

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017049.D
 Acq On : 02 Nov 2020 15:55
 Operator : SY/VA
 Sample : L4502-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Nov 03 04:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431176	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203392	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114124	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	2.89	69	96812	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.44%
10) 1,1-Dichloroethene-d2	4.02	63	178130	16.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.00%
20) 2-Butanone-d5	7.08	46	55866	54.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.50%
24) Chloroform-d	7.65	84	267836	24.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.08%
26) 1,2-Dichloroethane-d4	8.31	65	129136	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.48%
29) Benzene-d6	8.27	84	544549	24.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.36%
33) 1,2-Dichloropropane-d6	9.27	67	154183	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.16%
37) Toluene-d8	10.32	98	510238	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.88%
38) trans-1,3-Dichloropropene-	10.58	79	59142	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.24%
39) 2-Hexanone-d5	10.93	63	44919	53.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119155	26.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	184456	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds

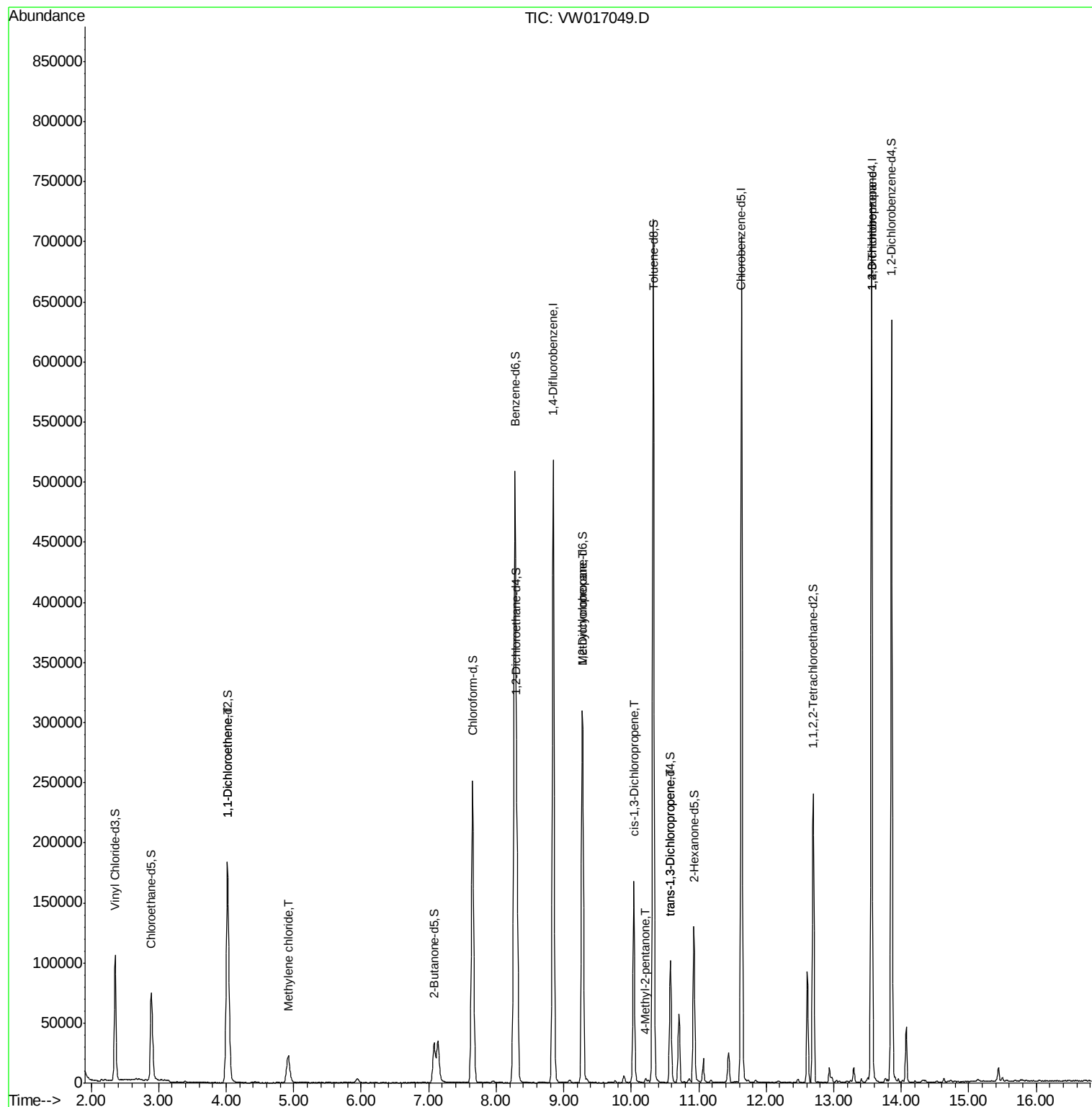
					Ovalue
12) 1,1-Dichloroethene	4.01	96	1694	0.273 ug/L #	1
16) Methylene chloride	4.92	84	20590	3.288 ug/L	94
36) Methylcyclohexane	9.27	83	39323	3.549 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	4187	0.503 ug/L #	71
43) 4-Methyl-2-pentanone	10.21	43	2361	0.936 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2816	0.409 ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	20559	6.286 ug/L	91

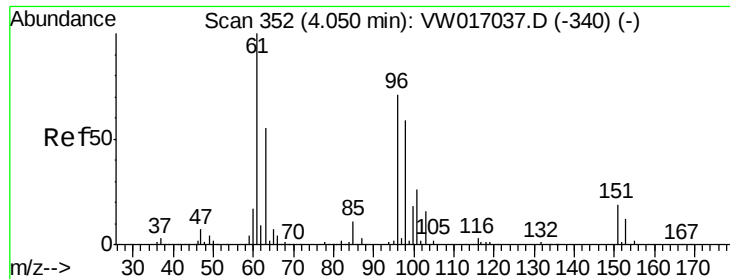
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.273 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.04 min

Lab File: VW017049.D

Acq: 02 Nov 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

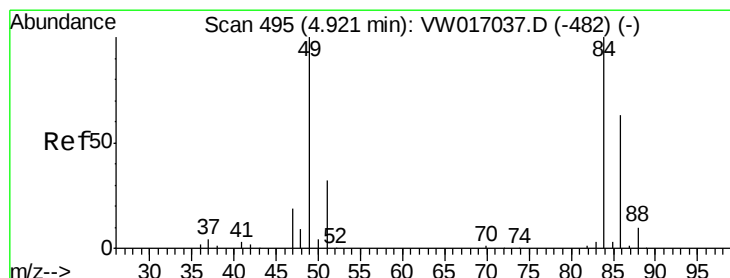
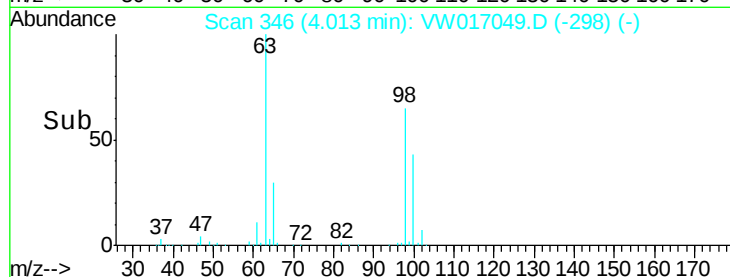
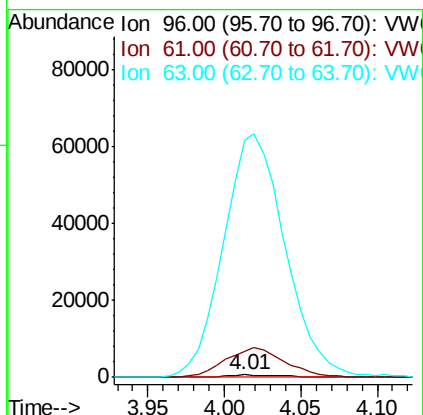
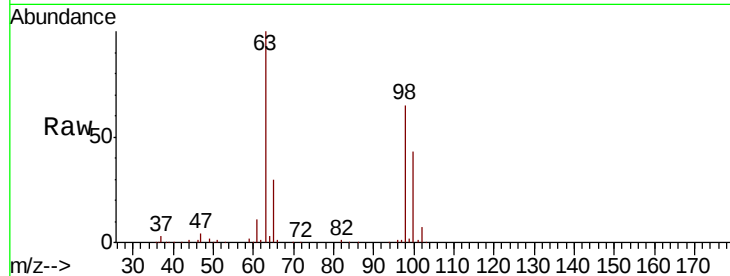
Tot Ion: 96 Resp: 1694

Ion Ratio Lower Upper

96 100

61 1123.9 101.4 188.4#

63 10055.3 78.5 145.9#



#16

Methylene chloride

Concen: 3.288 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017049.D

Acq: 02 Nov 2020 15:55

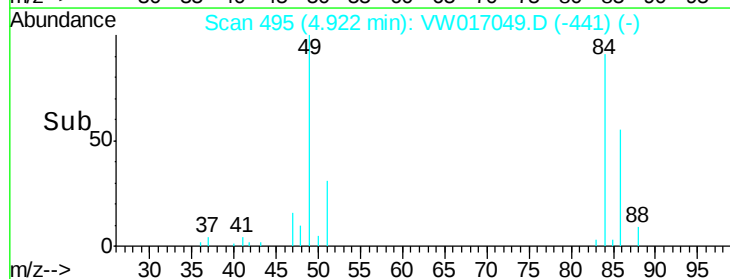
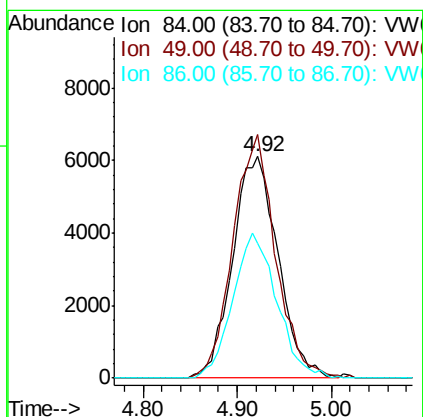
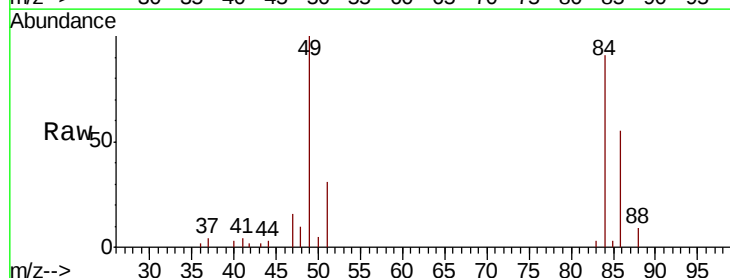
Tgt Ion: 84 Resp: 20590

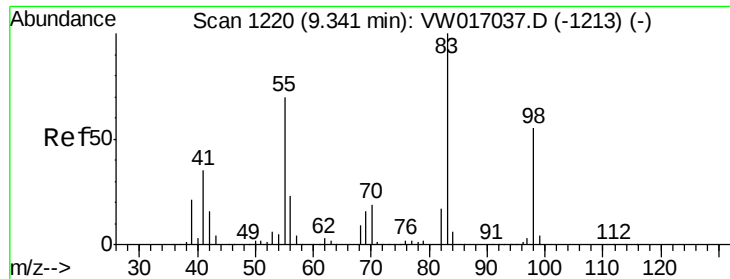
Ion Ratio Lower Upper

84 100

49 110.0 73.8 137.0

86 60.7 47.4 88.0

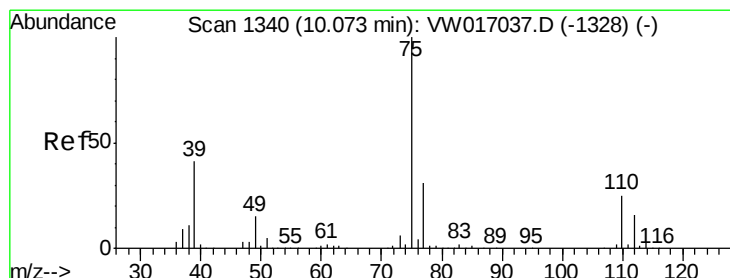
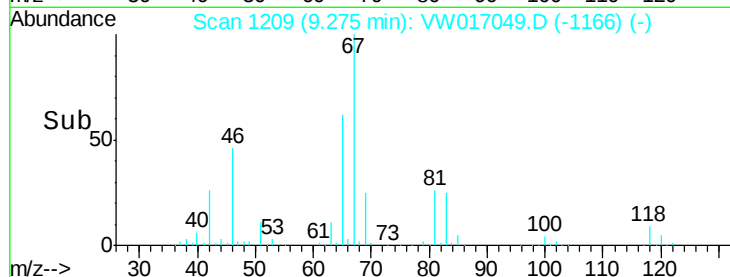
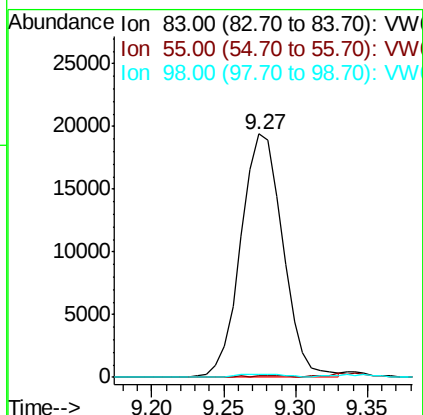
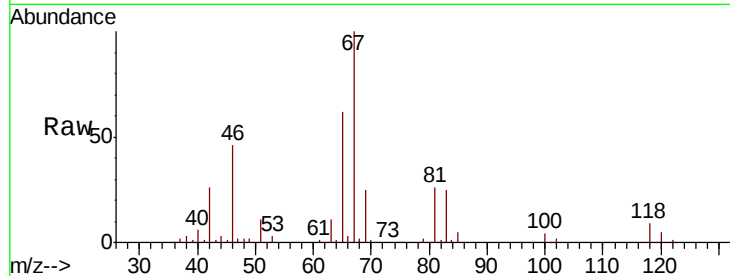




#36
Methylcyclohexane
Concen: 3.549 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW017049.D
Acq: 02 Nov 2020 15:55

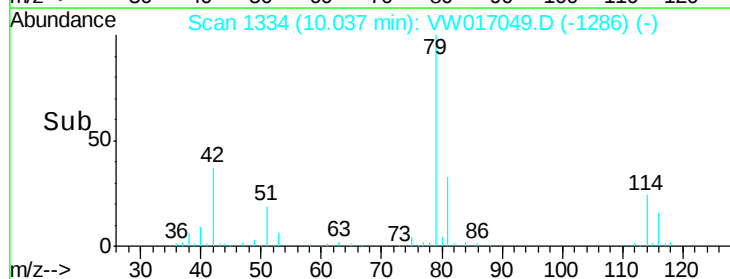
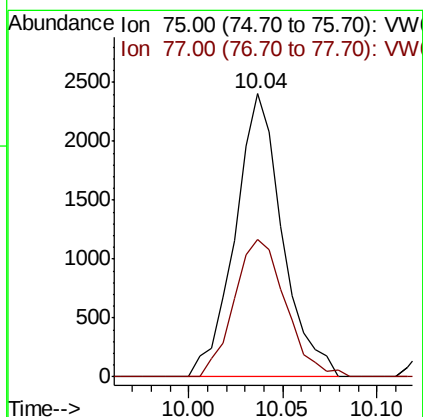
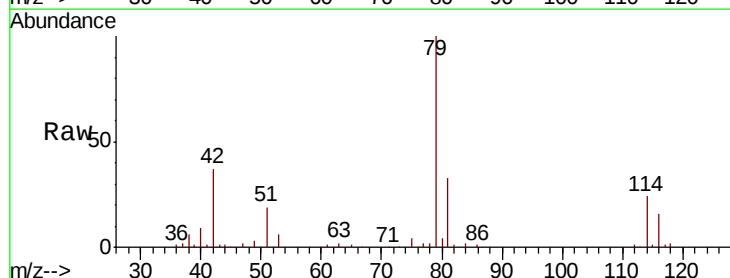
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

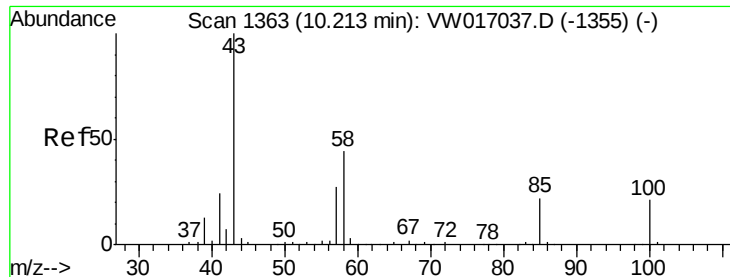
Tot Ion: 83 Resp: 39323
Ion Ratio Lower Upper
83 100
55 0.4 54.5 81.7#
98 1.0 40.8 61.2#



#42
cis-1,3-Dichloropropene
Concen: 0.503 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017049.D
Acq: 02 Nov 2020 15:55

Tgt Ion: 75 Resp: 4187
Ion Ratio Lower Upper
75 100
77 48.5 22.7 42.1#





#43

4-Methyl-2-pentanone

Concen: 0.936 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017049.D

Acq: 02 Nov 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

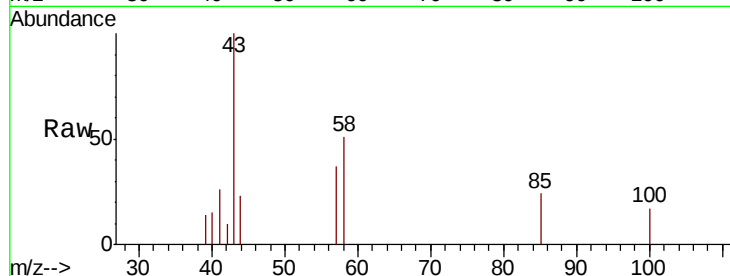
Tot Ion: 43 Resp: 2361

Ion Ratio Lower Upper

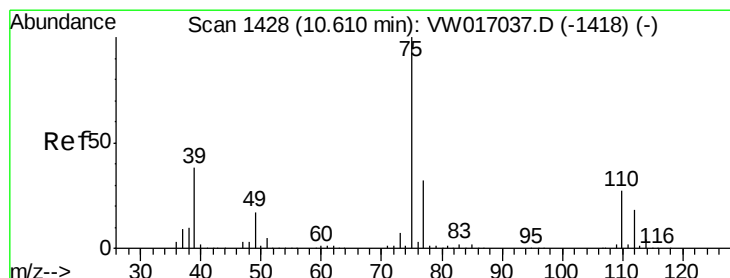
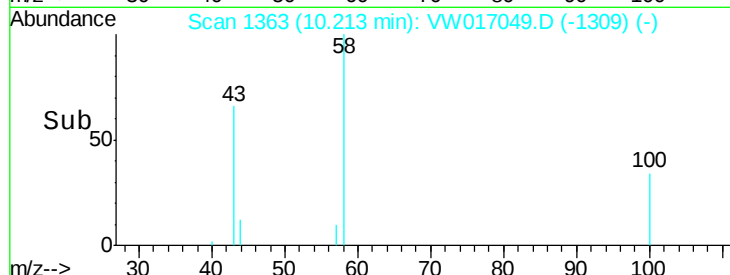
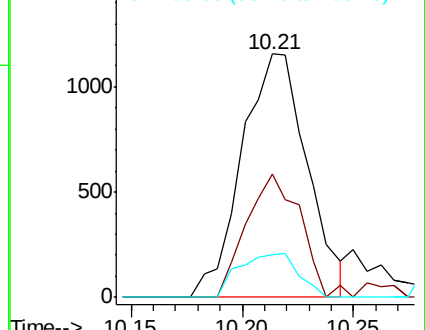
43 100

58 41.0 34.4 51.6

100 16.3 16.2 24.2



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: 0.409 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017049.D

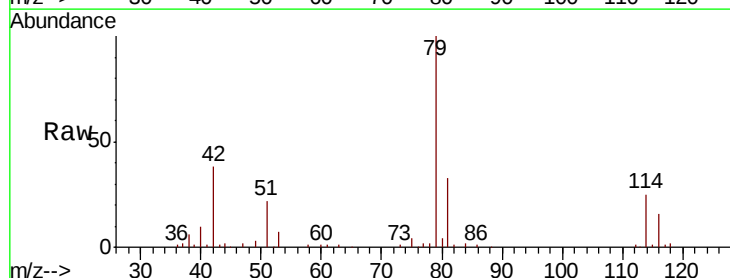
Acq: 02 Nov 2020 15:55

Tgt Ion: 75 Resp: 2816

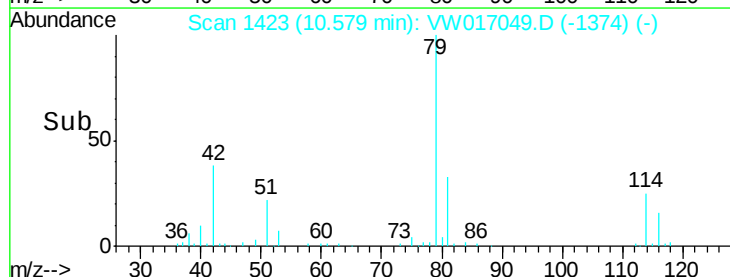
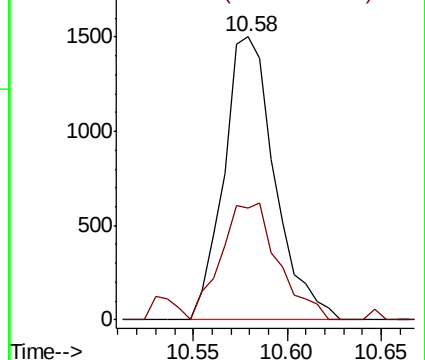
Ion Ratio Lower Upper

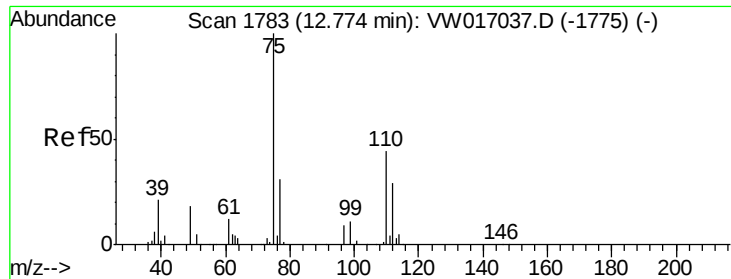
75 100

77 39.7 22.7 42.3



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: 6.286 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017049.D

Acq: 02 Nov 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

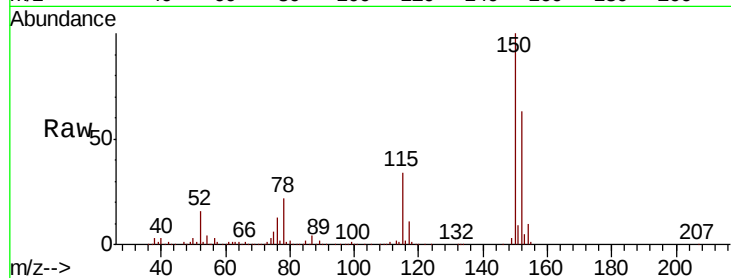
VHBLK01

Tot Ion: 75 Resp: 20559

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

