

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010821\
 Data File : VW017804.D
 Acq On : 08 Jan 2021 14:34
 Operator : SY/VA
 Sample : VW0108SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK19

Quant Time: Jan 08 21:58:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	318339	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	291405	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	136285	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112843	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.64%
7) Chloroethane-d5	2.89	69	99433	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
10) 1,1-Dichloroethene-d2	4.01	63	151658	17.67	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.68%
20) 2-Butanone-d5	7.08	46	39177	49.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.14%
24) Chloroform-d	7.65	84	200051	24.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	8.30	65	110842	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.96%
29) Benzene-d6	8.27	84	406697	24.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.12%
33) 1,2-Dichloropropane-d6	9.27	67	113109	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.32	98	382115	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	10.58	79	45672	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	10.93	63	29190	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82731	24.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	118040	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds

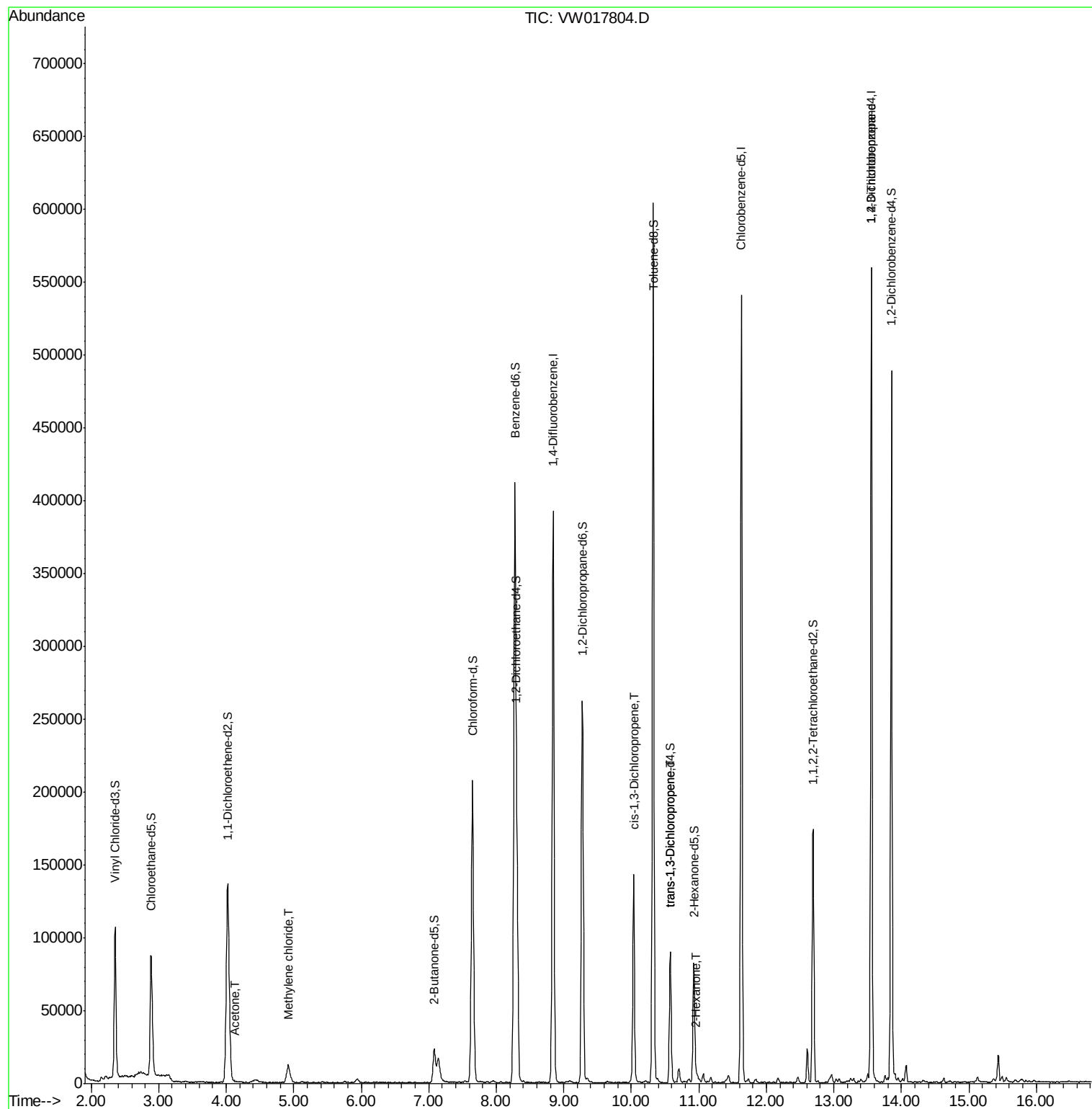
					Ovalue
13) Acetone	4.12	43	202	0.293 ug/L	67
16) Methylene chloride	4.92	84	9466	2.079 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	4768	0.760 ug/L #	65
45) trans-1,3-Dichloropropene	10.58	75	3091	0.578 ug/L #	81
49) 2-Hexanone	10.97	43	1398	1.031 ug/L #	85
59) 1,2,3-Trichloropropane	13.55	75	19814	8.260 ug/L	91

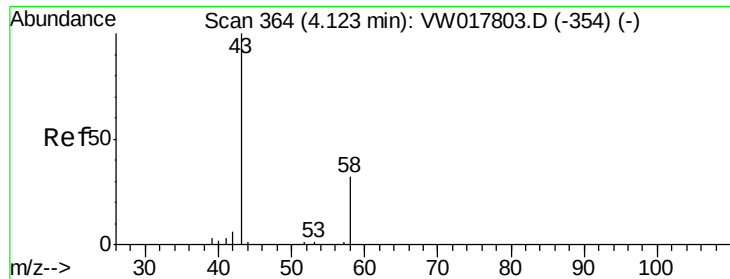
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.293 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

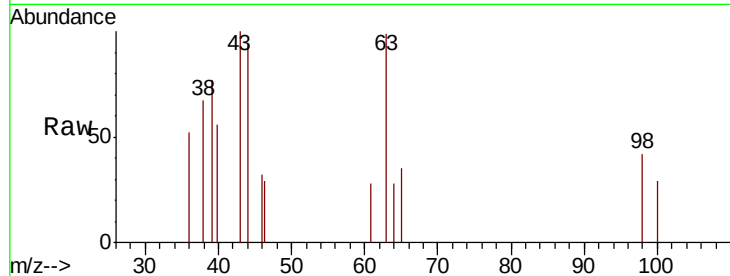
VBLK19

Tot Ion: 43 Resp: 202

Ion Ratio Lower Upper

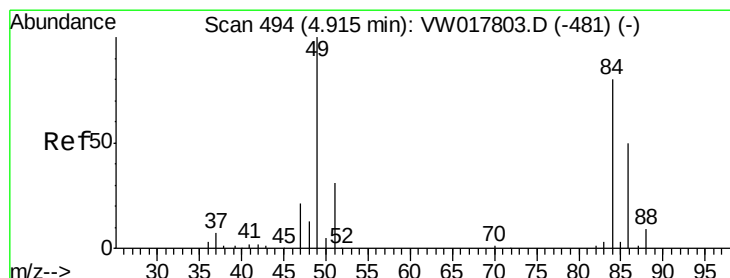
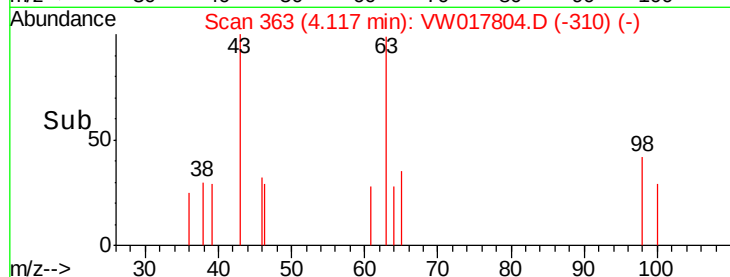
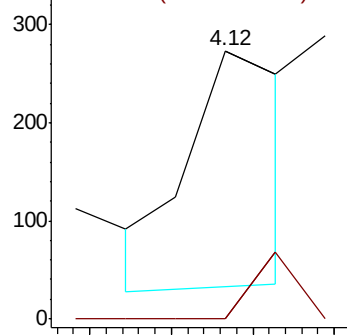
43 100

58 12.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.079 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017804.D

Acq: 08 Jan 2021 14:34

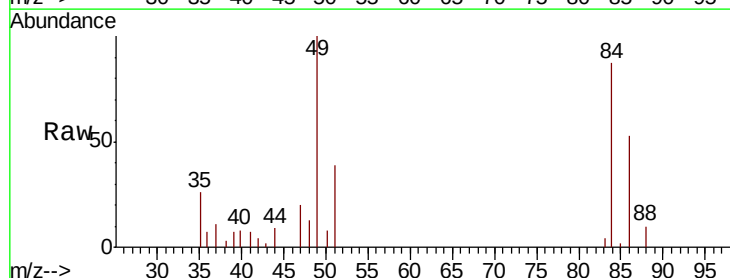
Tgt Ion: 84 Resp: 9466

Ion Ratio Lower Upper

84 100

49 115.2 90.5 168.1

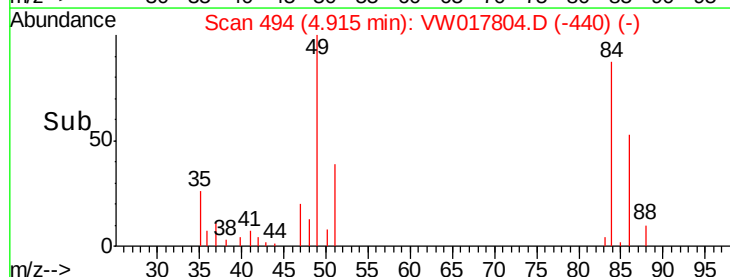
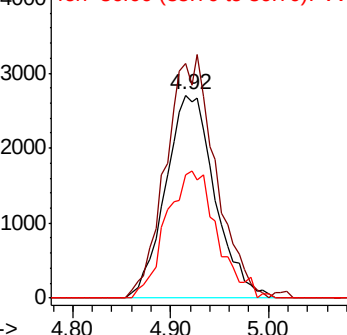
86 60.8 44.8 83.2

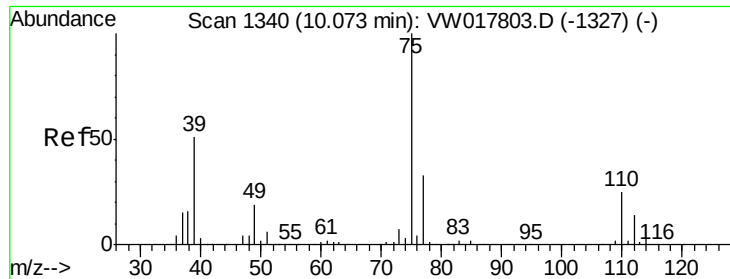


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.760 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

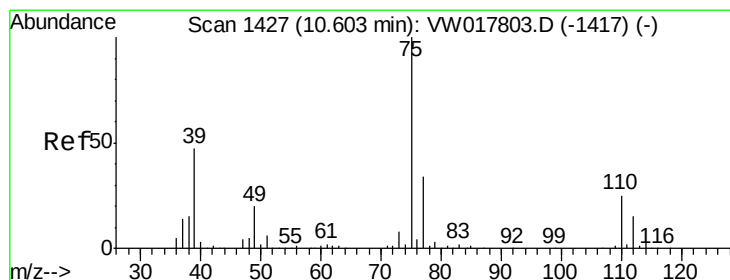
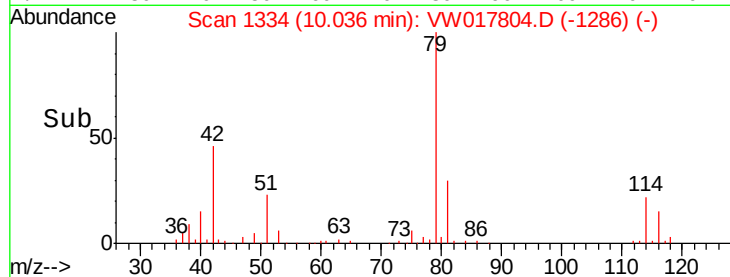
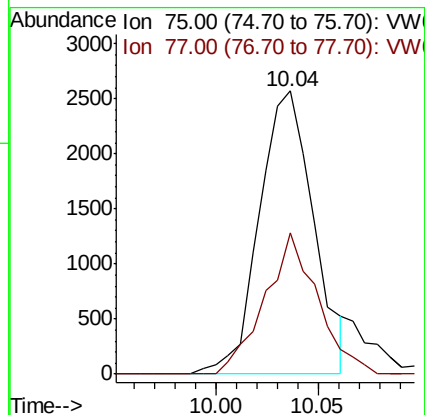
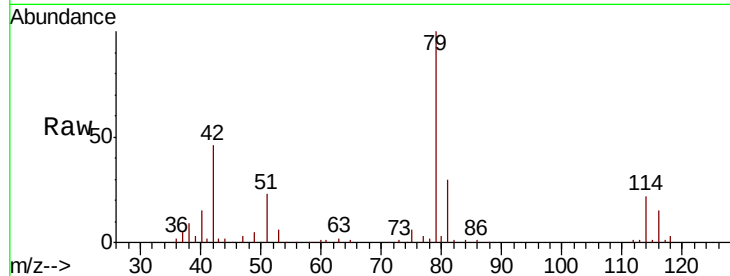
VBLK19

Tot Ion: 75 Resp: 4768

Ion Ratio Lower Upper

75 100

77 49.8 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017804.D

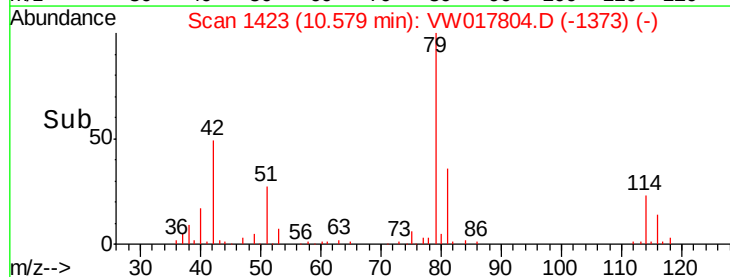
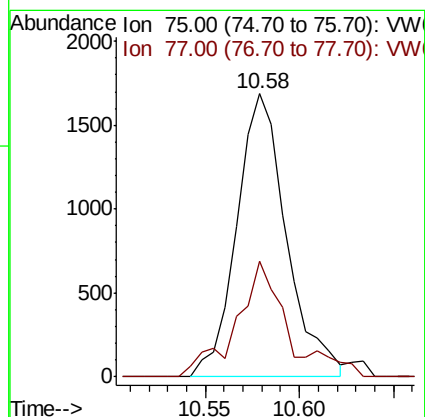
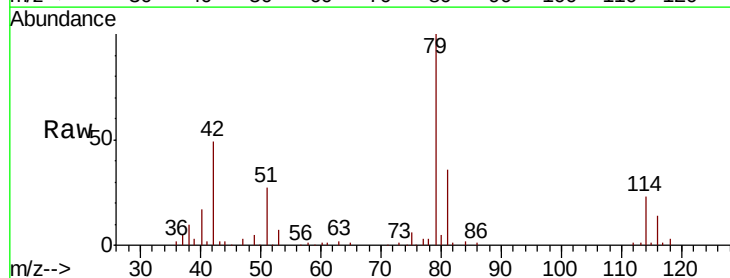
Acq: 08 Jan 2021 14:34

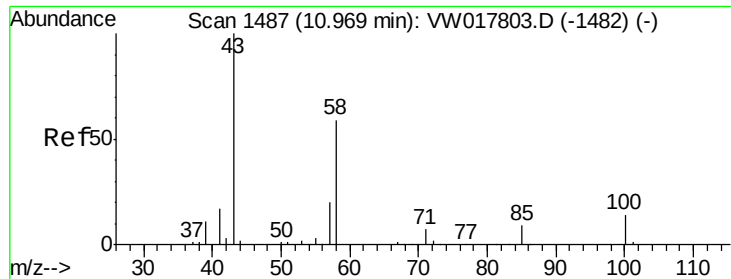
Tgt Ion: 75 Resp: 3091

Ion Ratio Lower Upper

75 100

77 41.1 21.6 40.0#





#49

2-Hexanone

Concen: 1.031 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017804.D

Acq: 08 Jan 2021 14:34

Instrument :

MSVOA_W

ClientSampleId :

VBLK19

Tot Ion: 43 Resp: 1398

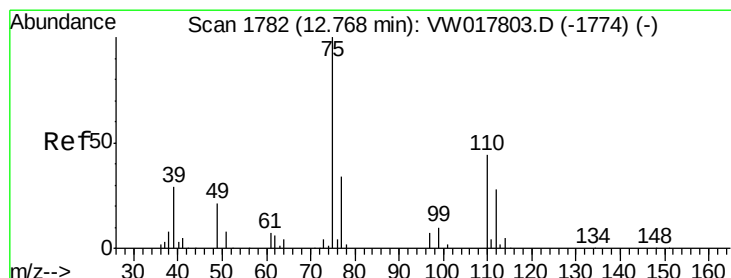
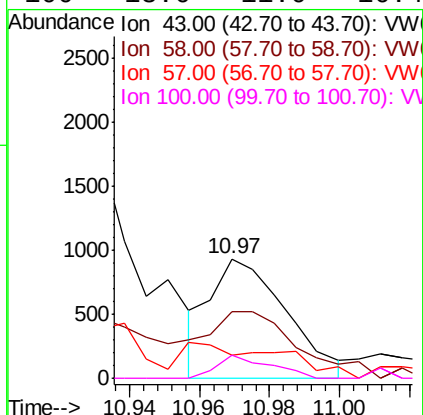
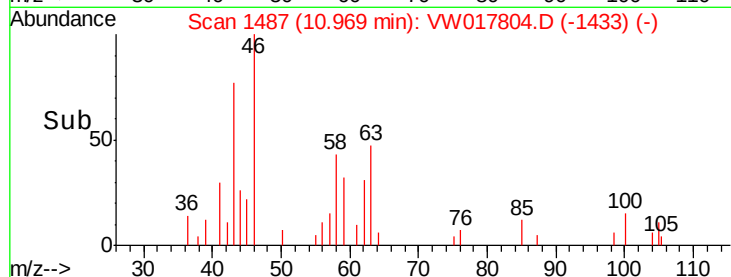
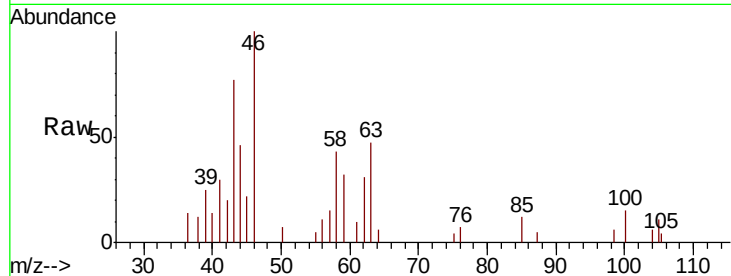
Ion Ratio Lower Upper

43 100

58 68.4 44.2 66.4#

57 13.2 16.1 24.1#

100 13.6 11.0 16.4



#59

1,2,3-Trichloropropane

Concen: 8.260 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017804.D

Acq: 08 Jan 2021 14:34

Tgt Ion: 75 Resp: 19814

Ion Ratio Lower Upper

75 100

77 36.8 25.4 38.0

