

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017902.D
 Acq On : 15 Jan 2021 16:59
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

Quant Time: Jan 18 02:09:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	318479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297236	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141455	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96144	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	2.89	69	85159	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
10) 1,1-Dichloroethene-d2	4.02	63	134604	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.08	46	48260	60.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.86%
24) Chloroform-d	7.65	84	194672	23.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.56%
26) 1,2-Dichloroethane-d4	8.30	65	110074	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.20%
29) Benzene-d6	8.27	84	371551	22.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.76%
33) 1,2-Dichloropropane-d6	9.27	67	108760	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.28%
37) Toluene-d8	10.32	98	342672	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.24%
38) trans-1,3-Dichloropropene-	10.58	79	40829	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	10.93	63	32040	55.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87944	25.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	112098	22.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.04%

Target Compounds

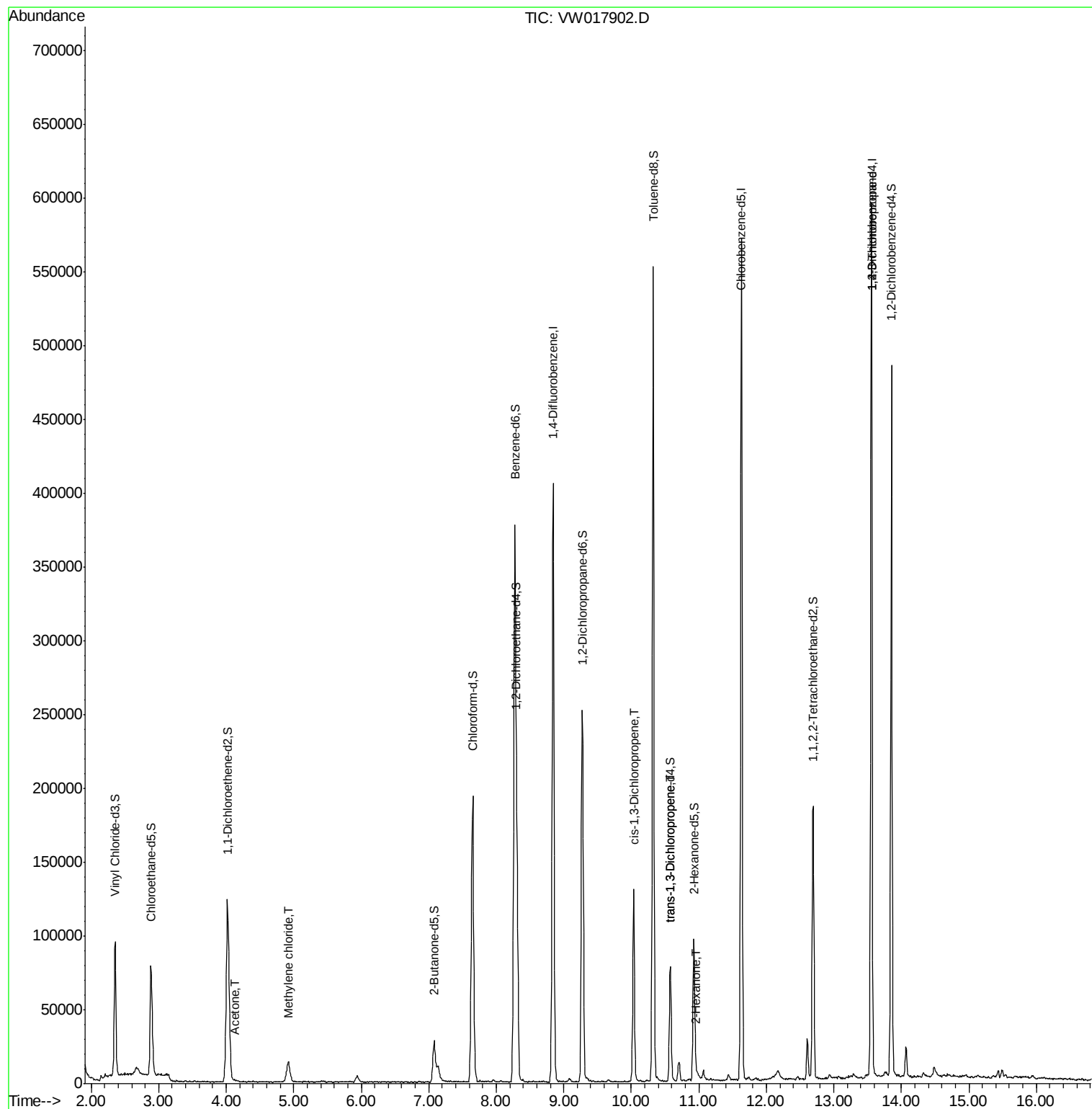
					Ovalue
13) Acetone	4.13	43	632	0.916 ug/L	77
16) Methylene chloride	4.91	84	11198	2.459 ug/L #	91
42) cis-1,3-Dichloropropene	10.03	75	3950	0.617 ug/L #	60
45) trans-1,3-Dichloropropene	10.57	75	2565	0.470 ug/L	96
49) 2-Hexanone	10.97	43	1000	0.723 ug/L #	86
59) 1,2,3-Trichloropropane	13.56	75	21624	8.838 ug/L	92

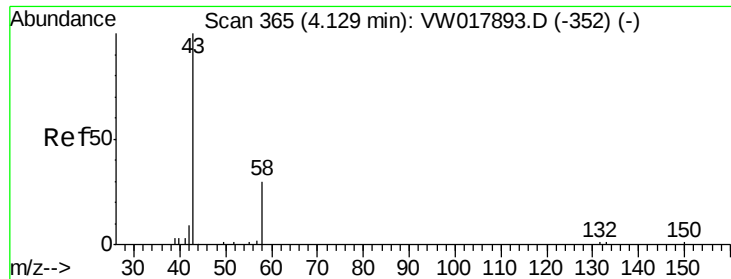
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
Response via : Initial Calibration





#13

Acetone

Concen: 0.916 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017902.D

Acq: 15 Jan 2021 16:59

Instrument :

MSVOA_W

ClientSampleId :

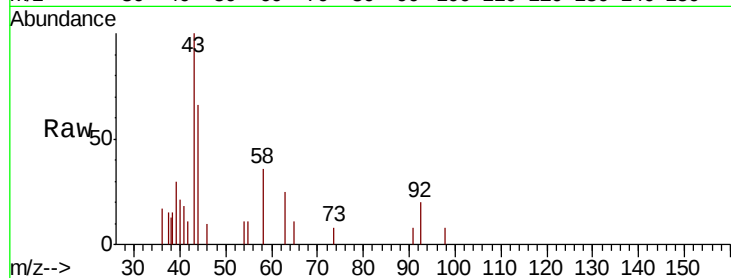
VIBLK22

Tot Ion: 43 Resp: 632

Ion Ratio Lower Upper

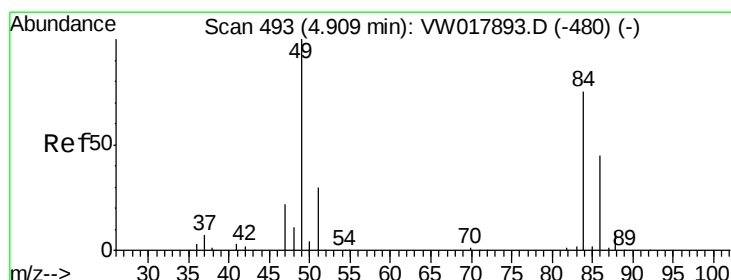
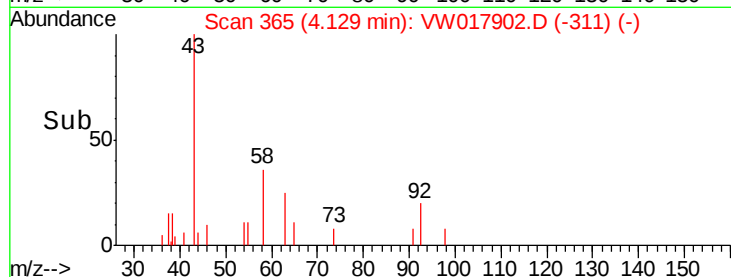
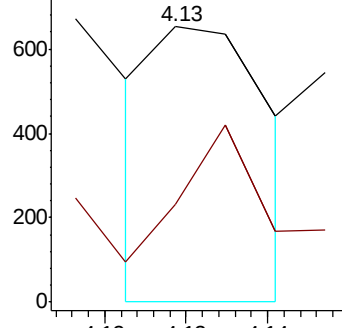
43 100

58 47.5 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.459 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW017902.D

Acq: 15 Jan 2021 16:59

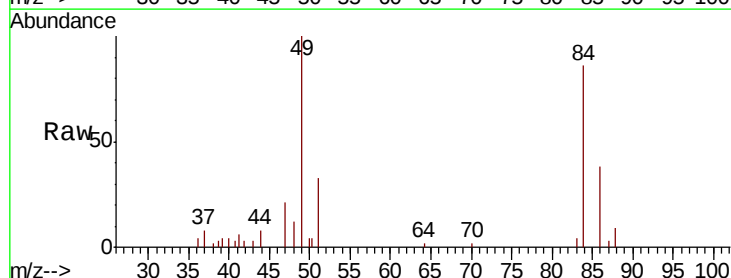
Tgt Ion: 84 Resp: 11198

Ion Ratio Lower Upper

84 100

49 116.4 81.2 150.8

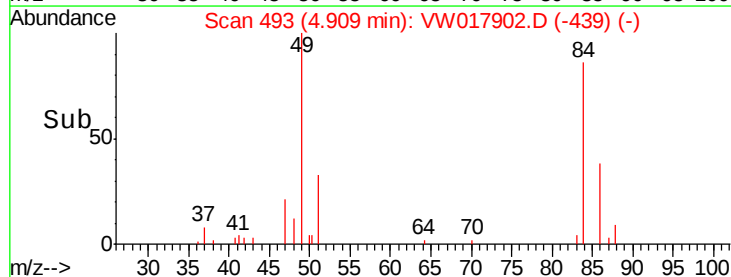
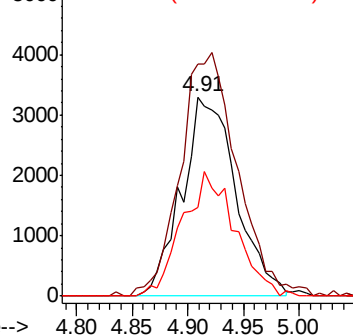
86 44.5 44.5 82.7#

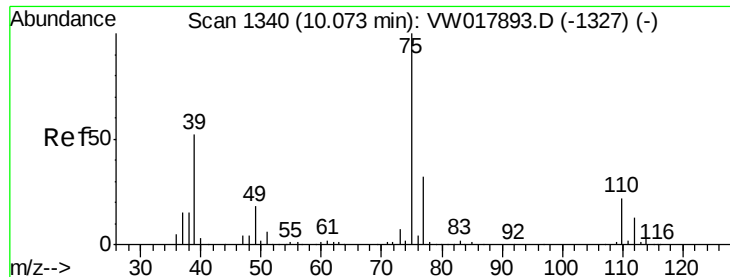


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.617 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017902.D

Acq: 15 Jan 2021 16:59

Instrument :

MSVOA_W

ClientSampled :

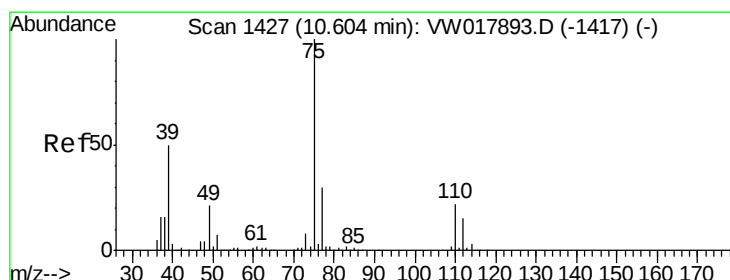
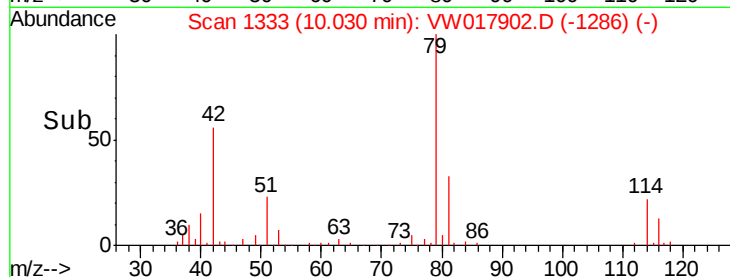
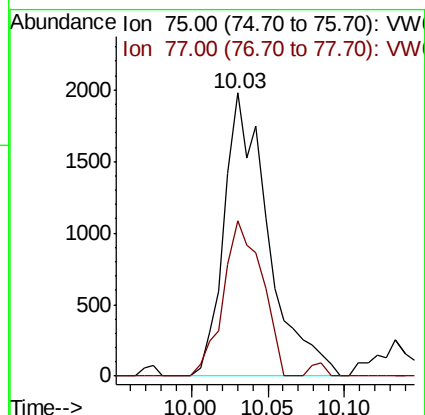
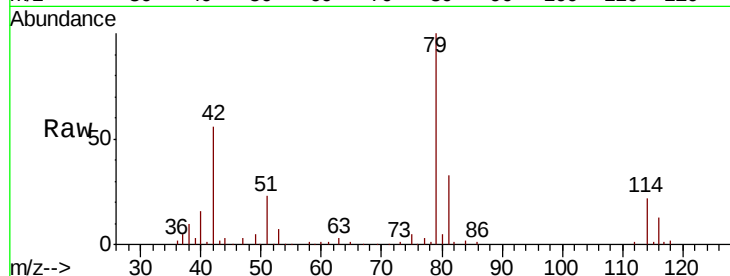
VIBLK22

Tot Ion: 75 Resp: 3950

Ion Ratio Lower Upper

75 100

77 55.1 22.7 42.3#



#45

trans-1,3-Dichloropropene

Concen: 0.470 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017902.D

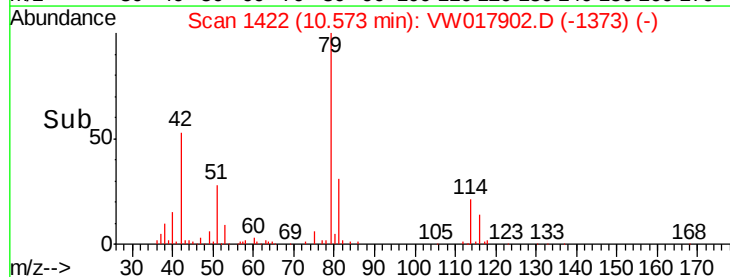
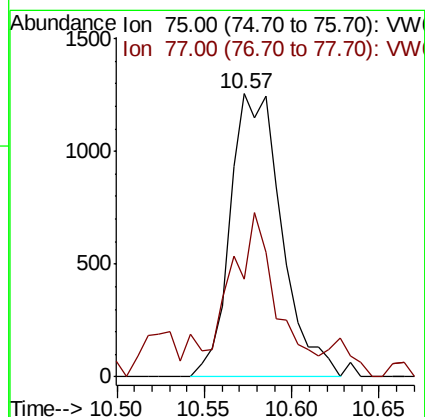
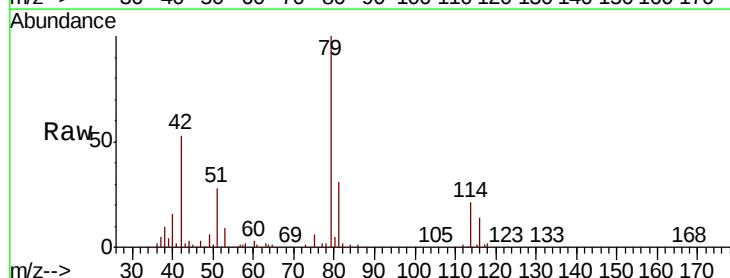
Acq: 15 Jan 2021 16:59

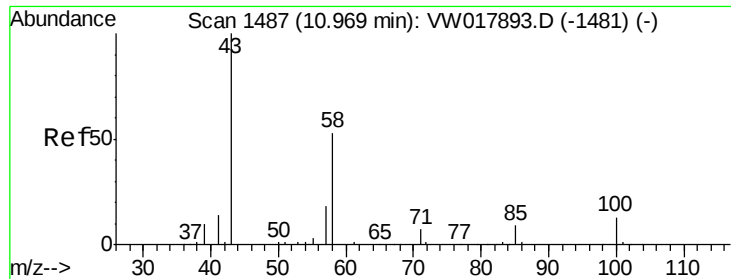
Tgt Ion: 75 Resp: 2565

Ion Ratio Lower Upper

75 100

77 34.5 22.6 42.0





#49

2-Hexanone

Concen: 0.723 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017902.D

Acq: 15 Jan 2021 16:59

Instrument :

MSVOA_W

ClientSampleId :

VIBLK22

Tot Ion: 43 Resp: 1000

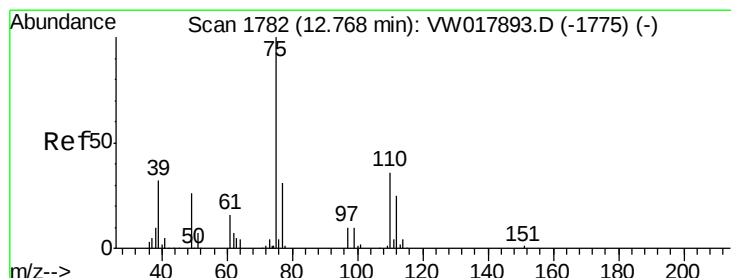
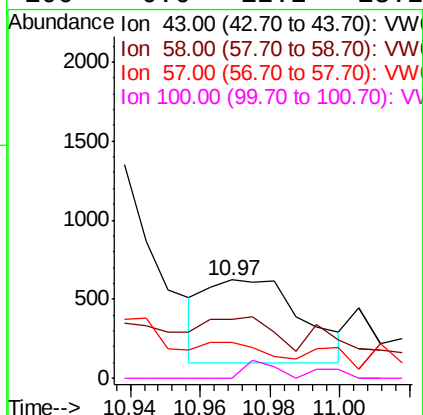
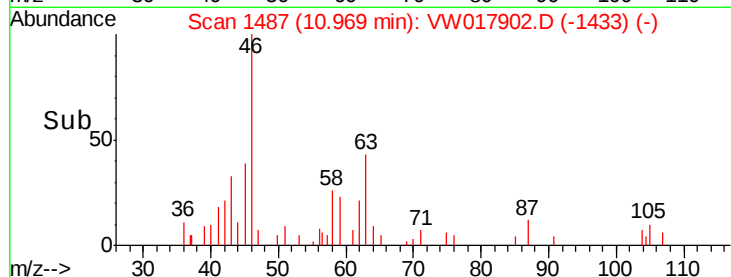
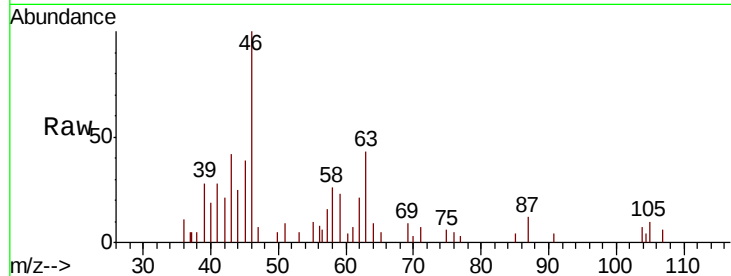
Ion Ratio Lower Upper

43 100

58 58.5 51.3 76.9

57 33.4 15.0 22.6#

100 6.6 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 8.838 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017902.D

Acq: 15 Jan 2021 16:59

Tgt Ion: 75 Resp: 21624

Ion Ratio Lower Upper

75 100

77 37.5 26.6 39.8

