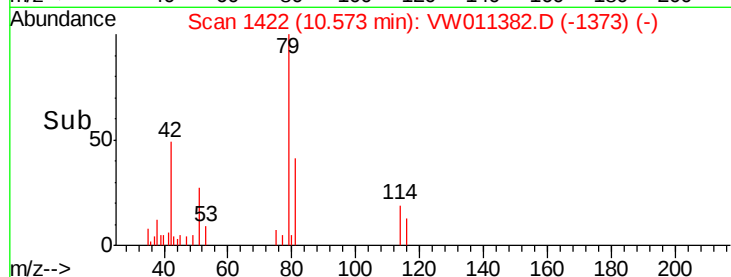
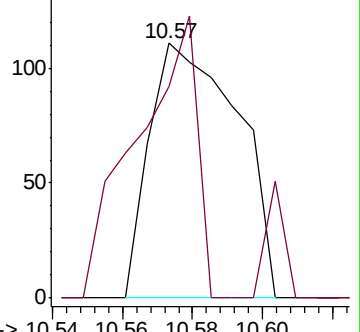
75 100

77 82.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.186 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011382.D

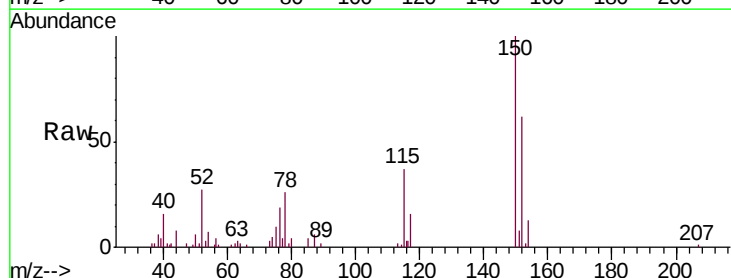
Acq: 19 Jul 2019 17:09

Tgt Ion: 75 Resp: 740

Ion Ratio Lower Upper

75 100

77 46.8 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

