

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017131.D
 Acq On : 10 Nov 2020 11:39
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

Quant Time: Nov 11 05:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	454053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	415329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192205	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	141409	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
7) Chloroethane-d5	2.90	69	114559	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
10) 1,1-Dichloroethene-d2	4.03	63	184031	17.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.96%
20) 2-Butanone-d5	7.09	46	54805	42.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.70%
24) Chloroform-d	7.65	84	267099	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	8.31	65	133710	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.48%
29) Benzene-d6	8.28	84	527665	24.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.80%
33) 1,2-Dichloropropane-d6	9.28	67	146931	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.33	98	489771	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.24%
38) trans-1,3-Dichloropropene-	10.58	79	59901	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	10.93	63	42497	41.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119589	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	178565	26.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.48%

Target Compounds

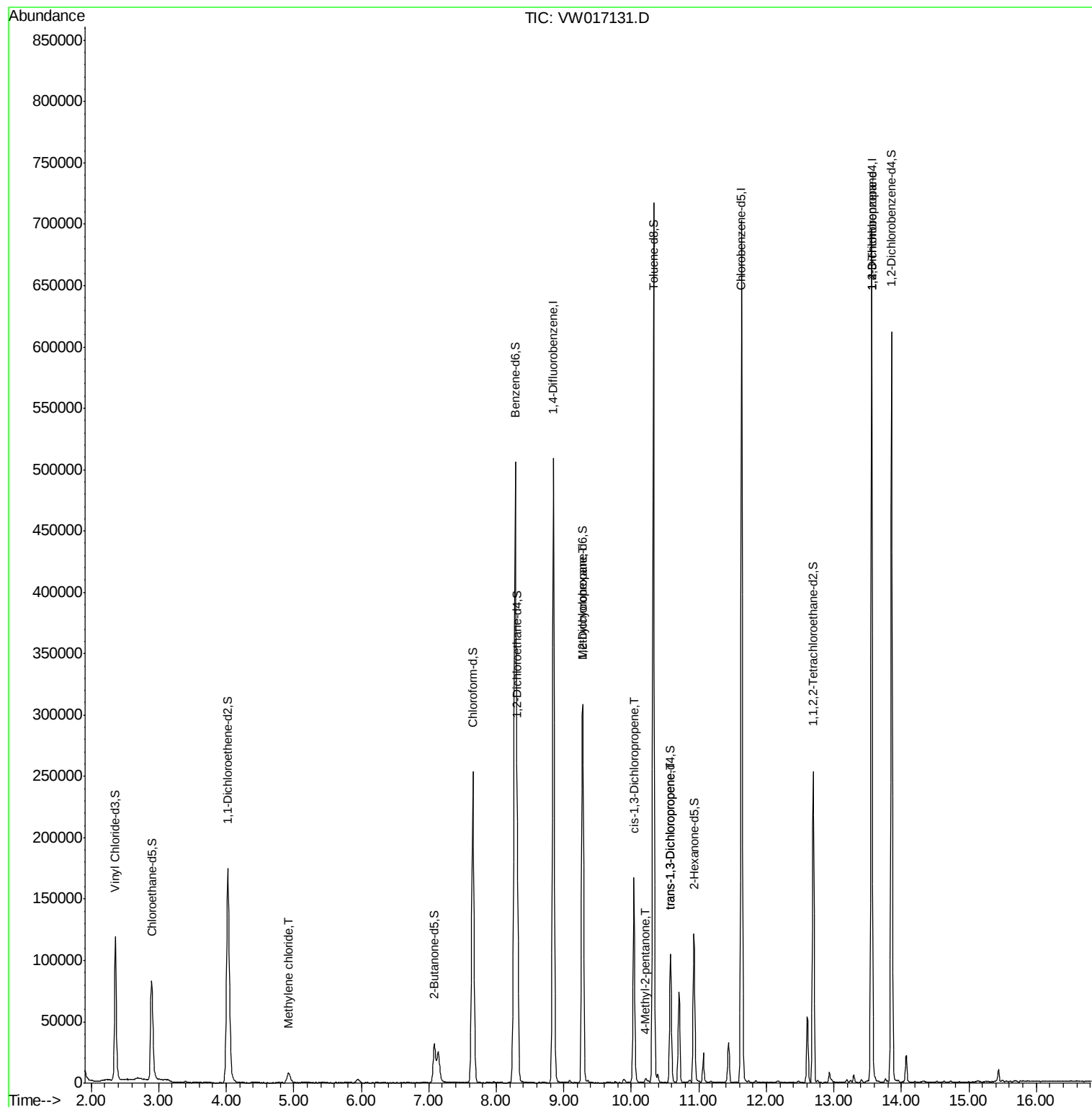
					Ovalue
16) Methylene chloride	4.92	84	7414	1.211 ug/L	95
36) Methylcyclohexane	9.28	83	37756	3.841 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4424	0.548 ug/L #	73
43) 4-Methyl-2-pentanone	10.22	43	2292	0.729 ug/L	97
45) trans-1,3-Dichloropropene	10.59	75	3030	0.437 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	19976	5.473 ug/L	94

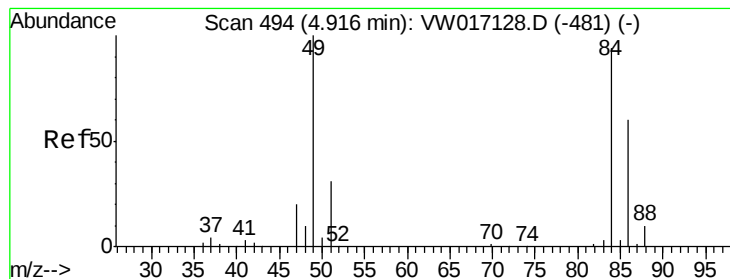
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 1.211 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017131.D

Acq: 10 Nov 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

VIBLK13

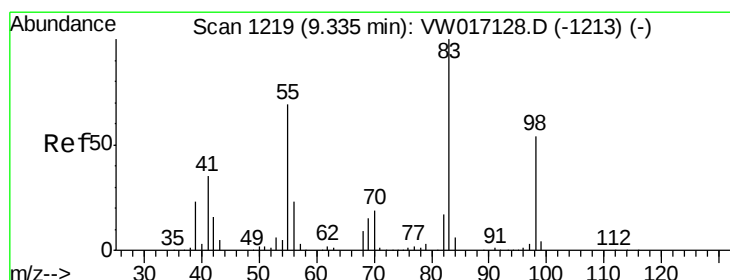
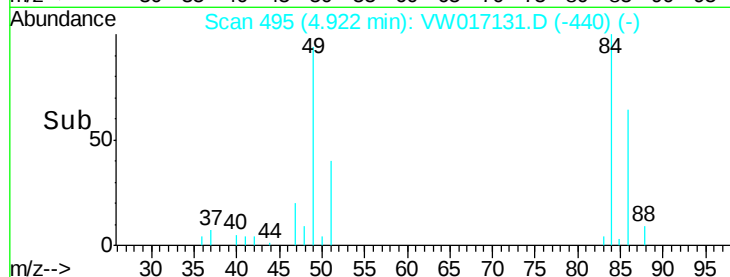
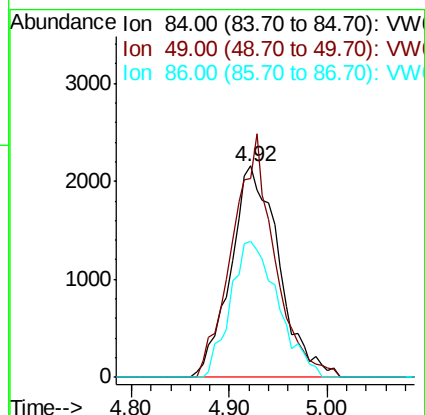
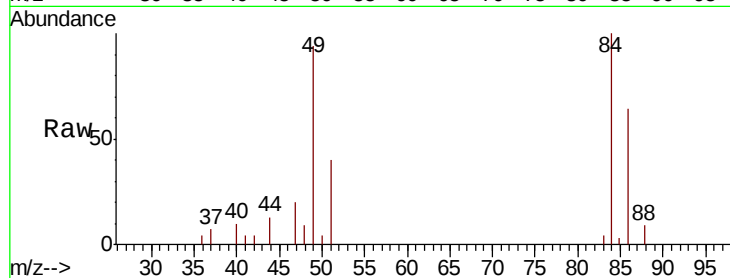
Tot Ion: 84 Resp: 7414

Ion Ratio Lower Upper

84 100

49 94.3 72.3 134.3

86 64.5 45.1 83.7



#36

Methylcyclohexane

Concen: 3.841 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW017131.D

Acq: 10 Nov 2020 11:39

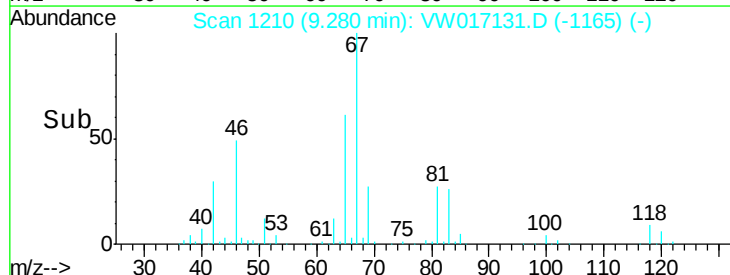
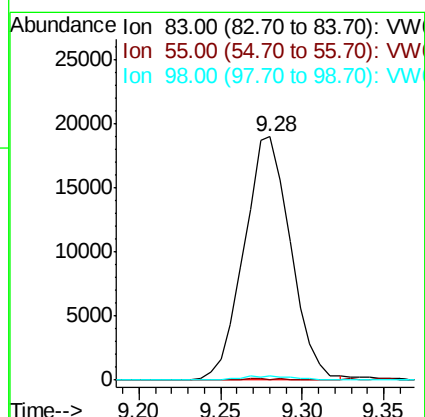
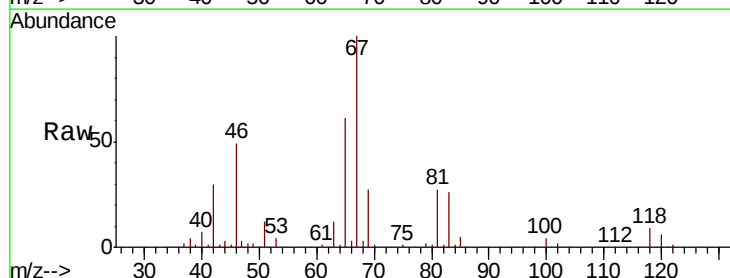
Tgt Ion: 83 Resp: 37756

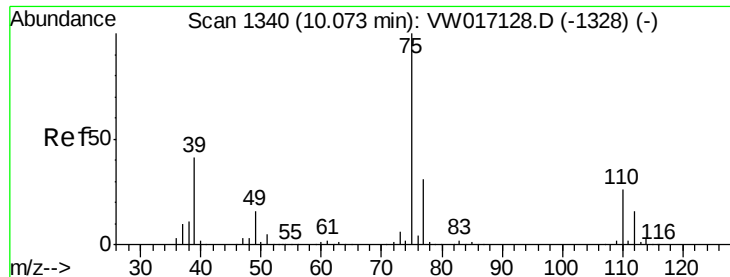
Ion Ratio Lower Upper

83 100

55 0.3 54.4 81.6#

98 1.7 40.5 60.7#





#42

cis-1,3-Dichloropropene

Concen: 0.548 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017131.D

Acq: 10 Nov 2020 11:39

Instrument :

MSVOA_W

ClientSampled :

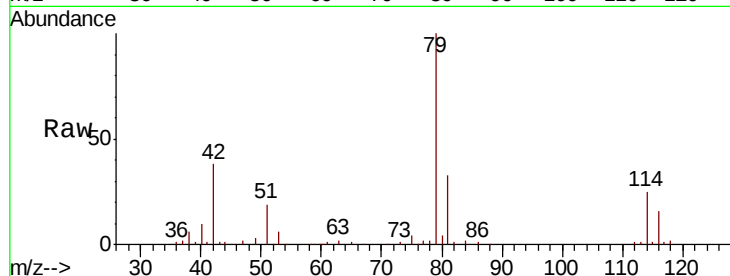
VIBLK13

Tot Ion: 75 Resp: 4424

Ion Ratio Lower Upper

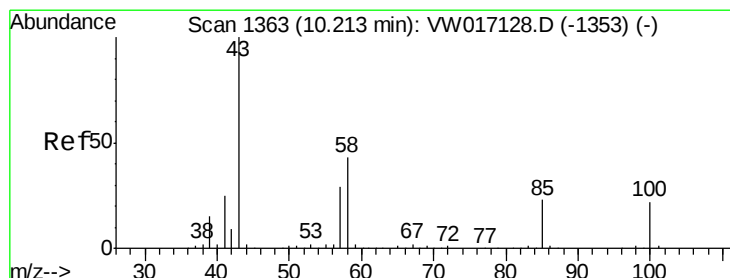
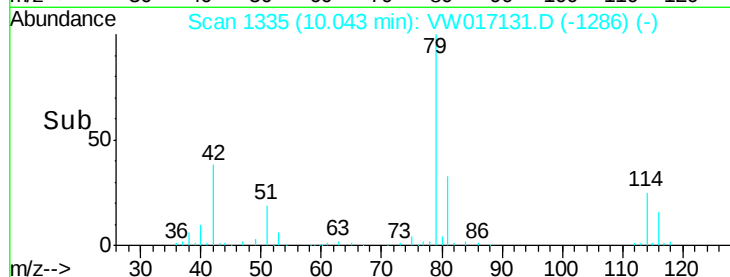
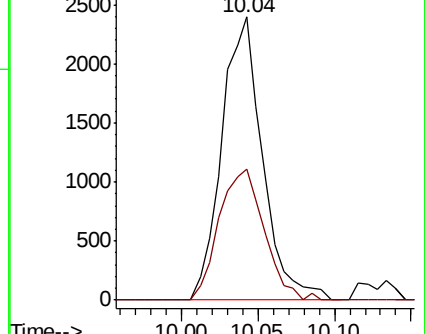
75 100

77 46.4 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 0.729 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017131.D

Acq: 10 Nov 2020 11:39

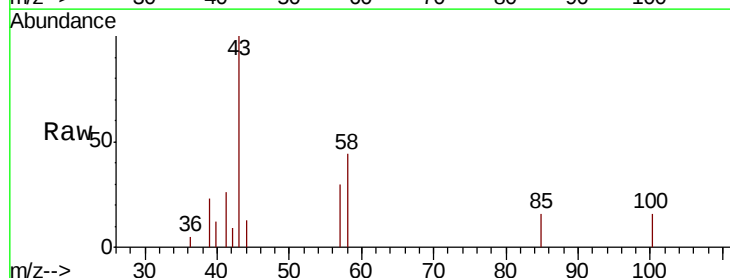
Tgt Ion: 43 Resp: 2292

Ion Ratio Lower Upper

43 100

58 45.1 35.0 52.6

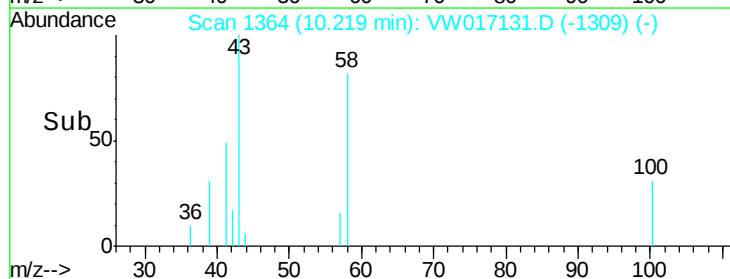
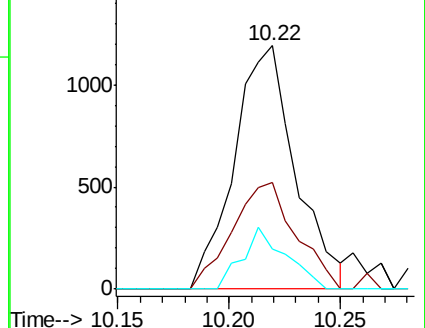
100 17.8 16.6 24.8

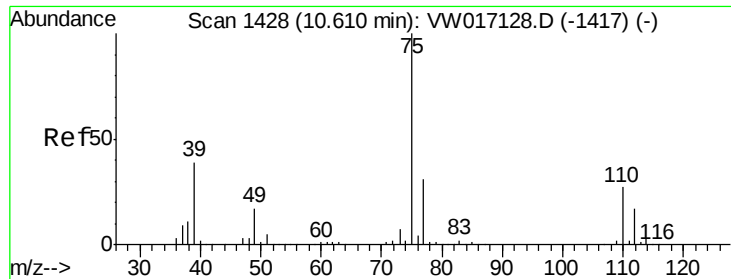


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017131.D

Acq: 10 Nov 2020 11:39

Instrument :

MSVOA_W

ClientSampleId :

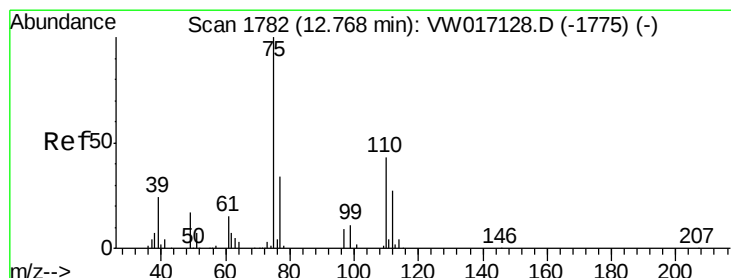
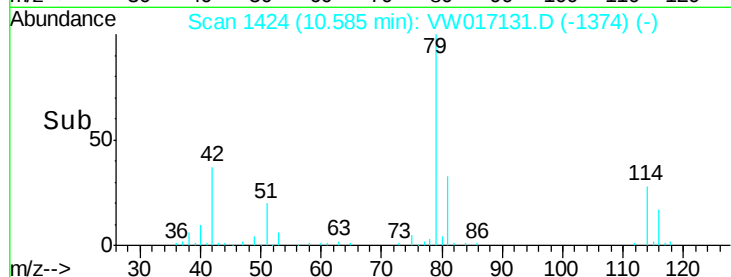
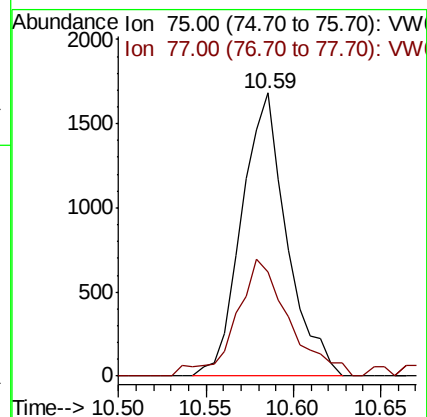
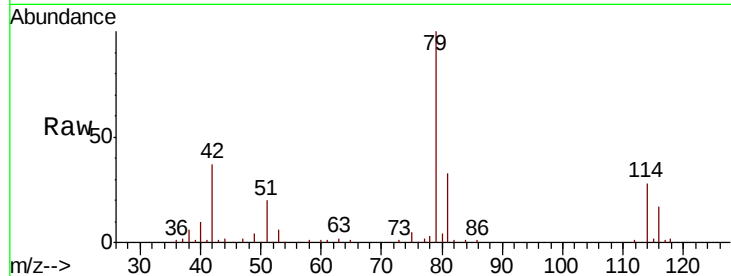
VIBLK13

Tot Ion: 75 Resp: 3030

Ion Ratio Lower Upper

75 100

77 36.8 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 5.473 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017131.D

Acq: 10 Nov 2020 11:39

Tgt Ion: 75 Resp: 19976

Ion Ratio Lower Upper

75 100

77 36.5 26.4 39.6

