

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009786.D
 Acq On : 06 Apr 2019 22:57
 Operator : SY/VA
 Sample : K2217-04
 Misc : 3.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF615

Quant Time: Apr 07 05:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	401589	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347271	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117425	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	144950	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
7) Chloroethane-d5	2.89	69	138476	28.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.04%
10) 1,1-Dichloroethene-d2	4.01	63	251260	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.92%
20) 2-Butanone-d5	7.07	46	106126	62.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.40%
24) Chloroform-d	7.65	84	343463	31.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.36%
26) 1,2-Dichloroethane-d4	8.43	65	159	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	630817	34.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.40%#
33) 1,2-Dichloropropane-d6	9.27	67	199796	35.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.92%#
37) Toluene-d8	10.32	98	533237	31.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	126.56%
38) trans-1,3-Dichloropropene-	10.58	79	73705	27.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.80%
39) 2-Hexanone-d5	10.93	63	65856	62.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172463	32.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	136183	33.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	132.20%#

Target Compounds

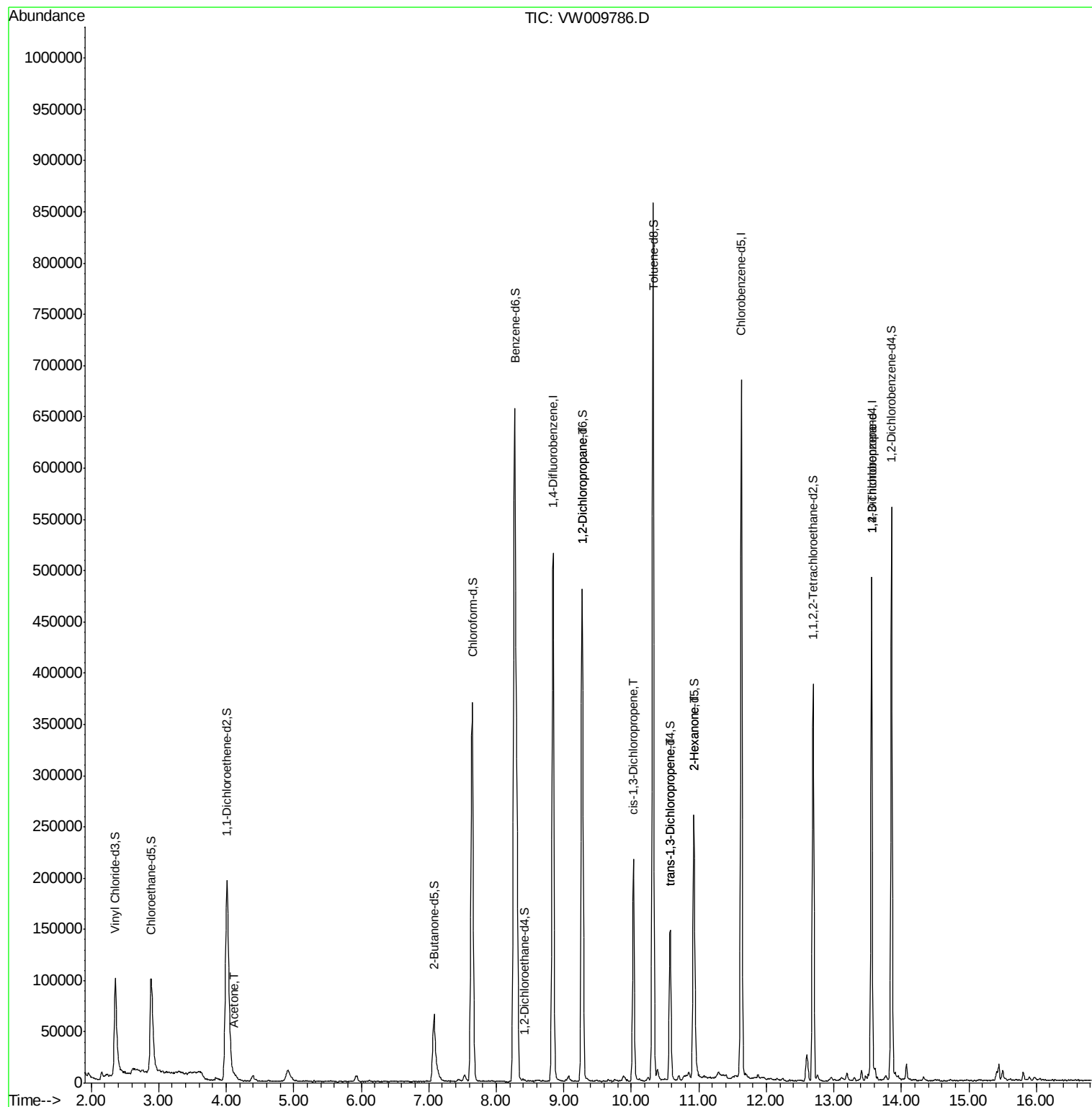
					Qvalue
13) Acetone	4.12	43	5951	3.255 ug/L	87
40) 1,2-Dichloropropane	9.27	63	25512	4.770 ug/L #	87
42) cis-1,3-Dichloropropene	10.03	75	6359	0.767 ug/L #	46
45) trans-1,3-Dichloropropene	10.58	75	4018	0.562 ug/L #	81
49) 2-Hexanone	10.93	43	15515	5.015 ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	16398	4.081 ug/L	92

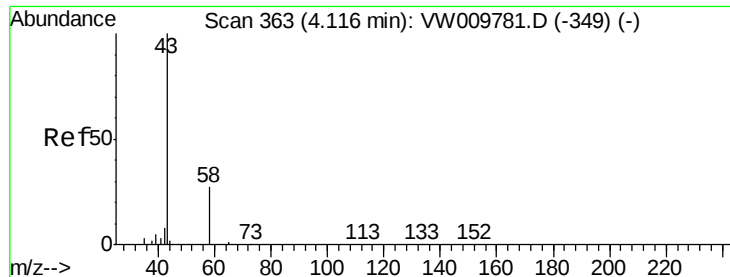
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.255 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

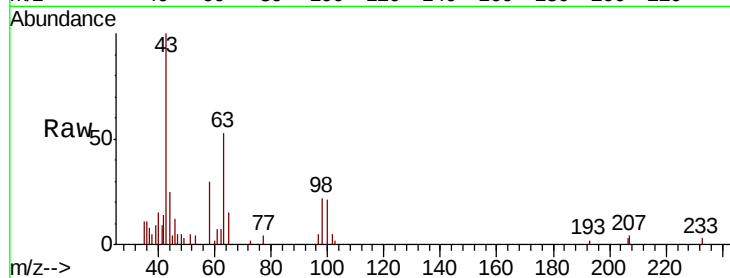
BF615

Tgt Ion: 43 Resp: 5951

Ion Ratio Lower Upper

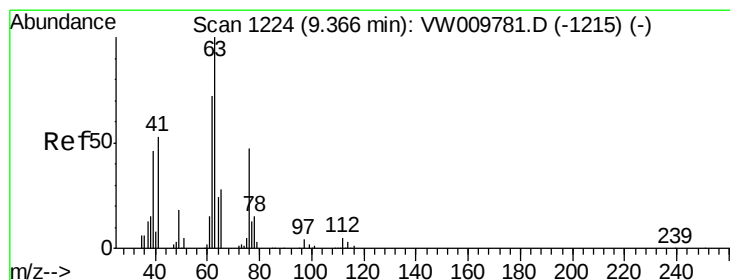
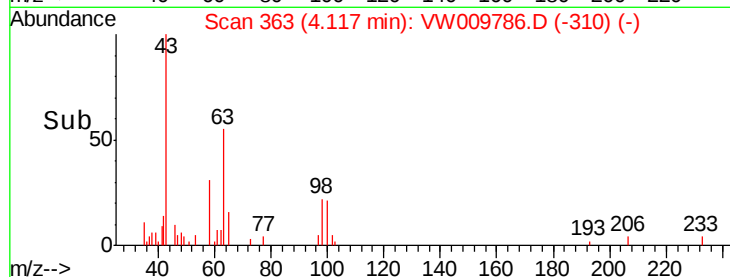
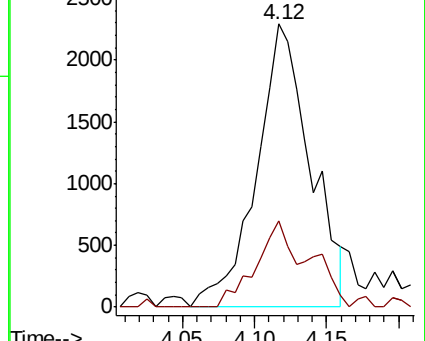
43 100

58 19.9 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 4.770 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW009786.D

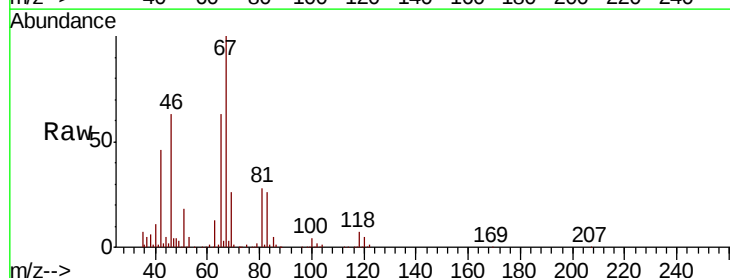
Acq: 06 Apr 2019 22:57

Tgt Ion: 63 Resp: 25512

Ion Ratio Lower Upper

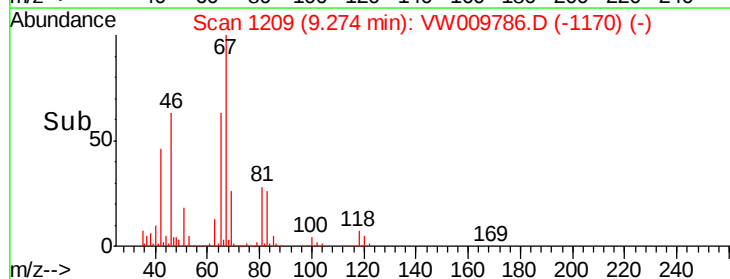
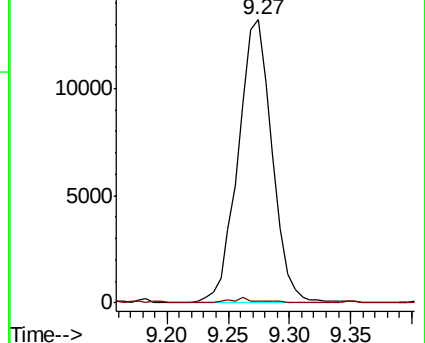
63 100

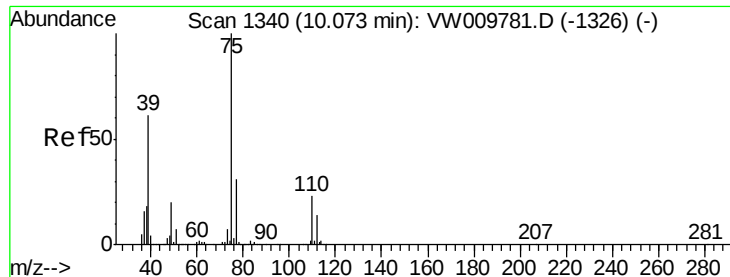
112 0.5 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.767 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

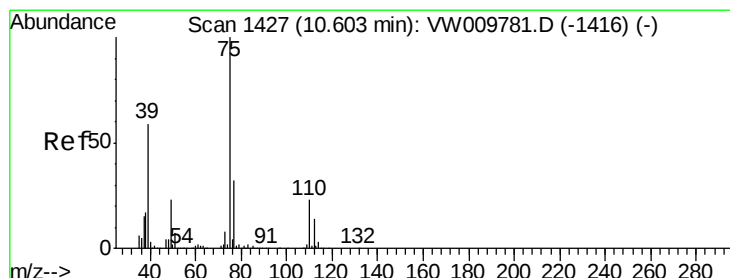
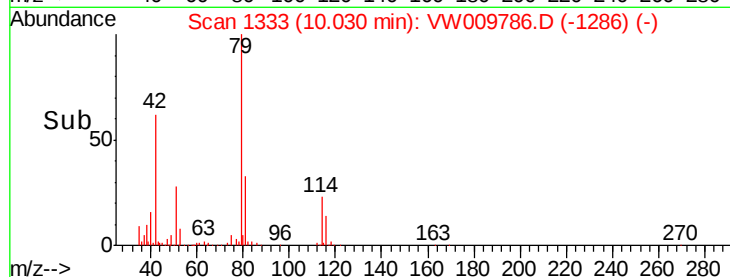
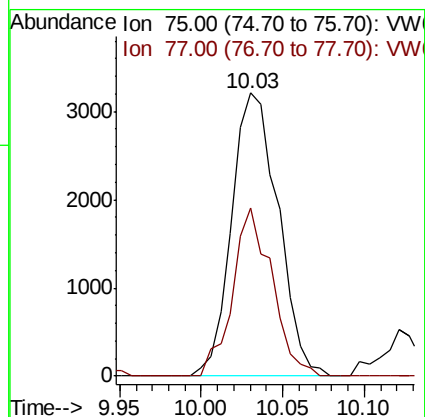
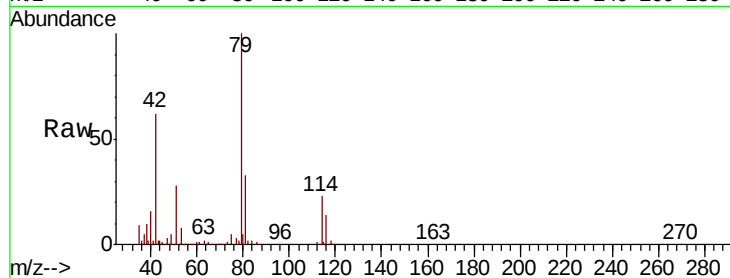
BF615

Tgt Ion: 75 Resp: 6359

Ion Ratio Lower Upper

75 100

77 59.3 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009786.D

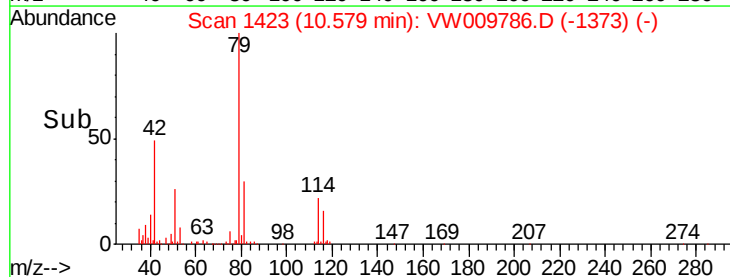
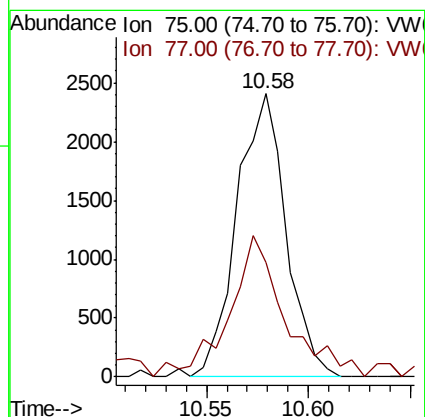
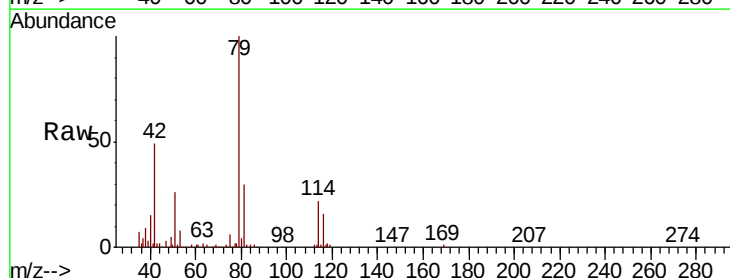
Acq: 06 Apr 2019 22:57

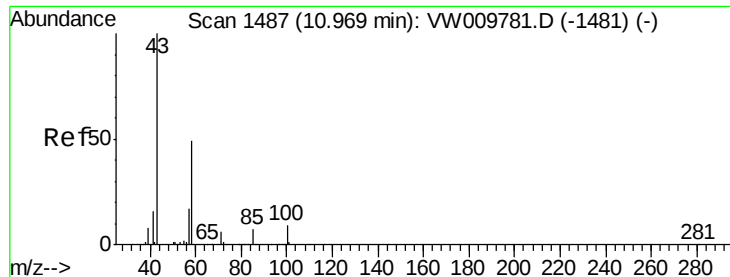
Tgt Ion: 75 Resp: 4018

Ion Ratio Lower Upper

75 100

77 40.4 21.1 39.3#





#49

2-Hexanone

Concen: 5.015 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009786.D

Acq: 06 Apr 2019 22:57

Instrument :

MSVOA_W

ClientSampleId :

BF615

Tgt Ion: 43 Resp: 15515

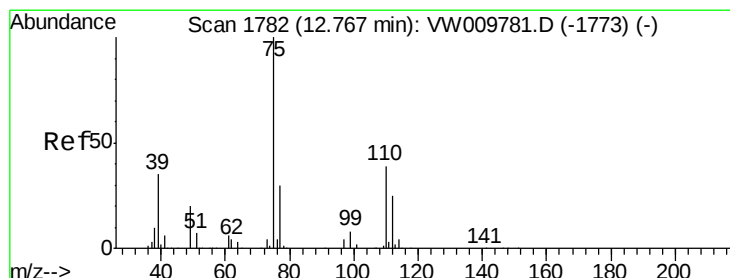
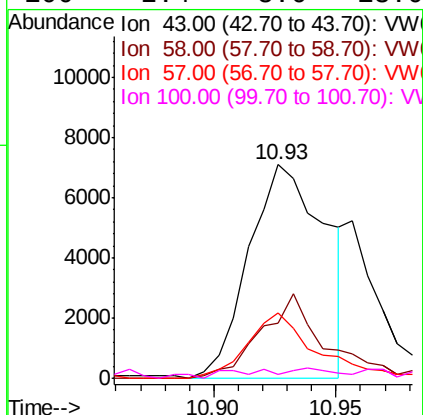
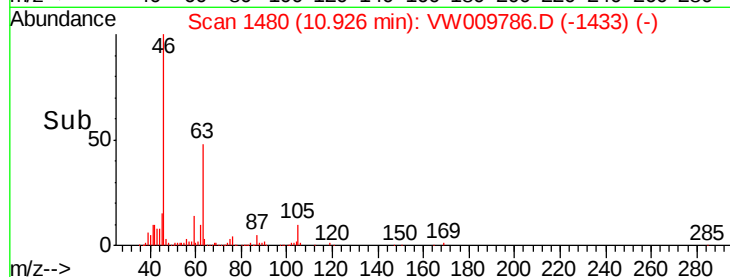
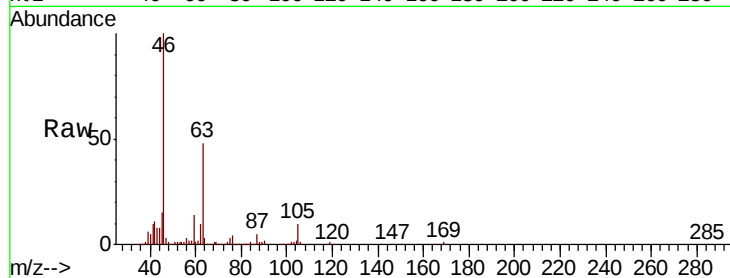
Ion Ratio Lower Upper

43 100

58 32.7 38.9 58.3#

57 27.4 13.8 20.6#

100 2.4 8.6 13.0#



#59

1,2,3-Trichloropropane

Concen: 4.081 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009786.D

Acq: 06 Apr 2019 22:57

Tgt Ion: 75 Resp: 16398

Ion Ratio Lower Upper

75 100

77 37.2 26.2 39.2

