

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017898.D
 Acq On : 15 Jan 2021 15:25
 Operator : SY/VA
 Sample : M1132-10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jan 18 02:09:02 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	314951	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101589	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
7) Chloroethane-d5	2.89	69	94591	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
10) 1,1-Dichloroethene-d2	4.02	63	145987	17.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.76%
20) 2-Butanone-d5	7.08	46	57051	72.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.46%#
24) Chloroform-d	7.65	84	207903	25.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.04%
26) 1,2-Dichloroethane-d4	8.39	65	202	0.05	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.20%#
29) Benzene-d6	8.27	84	396325	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
33) 1,2-Dichloropropane-d6	9.27	67	118652	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.24%
37) Toluene-d8	10.32	98	371325	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.58	79	45947	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.44%
39) 2-Hexanone-d5	10.93	63	38831	68.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101633	30.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	118372	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

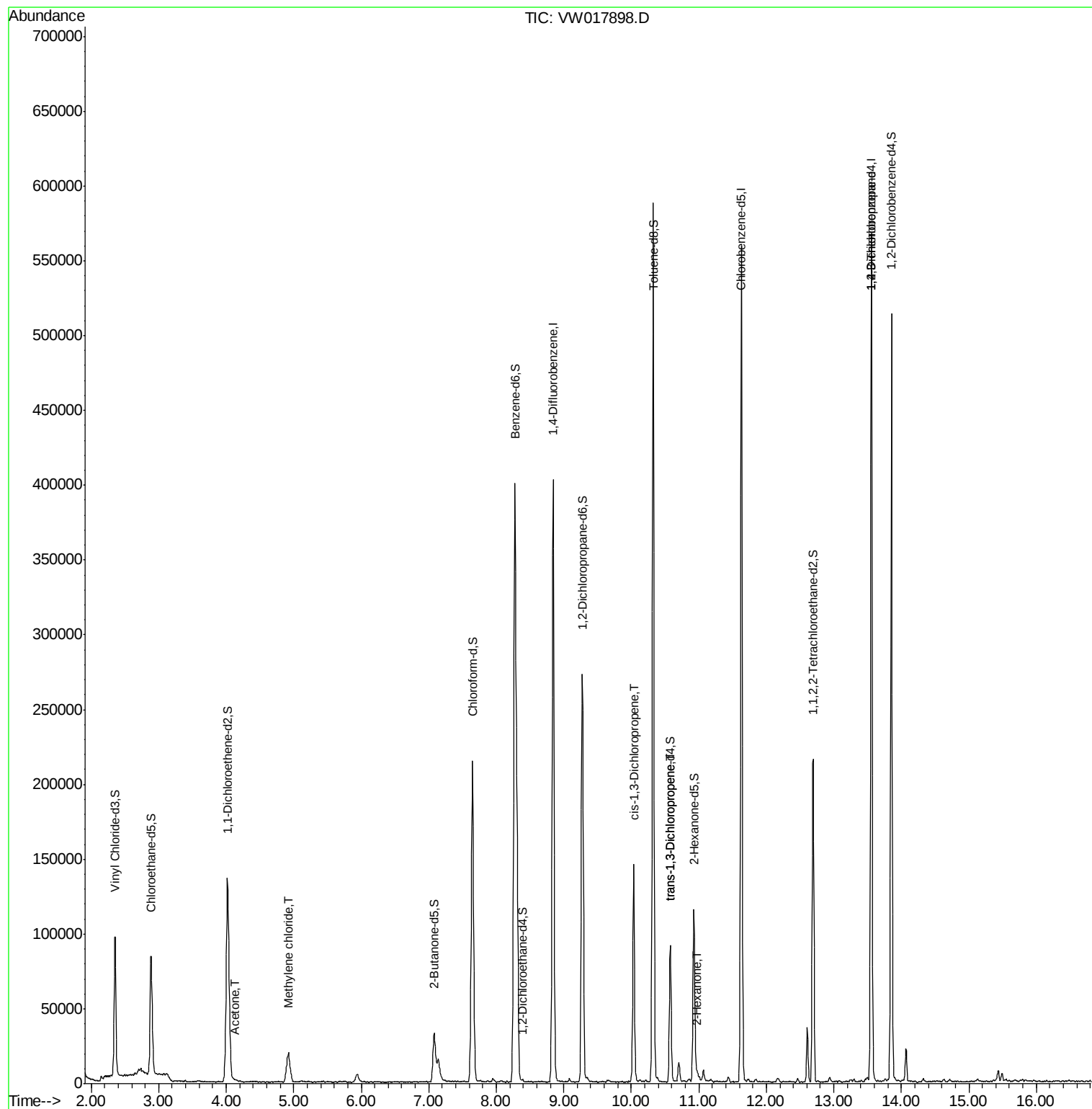
					Ovalue
13) Acetone	4.14	43	1996	2.927 ug/L	78
16) Methylene chloride	4.92	84	16098	3.574 ug/L	93
42) cis-1,3-Dichloropropene	10.03	75	4708	0.753 ug/L #	82
45) trans-1,3-Dichloropropene	10.57	75	3067	0.576 ug/L	96
49) 2-Hexanone	10.98	43	1525	1.129 ug/L #	84
59) 1,2,3-Trichloropropane	13.55	75	20711	8.663 ug/L	95

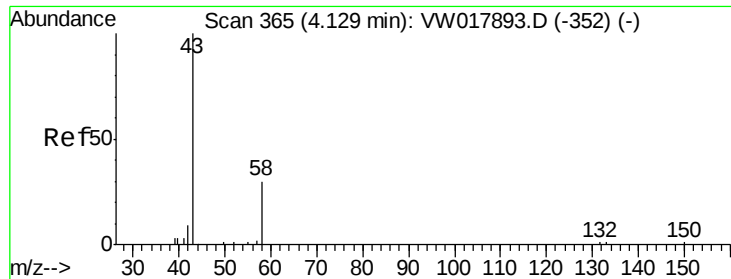
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.927 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017898.D

Acq: 15 Jan 2021 15:25

Instrument :

MSVOA_W

ClientSampled :

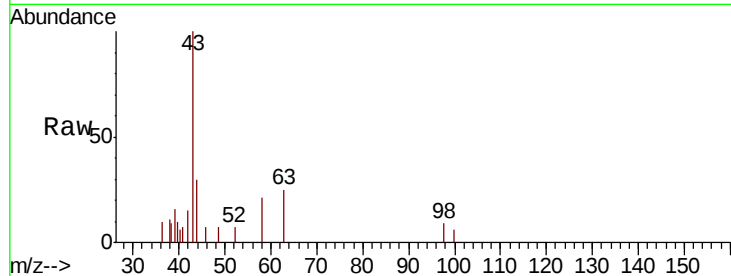
VHBLK01

Tot Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 21.3 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

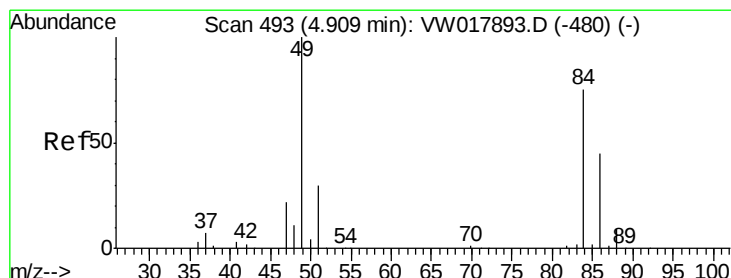
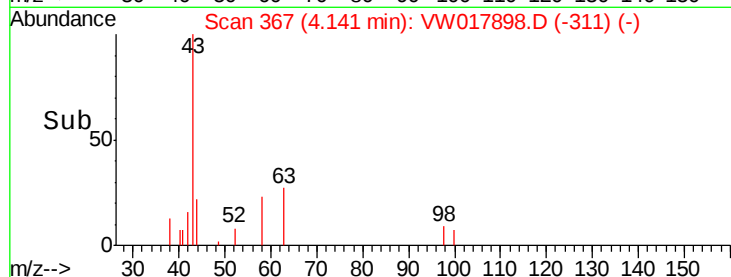
600

400

200

0

Time--> 4.05 4.10 4.15



#16

Methylene chloride

Concen: 3.574 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017898.D

Acq: 15 Jan 2021 15:25

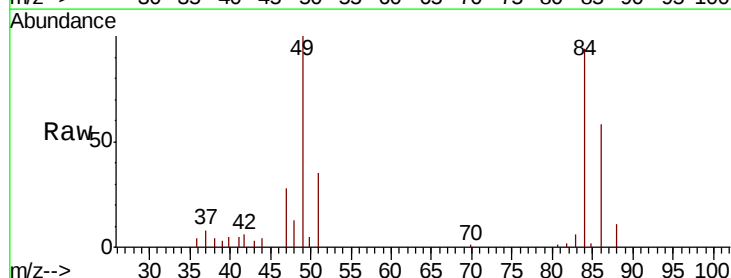
Tgt Ion: 84 Resp: 16098

Ion Ratio Lower Upper

84 100

49 106.2 81.2 150.8

86 61.5 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

4.92

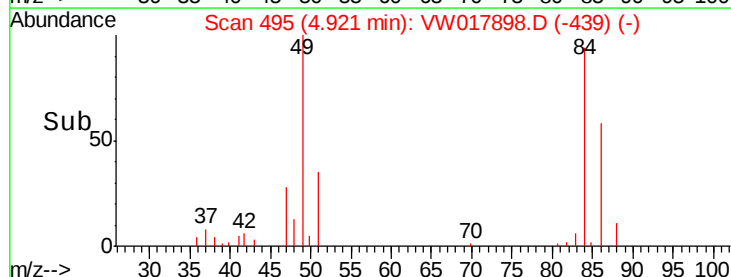
6000

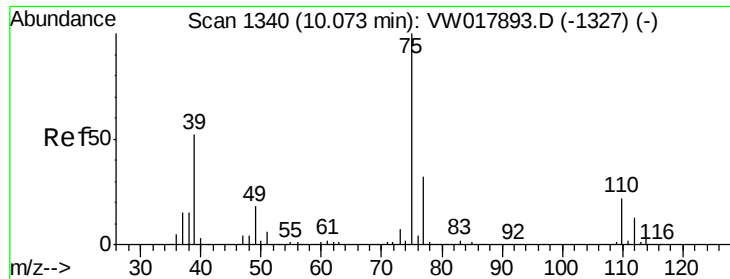
4000

2000

0

Time--> 4.80 4.90 5.00





#42

cis-1,3-Dichloropropene

Concen: 0.753 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017898.D

Acq: 15 Jan 2021 15:25

Instrument :

MSVOA_W

ClientSampled :

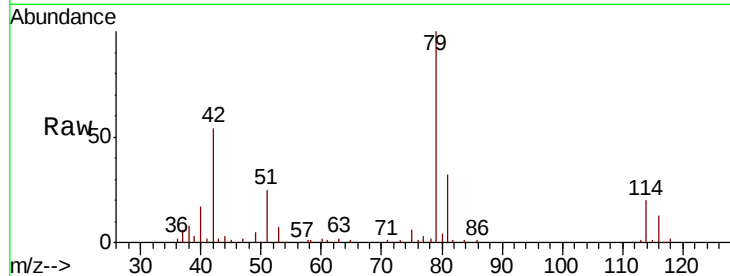
VHBLK01

Tot Ion: 75 Resp: 4708

Ion Ratio Lower Upper

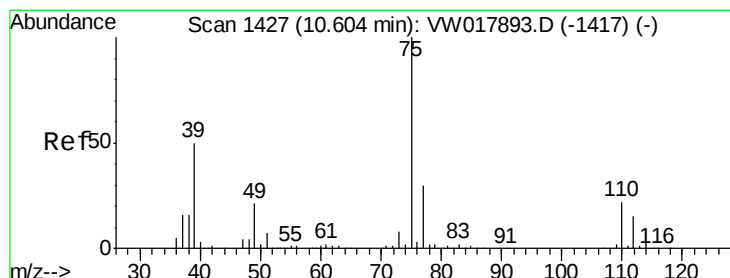
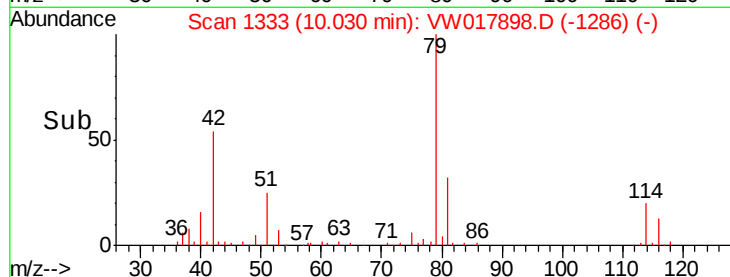
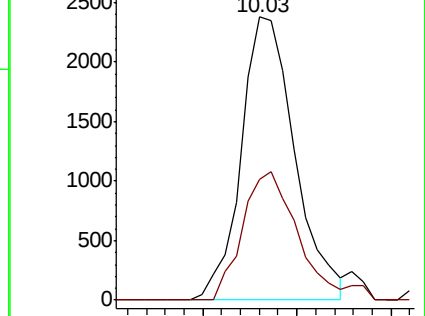
75 100

77 42.8 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.576 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017898.D

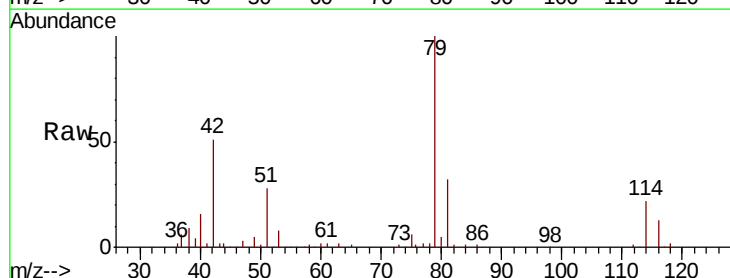
Acq: 15 Jan 2021 15:25

Tgt Ion: 75 Resp: 3067

Ion Ratio Lower Upper

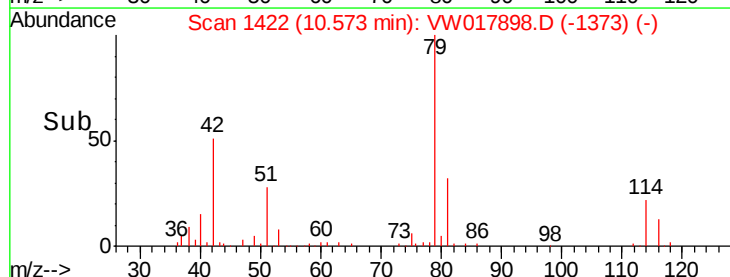
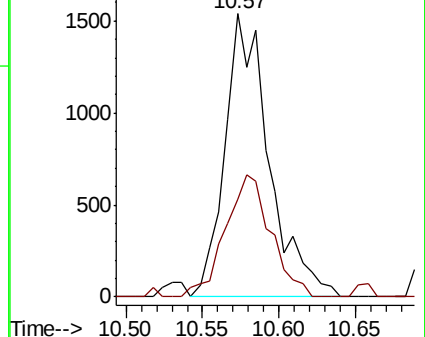
75 100

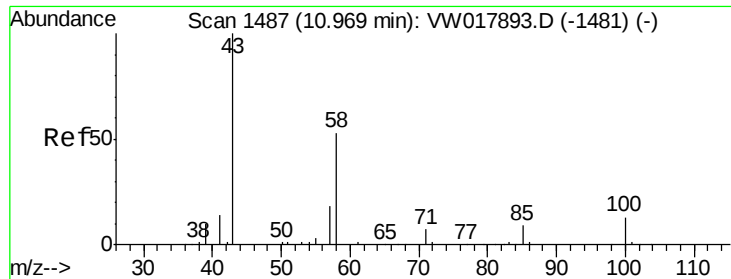
77 34.7 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 1.129 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW017898.D

Acq: 15 Jan 2021 15:25

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 1525

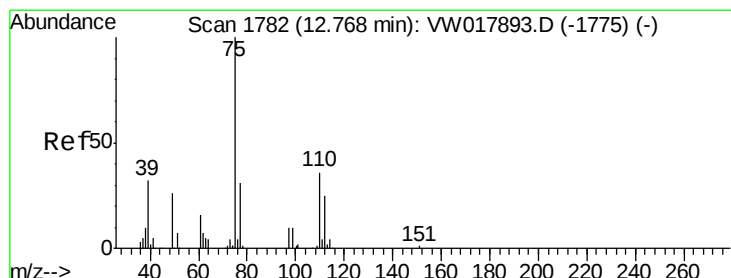
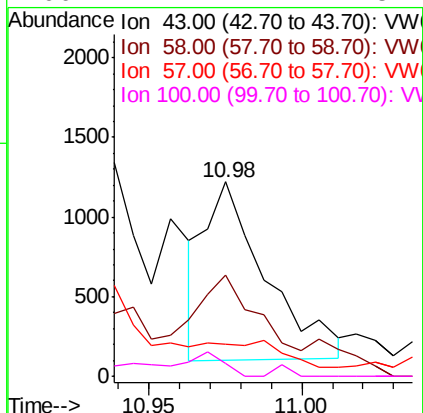
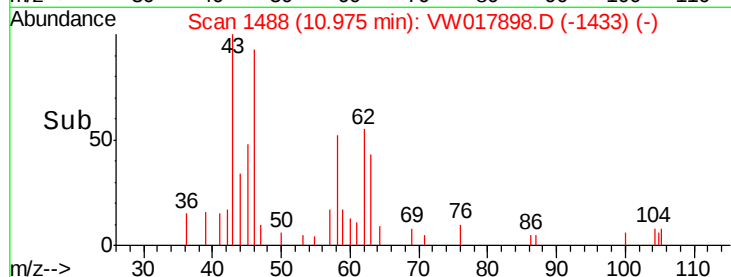
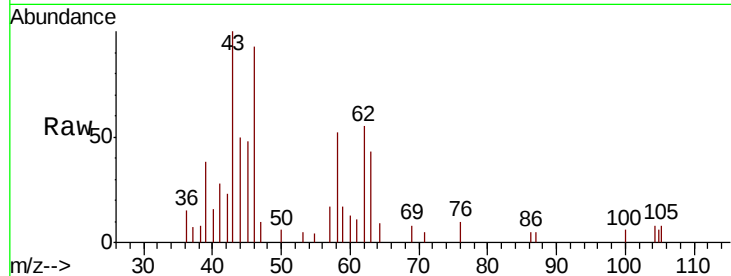
Ion Ratio Lower Upper

43 100

58 70.4 51.3 76.9

57 0.0 15.0 22.6#

100 7.7 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 8.663 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017898.D

Acq: 15 Jan 2021 15:25

Tgt Ion: 75 Resp: 20711

Ion Ratio Lower Upper

75 100

77 36.1 26.6 39.8

