

Data File : VW013969.D
Acq On : 11 Nov 2019 19:45
Operator : SY/VA
Sample : K5784-06
Misc : 4.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNB3

Quant Time: Nov 12 06:14:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 06:10:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	330203	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314496	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161175	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115167	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	2.89	69	100533	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	4.02	63	188487	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.07	46	90754	59.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.60%
24) Chloroform-d	7.65	84	266038	26.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	8.30	65	145025	28.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.64%
29) Benzene-d6	8.27	84	576640	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	9.27	67	176717	27.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.16%
37) Toluene-d8	10.32	98	537764	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.64%
38) trans-1,3-Dichloropropene-	10.57	79	71204	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.76%
39) 2-Hexanone-d5	10.92	63	73024	58.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142550	28.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	175604	27.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.48%

Target Compounds

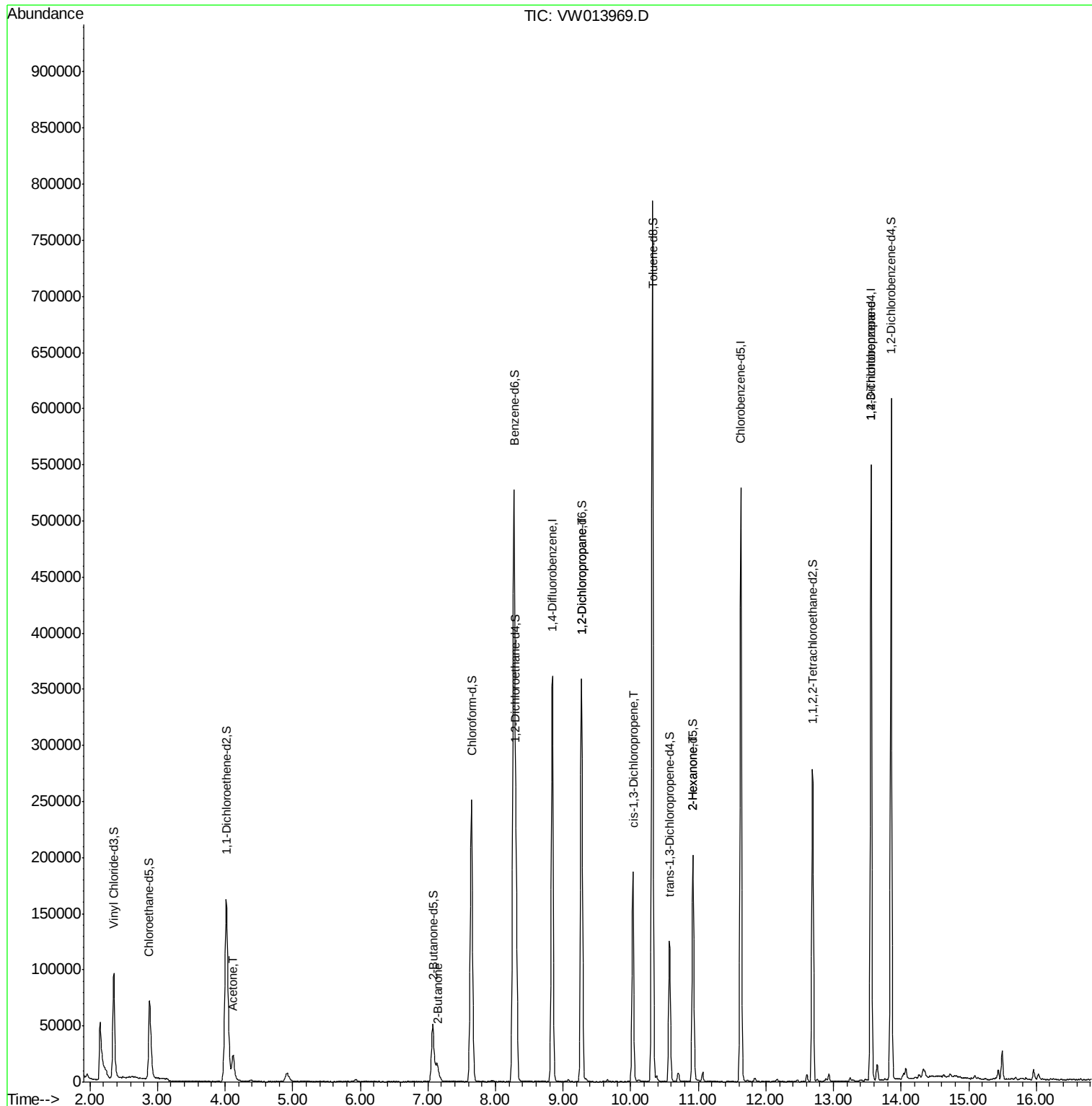
					Qvalue
13) Acetone	4.12	43	41930	26.923 ug/L	99
21) 2-Butanone	7.16	43	4636	2.317 ug/L	99
40) 1,2-Dichloropropane	9.27	63	17944	3.231 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	4256	0.486 ug/L #	82
49) 2-Hexanone	10.92	43	8053	3.046 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	17510	4.887 ug/L	97

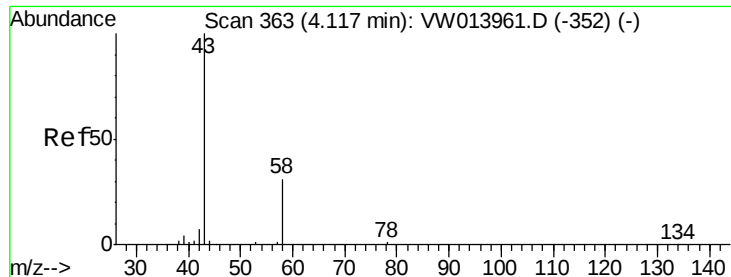
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.923 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 11 Nov 2019 19:45

Instrument :

MSVOA_W

ClientSampled :

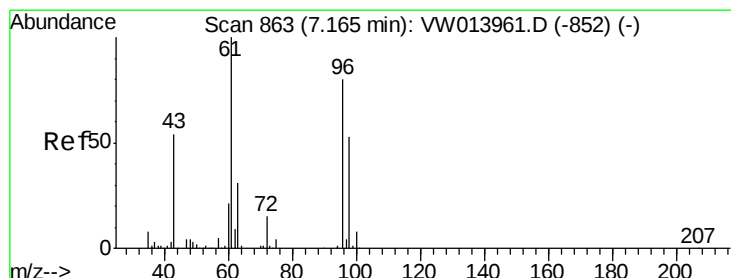
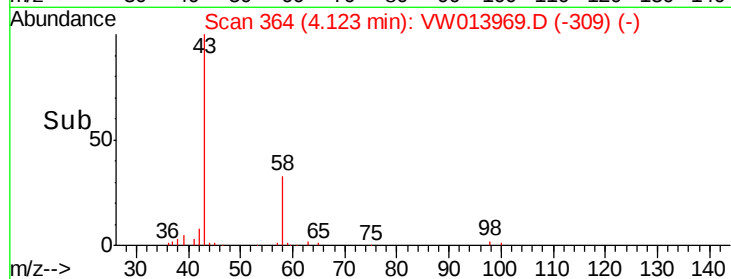
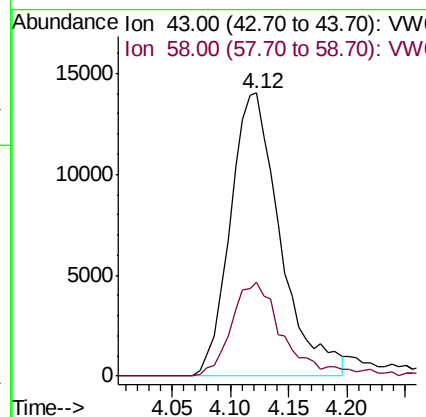
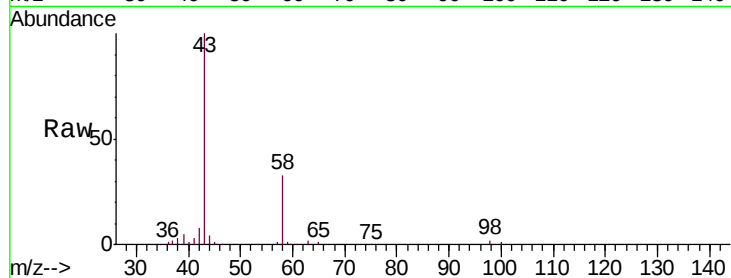
JLNB3

Tgt Ion: 43 Resp: 41930

Ion Ratio Lower Upper

43 100

58 32.3 0.0 65.4



#21

2-Butanone

Concen: 2.317 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

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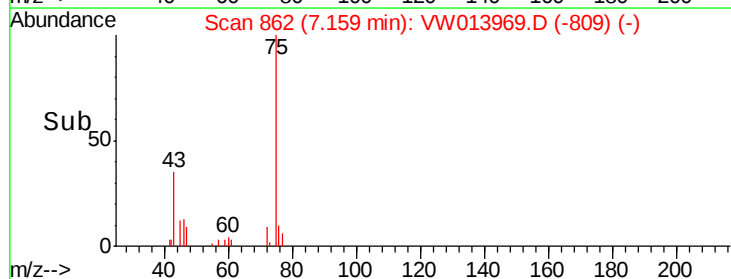
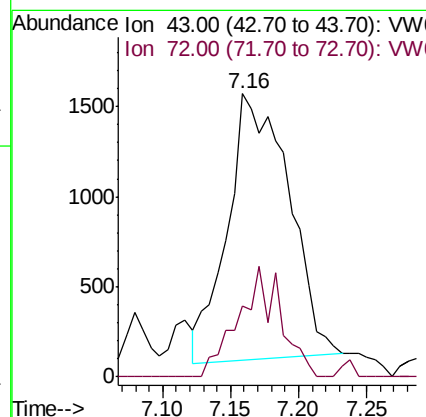
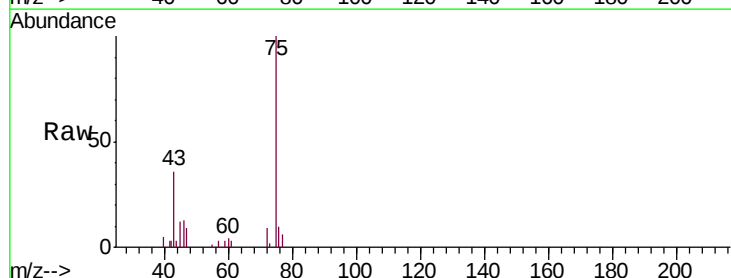
Acq: 11 Nov 2019 19:45

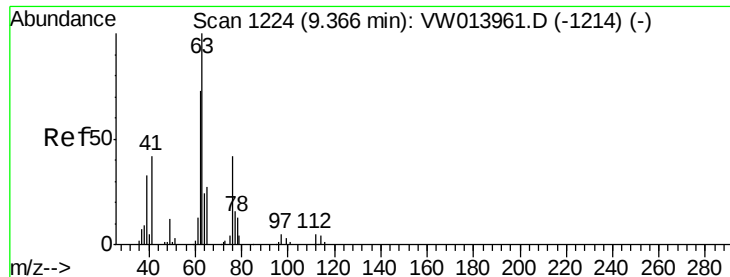
Tgt Ion: 43 Resp: 4636

Ion Ratio Lower Upper

43 100

72 28.6 14.1 42.2





#40

1,2-Dichloropropane

Concen: 3.231 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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Instrument :

MSVOA_W

ClientSampleId :

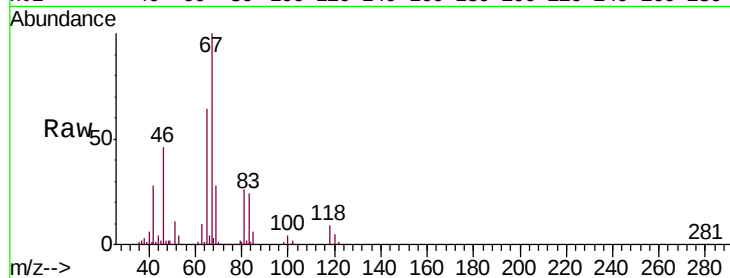
JLNB3

Tgt Ion: 63 Resp: 17944

Ion Ratio Lower Upper

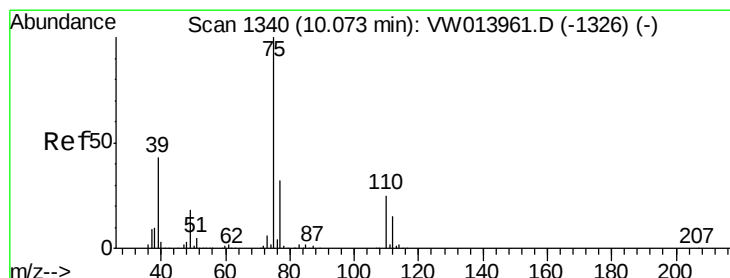
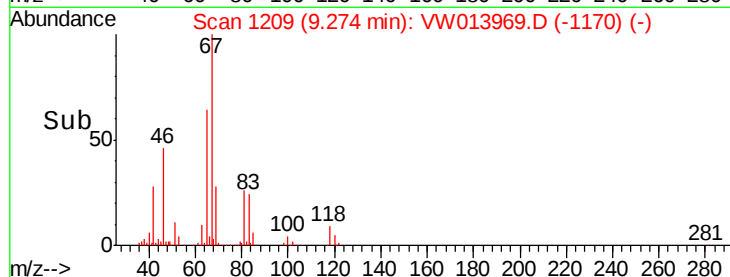
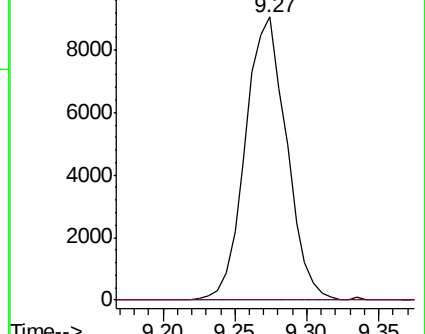
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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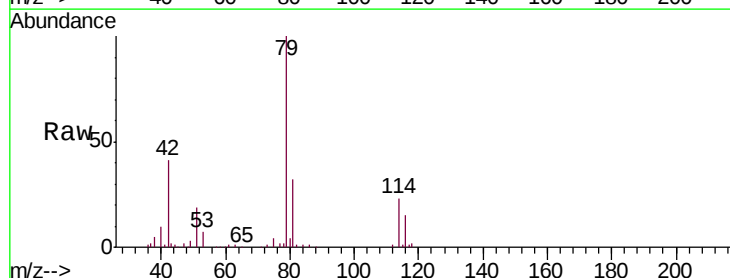
Acq: 11 Nov 2019 19:45

Tgt Ion: 75 Resp: 4256

Ion Ratio Lower Upper

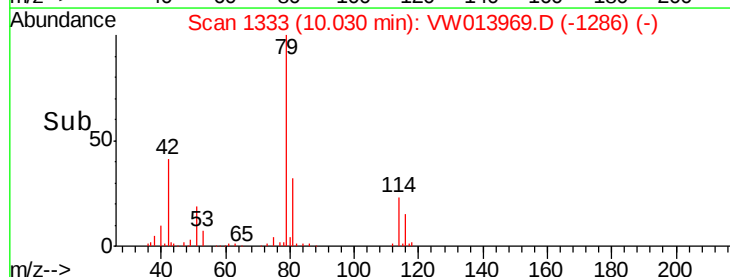
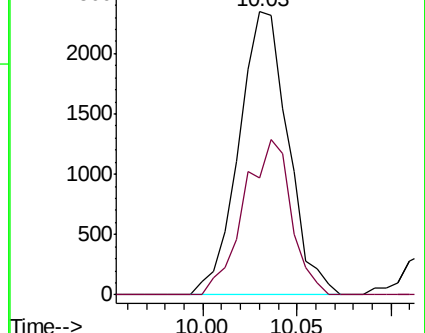
75 100

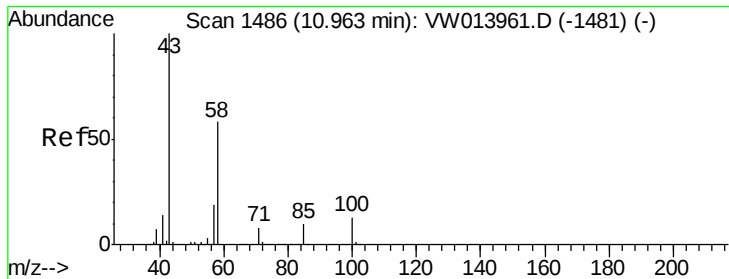
77 41.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.046 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW013969.D

Acq: 11 Nov 2019 19:45

Instrument :

MSVOA_W

ClientSampleId :

JLNB3

Tgt Ion: 43 Resp: 8053

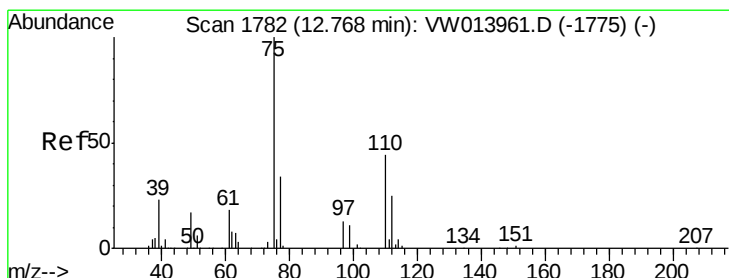
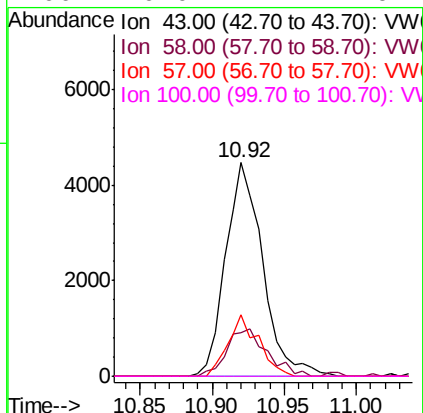
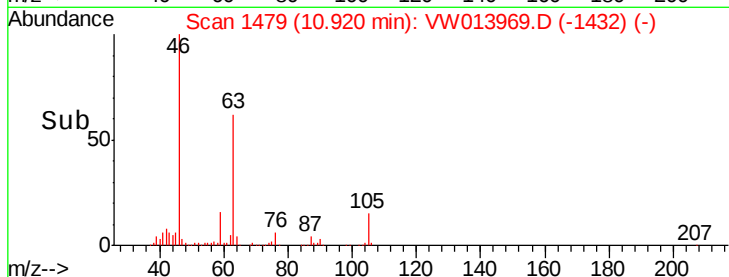
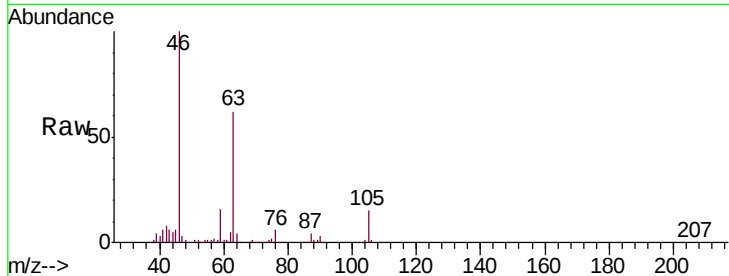
Ion Ratio Lower Upper

43 100

58 24.1 44.4 66.6#

57 23.9 16.5 24.7

100 0.0 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 4.887 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013969.D

Acq: 11 Nov 2019 19:45

Tgt Ion: 75 Resp: 17510

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9

