

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101220\
 Data File : VW016875.D
 Acq On : 12 Oct 2020 11:07
 Operator : SY/VA
 Sample : L4308-08
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Oct 13 07:00:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	554570	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	492874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	240031	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118651	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
7) Chloroethane-d5	2.89	69	100809	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.88%
10) 1,1-Dichloroethene-d2	4.03	63	183085	15.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.04%
20) 2-Butanone-d5	7.08	46	66832	53.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.86%
24) Chloroform-d	7.65	84	269078	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.31	65	136903	24.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.88%
29) Benzene-d6	8.28	84	543255	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.28	67	151289	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.33	98	507489	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	10.58	79	65831	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.24%
39) 2-Hexanone-d5	10.93	63	53870	57.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129078	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	189109	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

Target Compounds

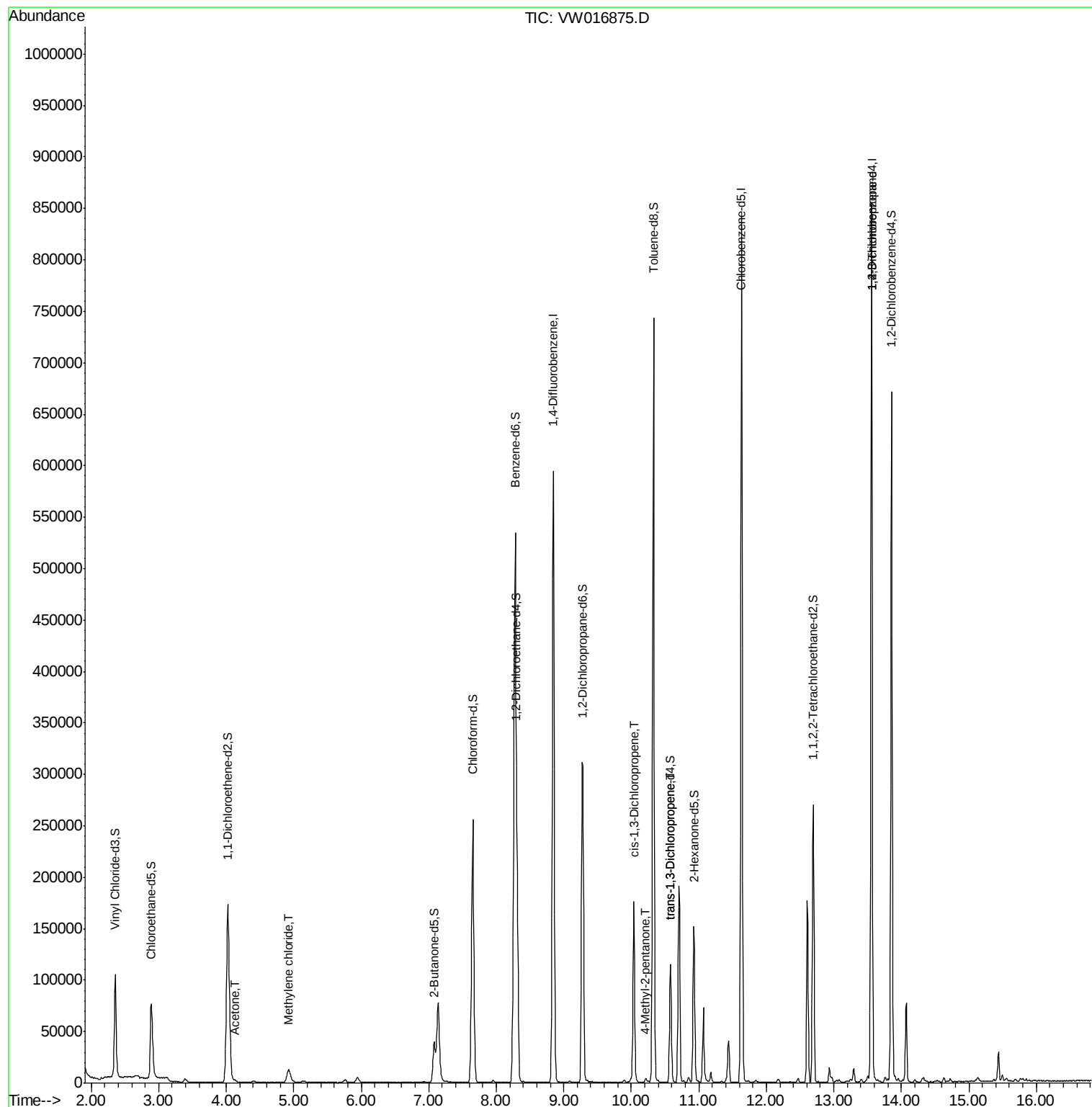
					Ovalue
13) Acetone	4.12	43	3001	3.200 ug/L	73
16) Methylene chloride	4.92	84	11635	1.520 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4554	0.477 ug/L #	66
43) 4-Methyl-2-pentanone	10.21	43	2675	0.888 ug/L #	94
45) trans-1,3-Dichloropropene	10.58	75	2991	0.372 ug/L #	79
59) 1,2,3-Trichloropropane	13.56	75	24631	6.323 ug/L	92

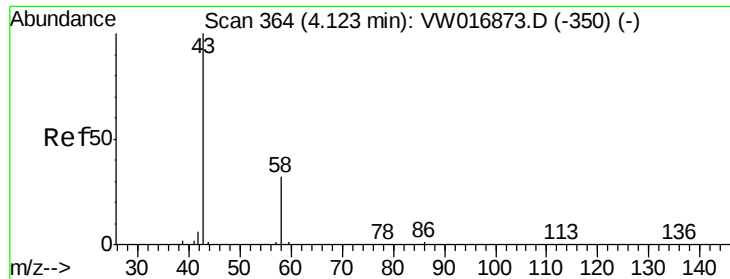
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 13 06:53:04 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.200 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW016875.D

Acq: 12 Oct 2020 11:07

Instrument :

MSVOA_W

ClientSampled :

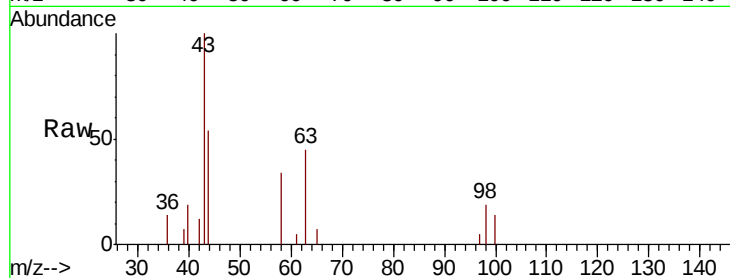
VHBLK02

Tot Ion: 43 Resp: 3001

Ion Ratio Lower Upper

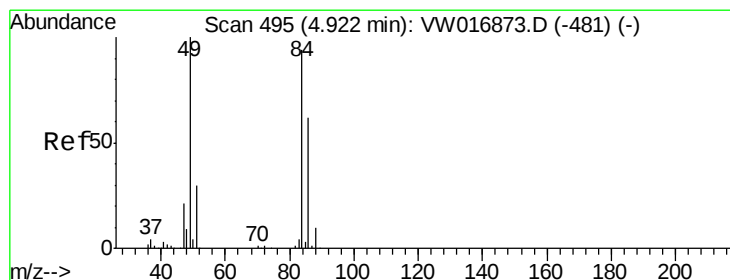
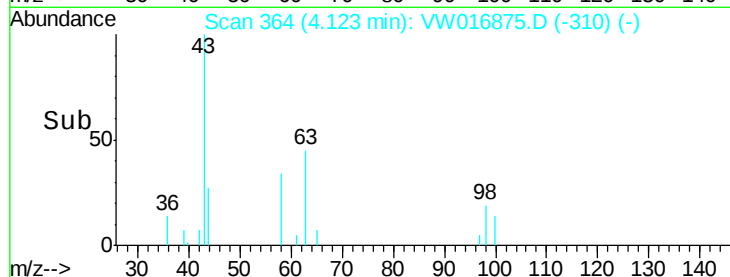
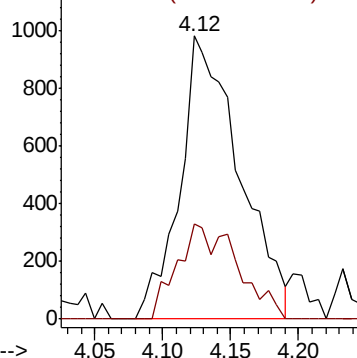
43 100

58 18.6 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.520 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016875.D

Acq: 12 Oct 2020 11:07

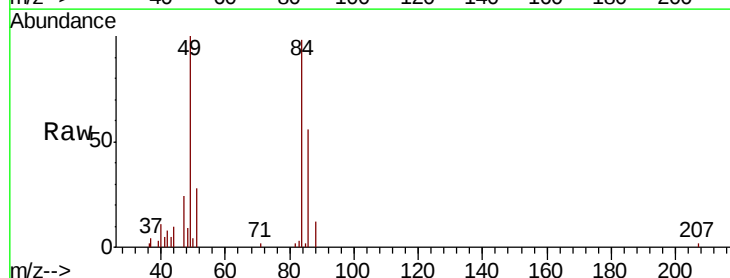
Tgt Ion: 84 Resp: 11635

Ion Ratio Lower Upper

84 100

49 102.1 73.1 135.8

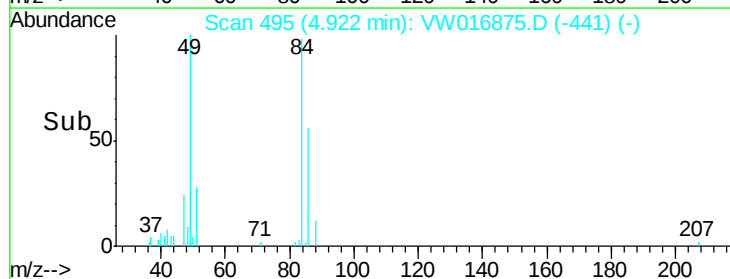
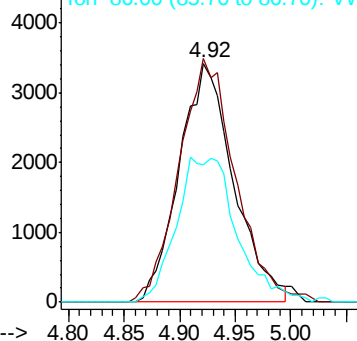
86 57.6 46.0 85.4

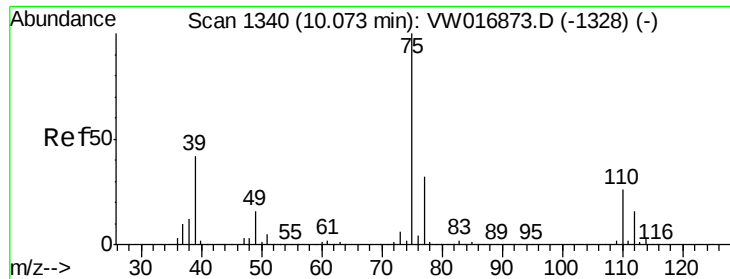


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.477 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016875.D

Acq: 12 Oct 2020 11:07

Instrument :

MSVOA_W

ClientSampled :

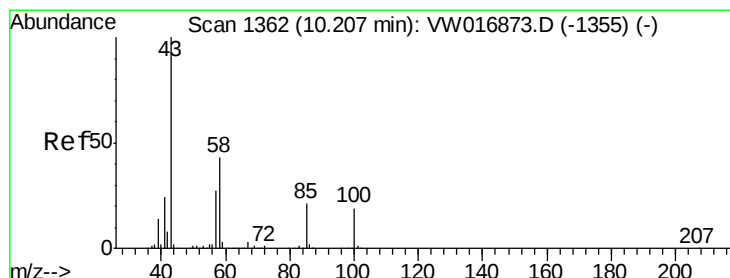
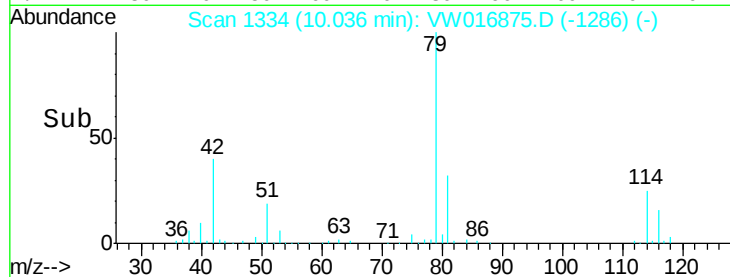
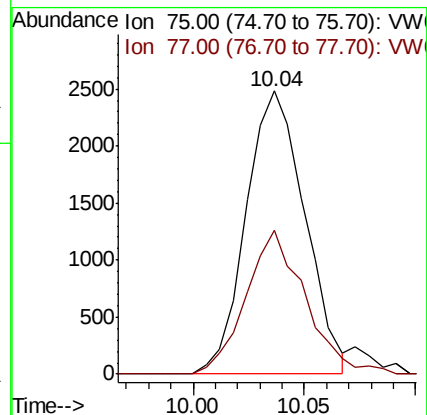
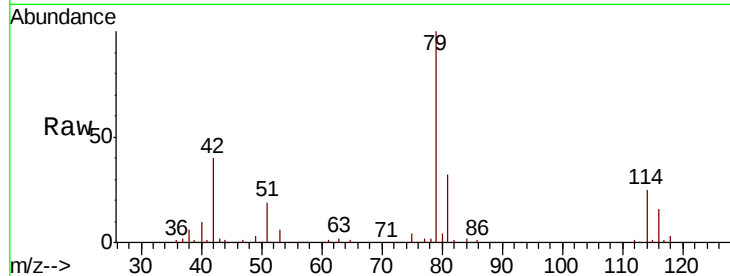
VHBLK02

Tot Ion: 75 Resp: 4554

Ion Ratio Lower Upper

75 100

77 50.7 22.1 41.1#



#43

4-Methyl-2-pentanone

Concen: 0.888 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW016875.D

Acq: 12 Oct 2020 11:07

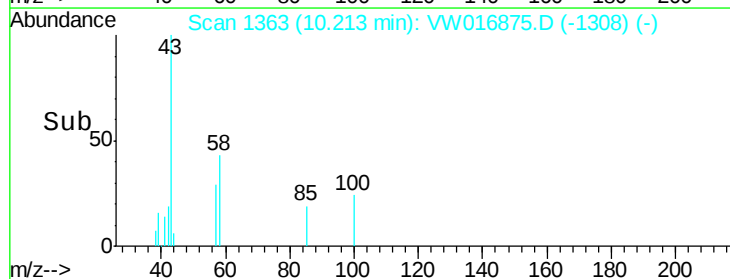
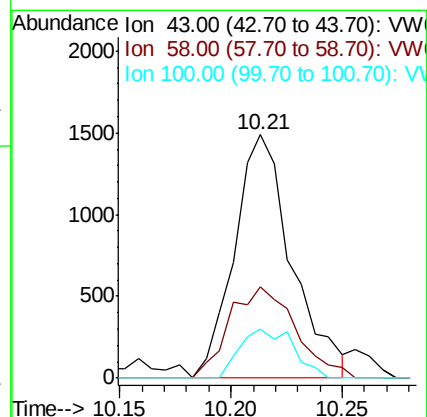
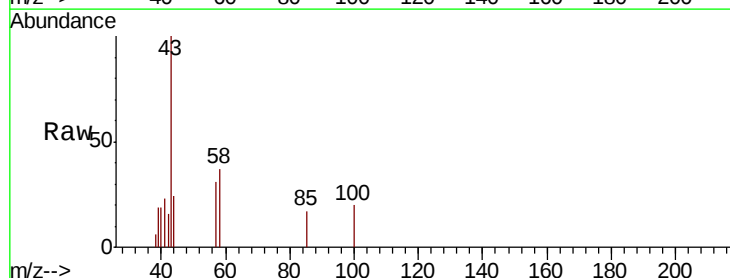
Tgt Ion: 43 Resp: 2675

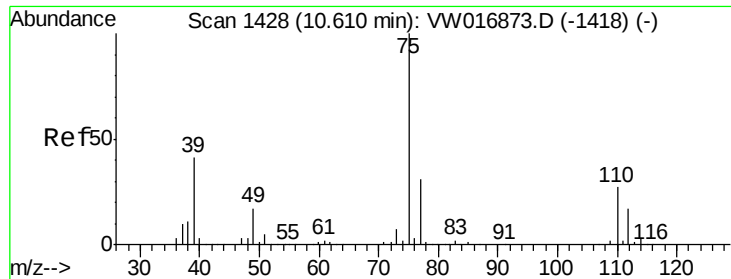
Ion Ratio Lower Upper

43 100

58 42.8 34.7 52.1

100 12.7 16.9 25.3#





#45

trans-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016875.D

Acq: 12 Oct 2020 11:07

Instrument :

MSVOA_W

ClientSampleId :

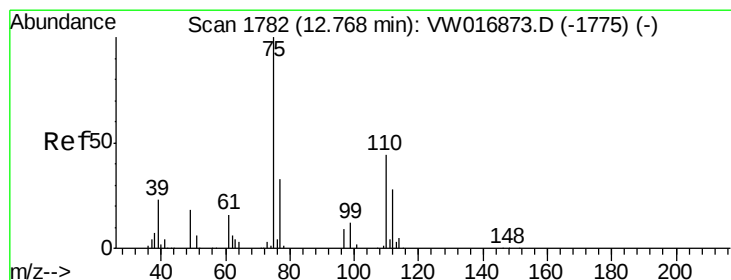
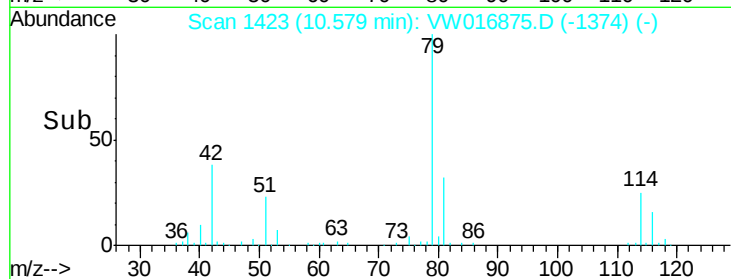
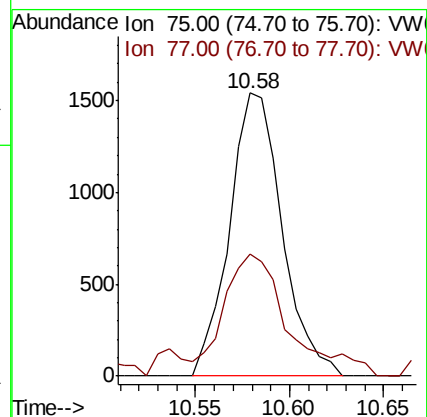
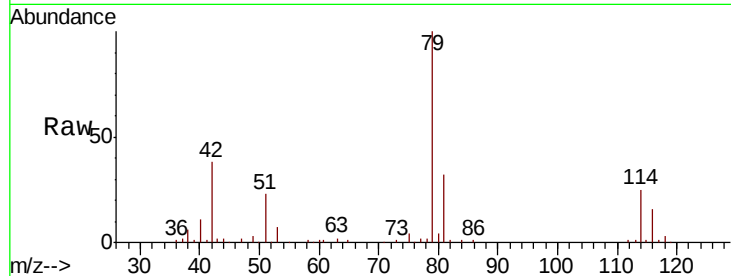
VHBLK02

Tot Ion: 75 Resp: 2991

Ion Ratio Lower Upper

75 100

77 43.3 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 6.323 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016875.D

Acq: 12 Oct 2020 11:07

Tgt Ion: 75 Resp: 24631

Ion Ratio Lower Upper

75 100

77 37.2 26.2 39.2

