

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017297.D
 Acq On : 17 Nov 2020 20:25
 Operator : SY/VA
 Sample : VW1117SBL02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK04

Quant Time: Nov 18 04:51:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426536	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180591	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98710	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
7) Chloroethane-d5	2.89	69	93063	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.92%
10) 1,1-Dichloroethene-d2	4.02	63	152239	15.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.36%
20) 2-Butanone-d5	7.08	46	55507	46.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.40%
24) Chloroform-d	7.65	84	265206	26.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.52%
26) 1,2-Dichloroethane-d4	8.31	65	132566	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.12%
29) Benzene-d6	8.27	84	505653	25.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.08%
33) 1,2-Dichloropropane-d6	9.27	67	143906	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	10.33	98	459923	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.48%
38) trans-1,3-Dichloropropene-	10.58	79	56421	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.36%
39) 2-Hexanone-d5	10.93	63	44874	46.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118136	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	170291	26.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.04%

Target Compounds

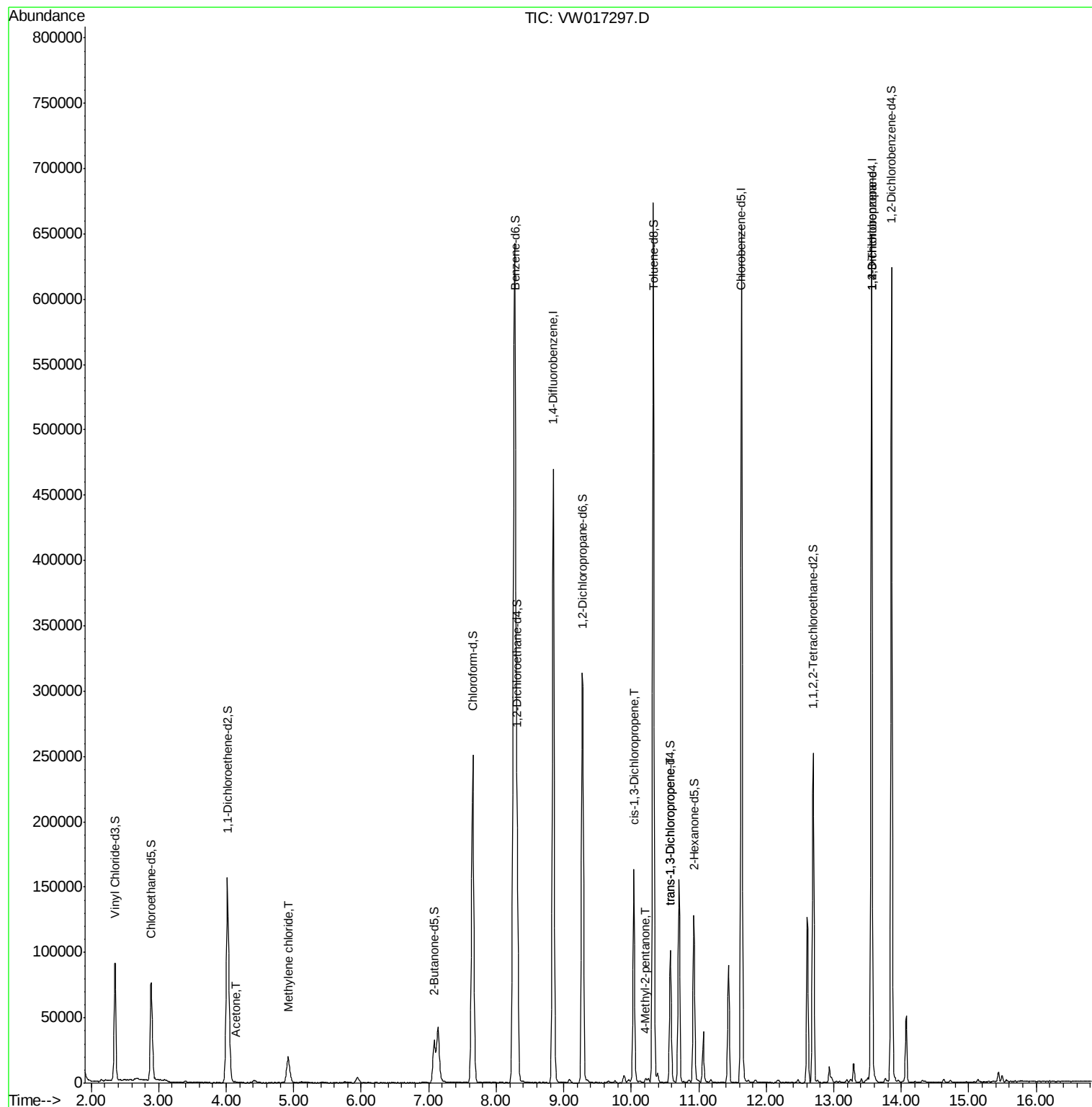
					Ovalue
13) Acetone	4.15	43	596	0.741 ug/L	77
16) Methylene chloride	4.92	84	16571	2.882 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	4652	0.615 ug/L #	59
43) 4-Methyl-2-pentanone	10.21	43	2116	0.718 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2784	0.429 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	19106	5.588 ug/L	91

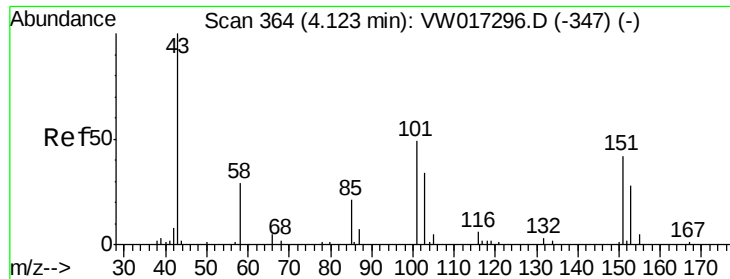
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK04

Quant Time: Nov 18 04:51:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.741 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017297.D

Acq: 17 Nov 2020 20:25

Instrument :

MSVOA_W

ClientSampled :

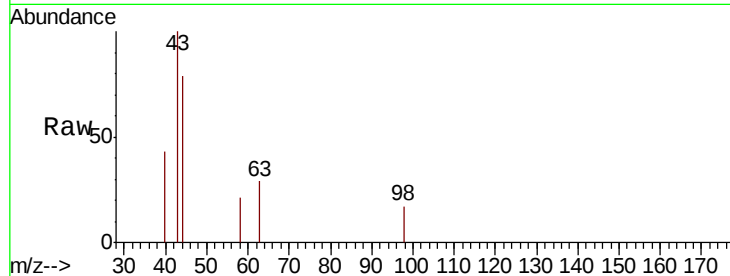
VBLK04

Tot Ion: 43 Resp: 596

Ion Ratio Lower Upper

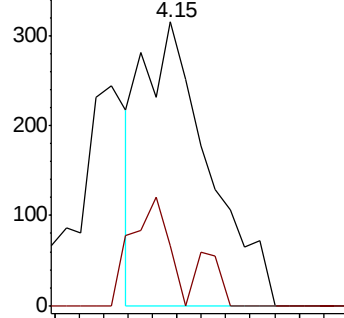
43 100

58 21.3 0.0 69.2

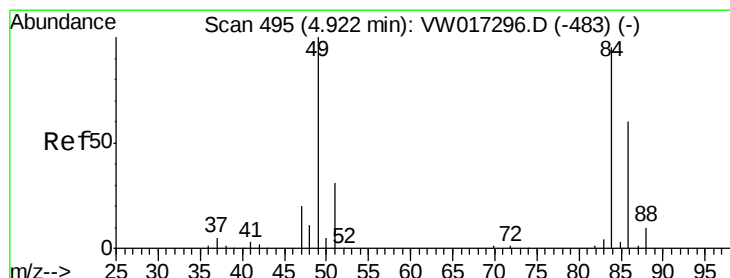
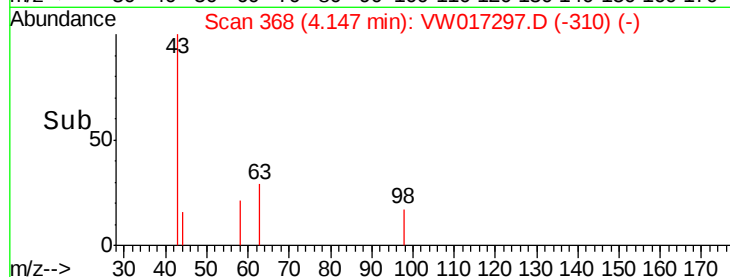


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 2.882 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017297.D

Acq: 17 Nov 2020 20:25

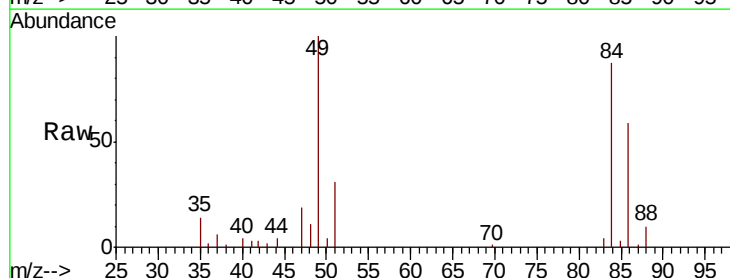
Tgt Ion: 84 Resp: 16571

Ion Ratio Lower Upper

84 100

49 114.6 72.3 134.3

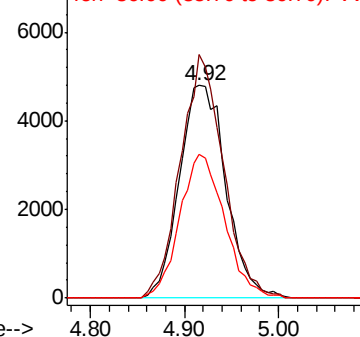
86 67.8 45.1 83.7



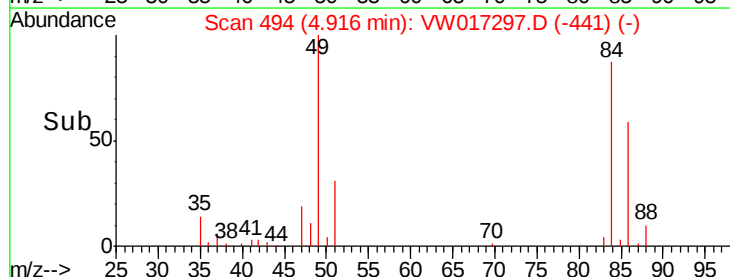
Abundance Ion 84.00 (83.70 to 84.70): VW

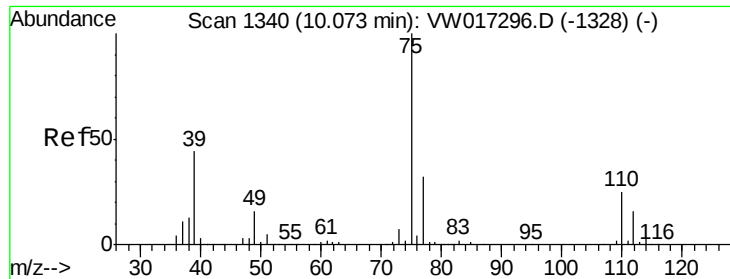
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.615 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017297.D

Acq: 17 Nov 2020 20:25

Instrument :

MSVOA_W

ClientSampled :

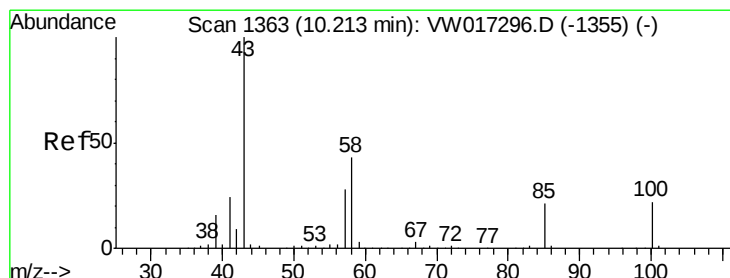
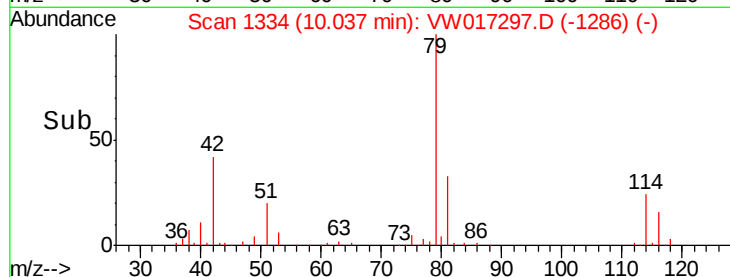
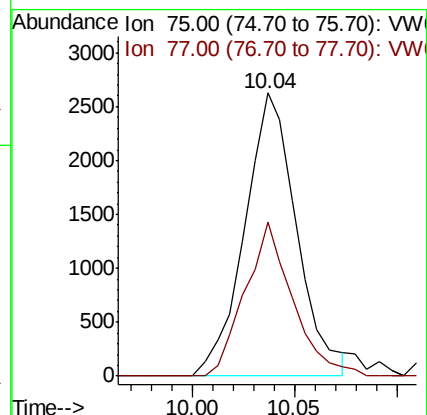
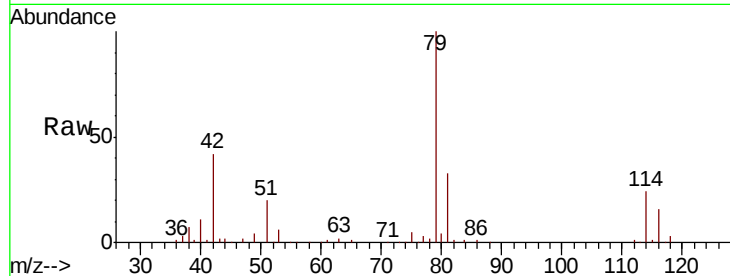
VBLK04

Tot Ion: 75 Resp: 4652

Ion Ratio Lower Upper

75 100

77 54.5 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 0.718 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017297.D

Acq: 17 Nov 2020 20:25

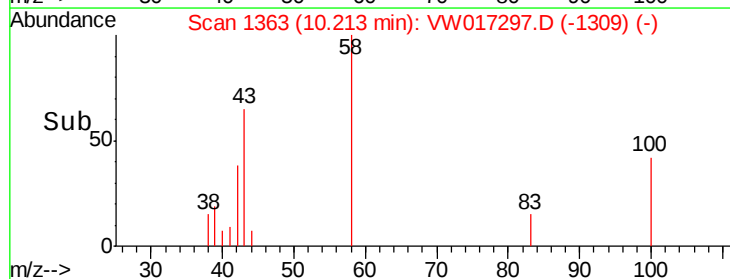
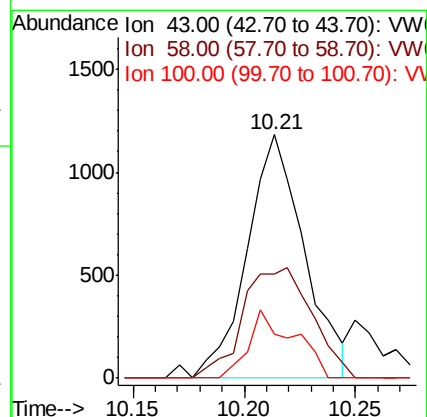
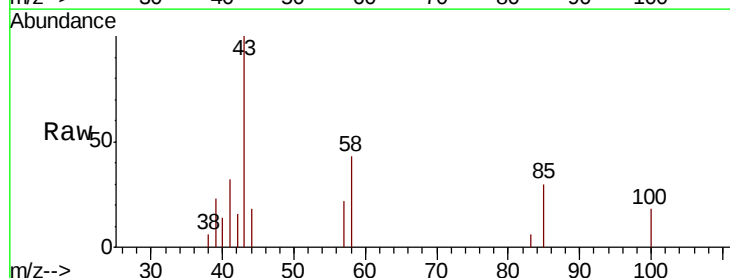
Tgt Ion: 43 Resp: 2116

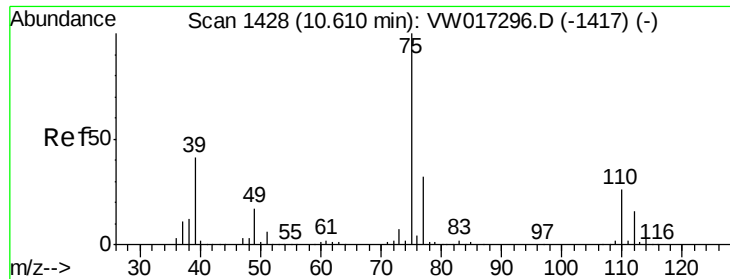
Ion Ratio Lower Upper

43 100

58 54.8 35.0 52.6#

100 16.1 16.6 24.8#





#45

trans-1,3-Dichloropropene

Concen: 0.429 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017297.D

Acq: 17 Nov 2020 20:25

Instrument :

MSVOA_W

ClientSampled :

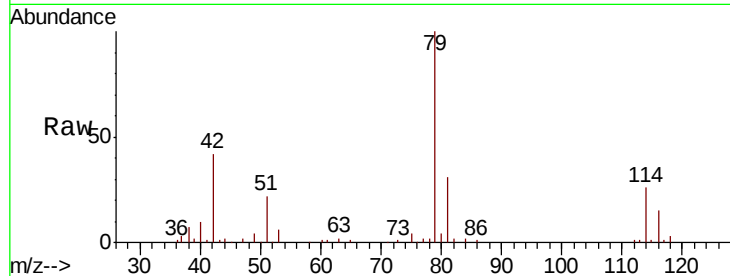
VBLK04

Tot Ion: 75 Resp: 2784

Ion Ratio Lower Upper

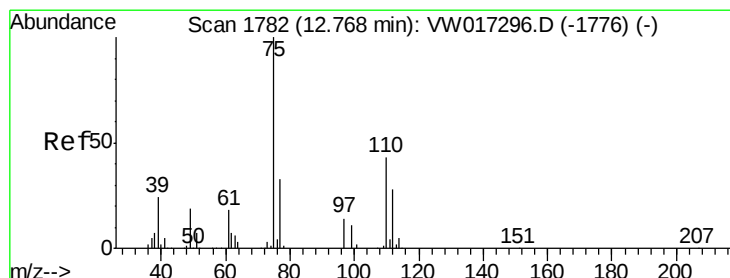
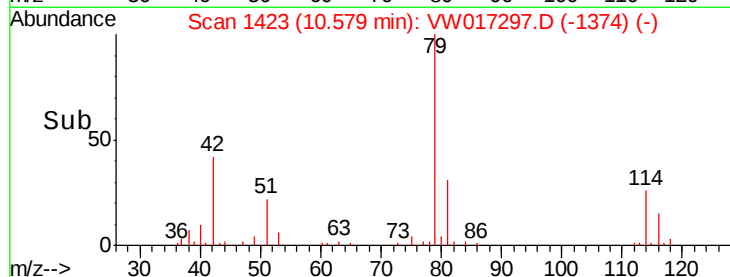
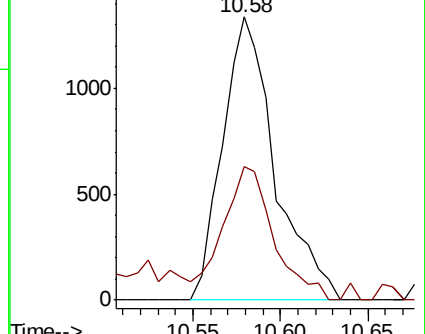
75 100

77 47.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.588 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017297.D

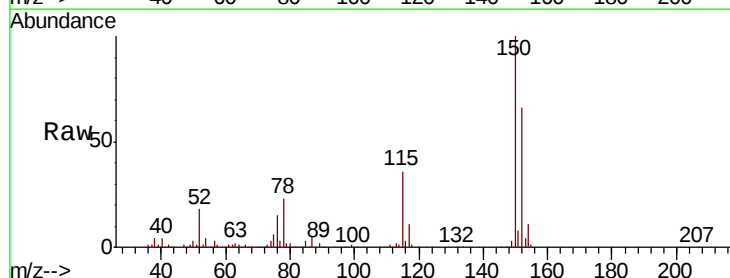
Acq: 17 Nov 2020 20:25

Tgt Ion: 75 Resp: 19106

Ion Ratio Lower Upper

75 100

77 38.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

