

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014048.D
 Acq On : 15 Nov 2019 18:25
 Operator : SY/VA
 Sample : K5810-10
 Misc : 4.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 04:09:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	302362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236975	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115120	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
7) Chloroethane-d5	2.89	69	102763	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.12%
10) 1,1-Dichloroethene-d2	4.15	63	153	0.02	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.07	46	71343	50.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.82%
24) Chloroform-d	7.65	84	264316	28.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.72%
26) 1,2-Dichloroethane-d4	8.31	65	137464	29.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.64%
29) Benzene-d6	8.27	84	543009	32.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.20%
33) 1,2-Dichloropropane-d6	9.27	67	168565	34.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.88%#
37) Toluene-d8	10.32	98	459123	28.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.16%
38) trans-1,3-Dichloropropene-	10.57	79	52900	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.32%
39) 2-Hexanone-d5	10.92	63	51012	54.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107997	29.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	78241	27.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.08%

Target Compounds

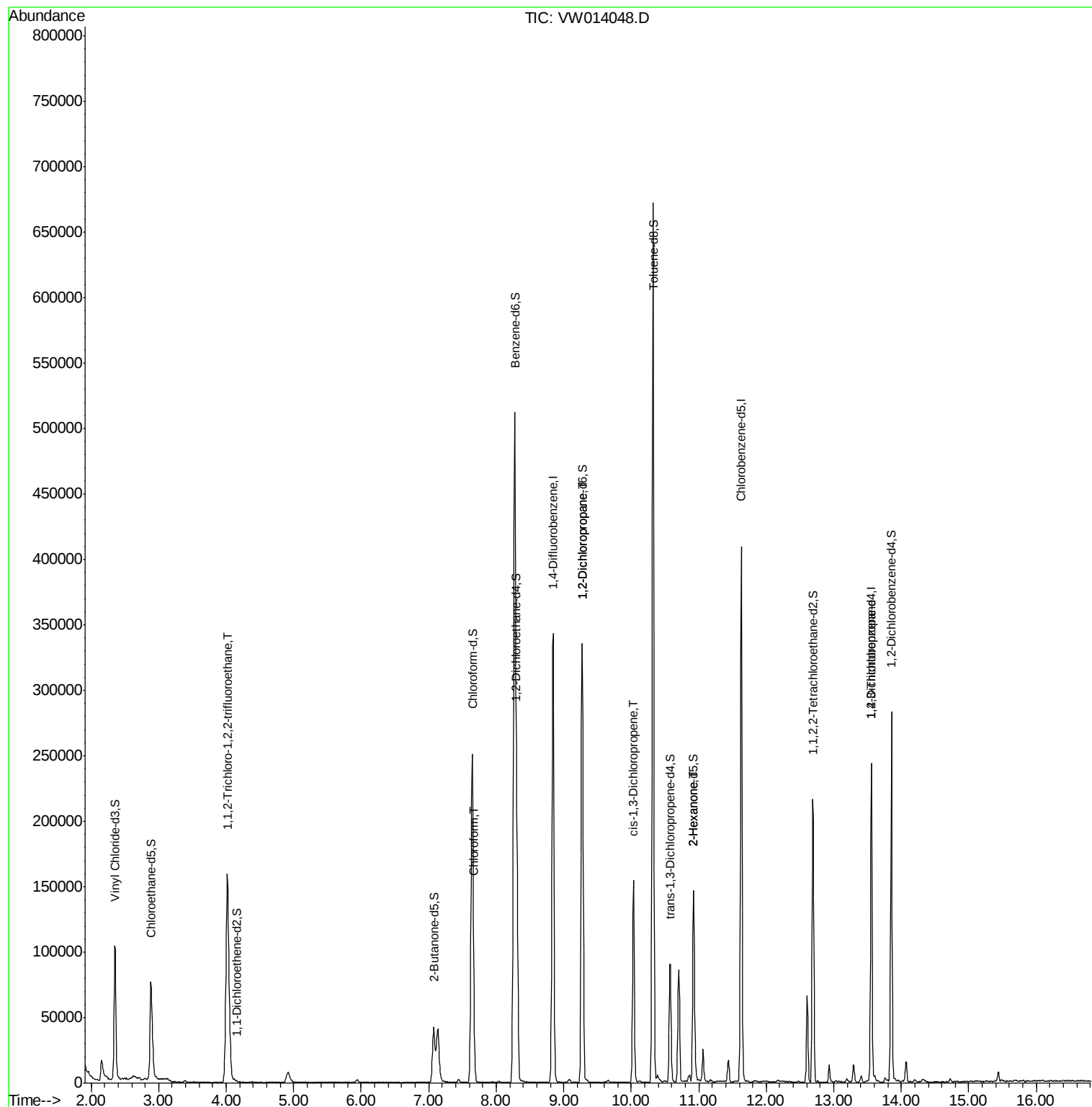
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	2030	0.404 ug/L #	17
25) Chloroform	7.67	83	5696	0.647 ug/L #	42
40) 1,2-Dichloropropane	9.27	63	17224	4.116 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	3649	0.553 ug/L #	72
49) 2-Hexanone	10.93	43	8103	4.068 ug/L #	62
59) 1,2,3-Trichloropropane	13.55	75	7238	2.681 ug/L	97

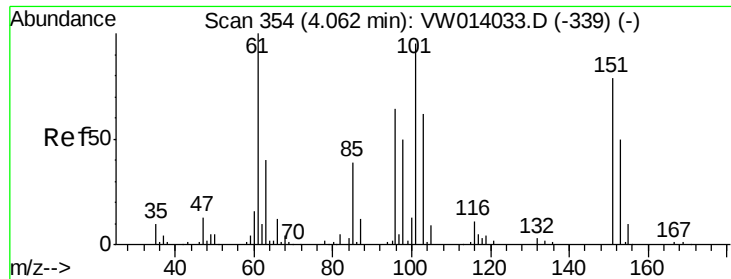
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





#11

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

Concen: 0.404 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

Lab File: VW014048.D

Acq: 15 Nov 2019 18:25

Instrument :

MSVOA_W

ClientSampled :

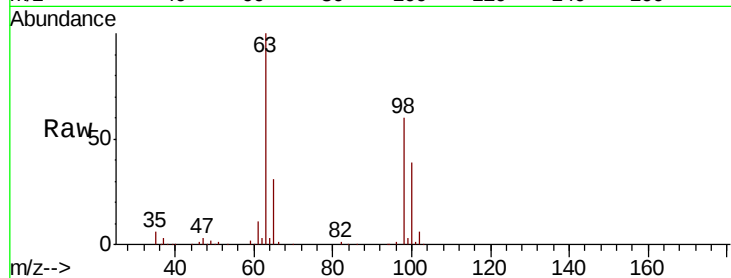
Tot Ion:101 Resp: 2030

Ion Ratio Lower Upper

101 100

85 0.0 31.4 47.2#

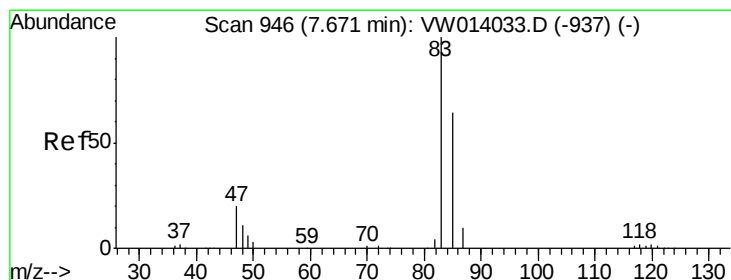
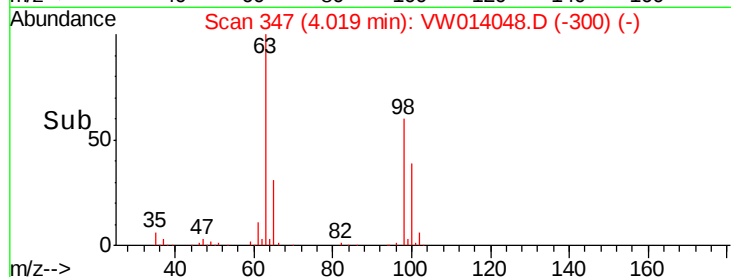
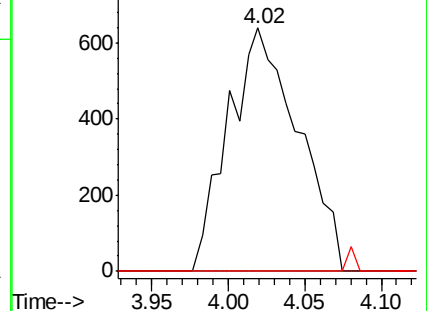
151 0.0 66.9 100.3#



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



#25

Chloroform

Concen: 0.647 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW014048.D

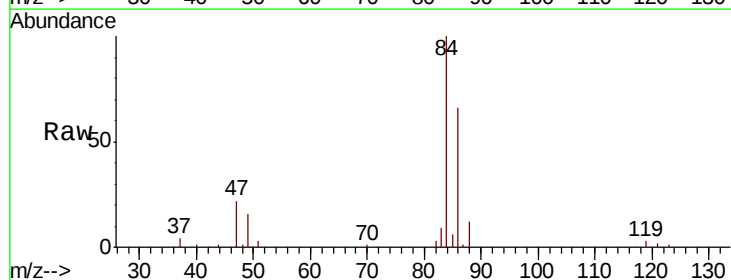
Acq: 15 Nov 2019 18:25

Tgt Ion: 83 Resp: 5696

Ion Ratio Lower Upper

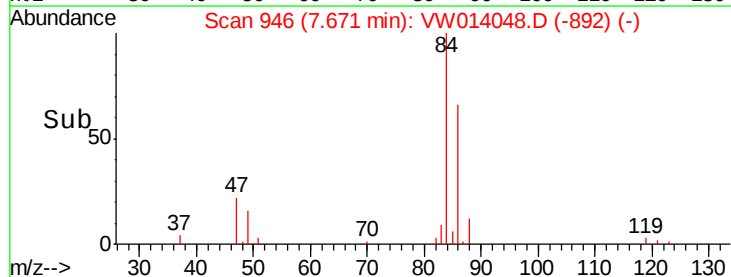
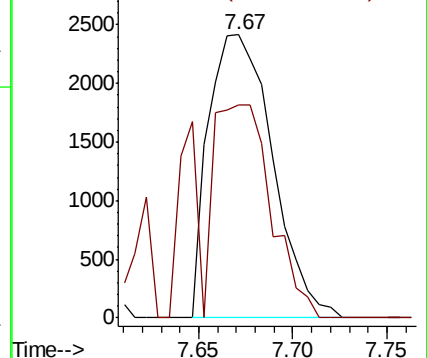
83 100

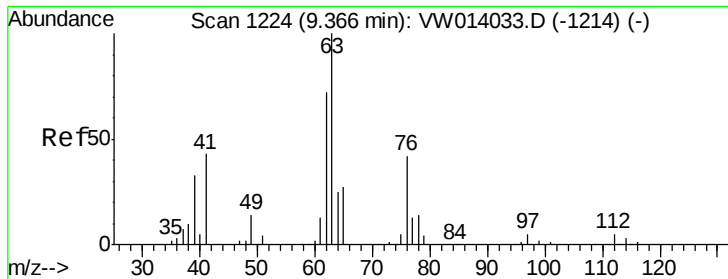
85 19.6 46.1 85.7#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

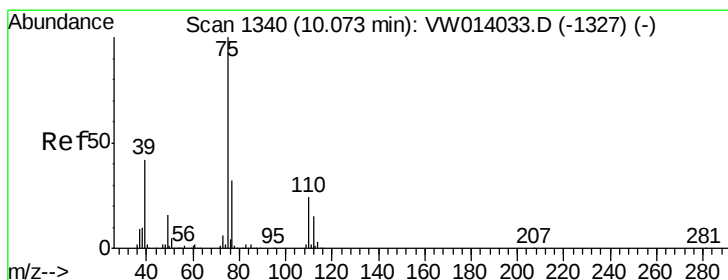
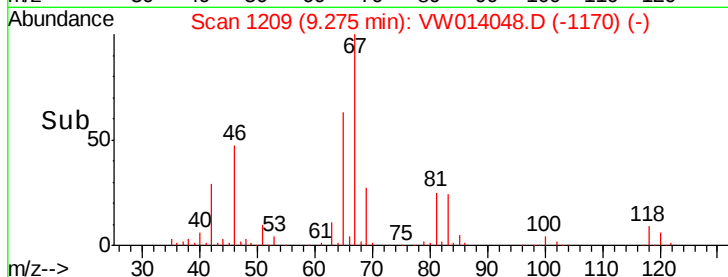
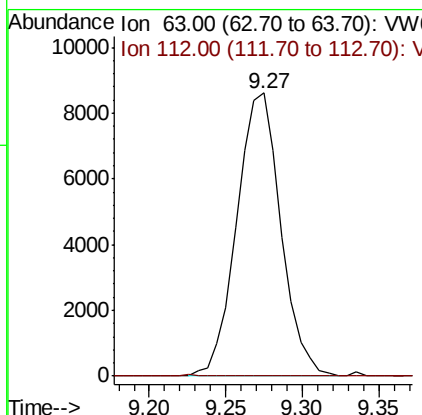
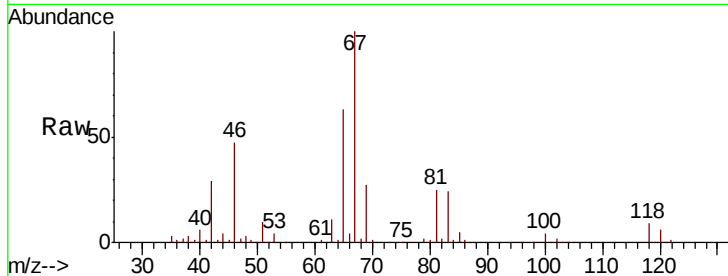




#40
 1,2-Dichloropropane
 Concen: 4.116 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW014048.D
 Acq: 15 Nov 2019 18:25

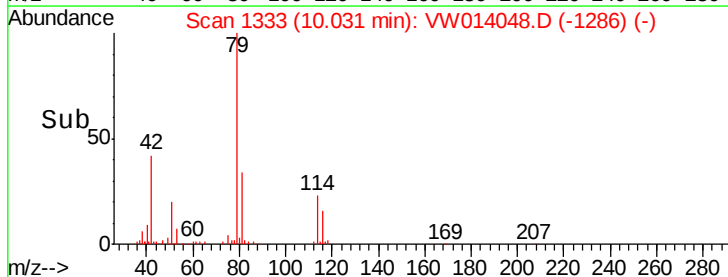
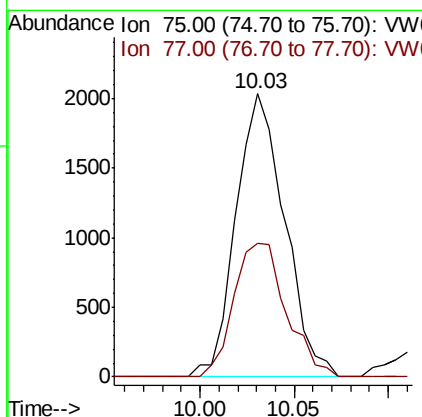
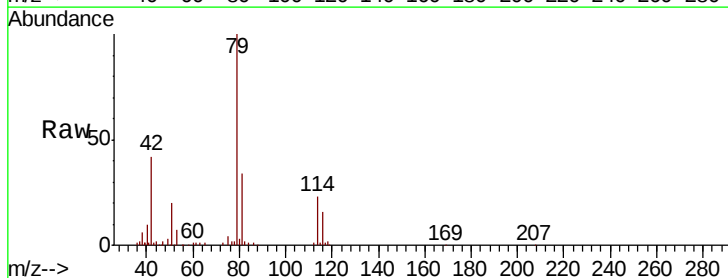
Instrument :
 MSVOA_W
 ClientSampled :

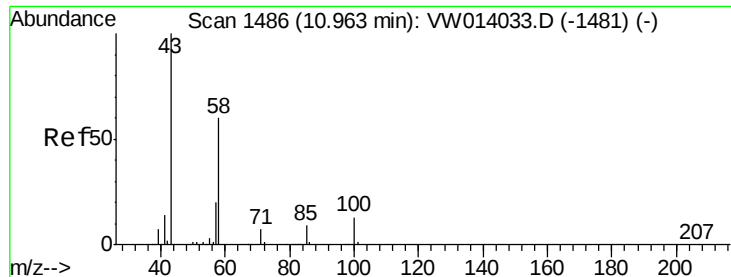
Tot Ion: 63 Resp: 17224
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.553 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW014048.D
 Acq: 15 Nov 2019 18:25

Tgt Ion: 75 Resp: 3649
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.1 41.1#





#49

2-Hexanone

Concen: 4.068 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014048.D

Acq: 15 Nov 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8103

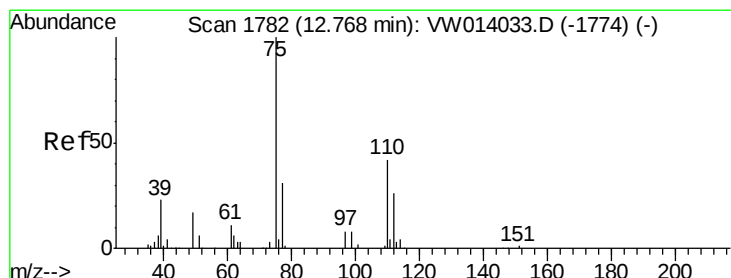
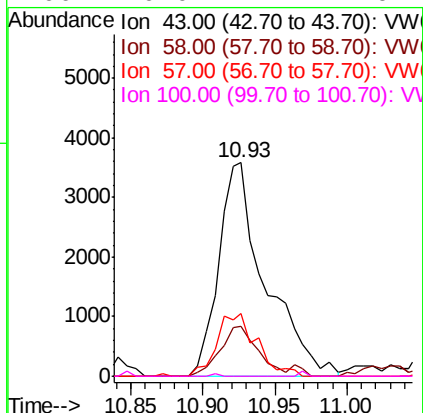
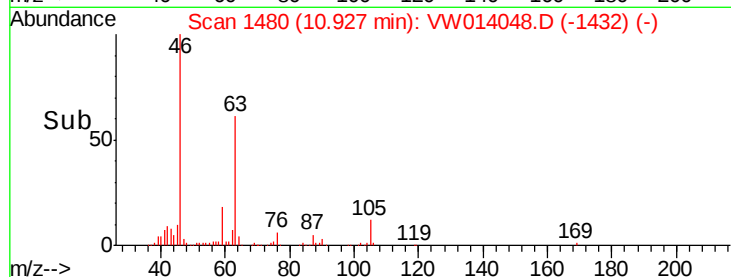
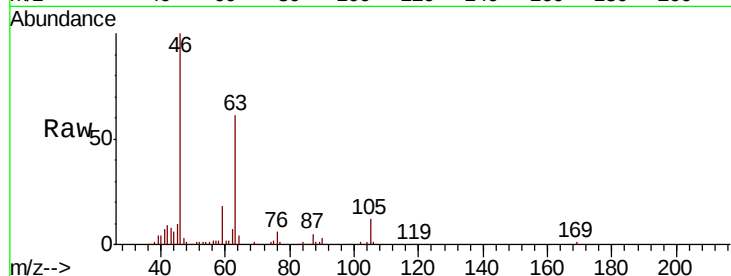
Ion Ratio Lower Upper

43 100

58 19.1 44.4 66.6#

57 24.0 16.5 24.7

100 0.0 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 2.681 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014048.D

Acq: 15 Nov 2019 18:25

Tgt Ion: 75 Resp: 7238

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9

