

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017095.D
 Acq On : 06 Nov 2020 11:38
 Operator : SY/VA
 Sample : VW1106SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:33:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392853	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187707	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128821	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	2.89	69	98681	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	4.02	63	165678	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	7.08	46	55008	45.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.12%
24) Chloroform-d	7.65	84	237273	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	122464	24.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.40%
29) Benzene-d6	8.28	84	476005	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.27	67	135010	24.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.60%
37) Toluene-d8	10.32	98	440535	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	10.58	79	55121	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
39) 2-Hexanone-d5	10.93	63	43198	44.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114306	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	167661	25.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.40%

Target Compounds

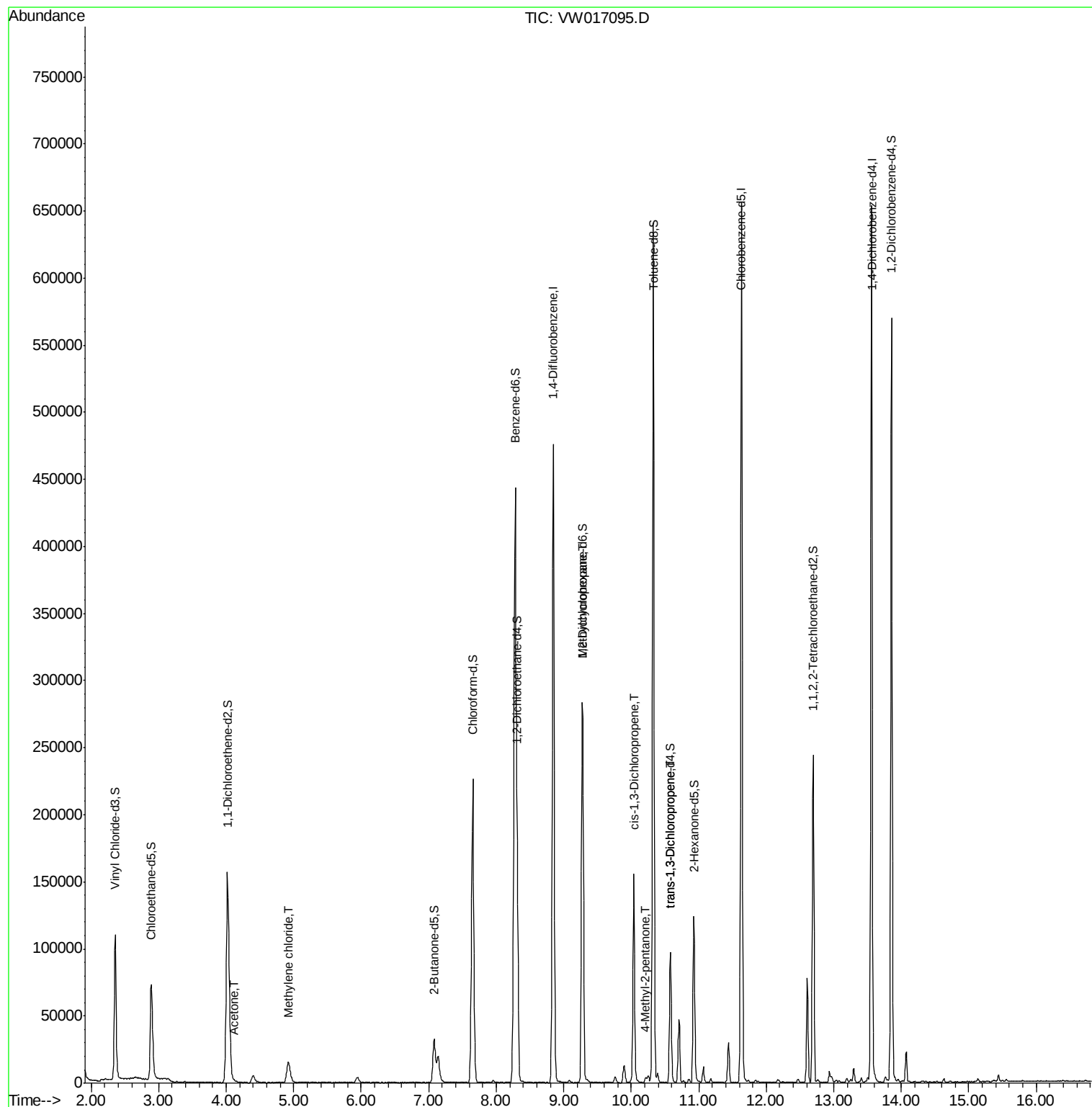
					Ovalue
13) Acetone	4.12	43	339	0.415 ug/L	70
16) Methylene chloride	4.92	84	14347	2.455 ug/L	99
36) Methylcyclohexane	9.28	83	34214	3.680 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4228	0.554 ug/L #	73
43) 4-Methyl-2-pentanone	10.21	43	2626	0.883 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2882	0.439 ug/L	84

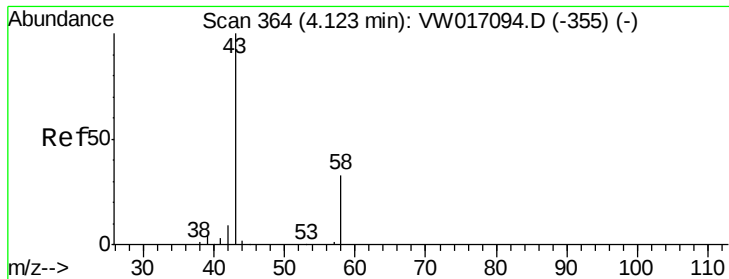
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 04:26:24 2020
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#13

Acetone

Concen: 0.415 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW017095.D

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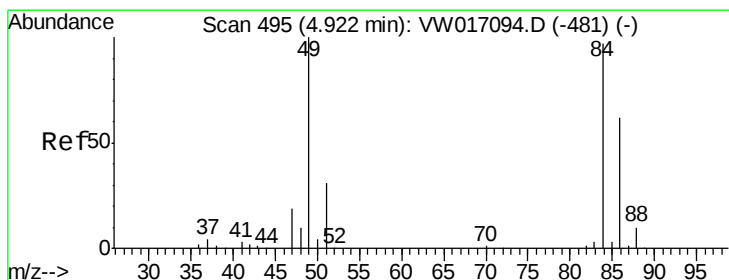
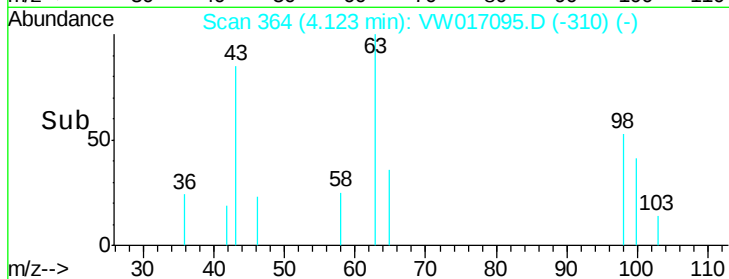
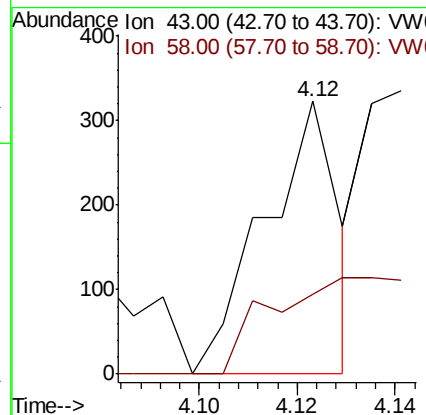
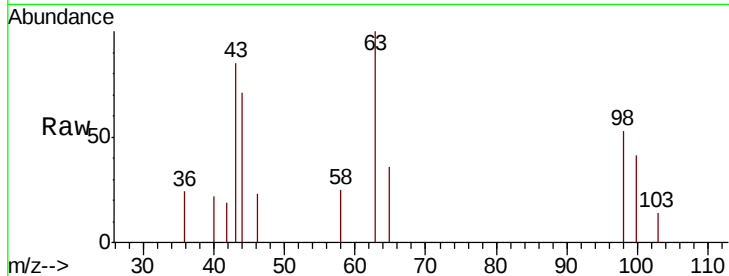
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 339

Ion Ratio Lower Upper

43 100

58 17.4 0.0 69.2



#16

Methylene chloride

Concen: 2.455 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017095.D

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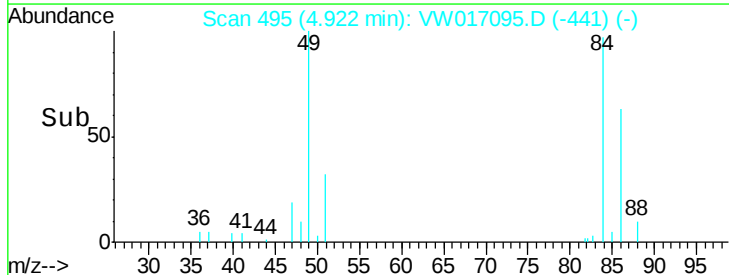
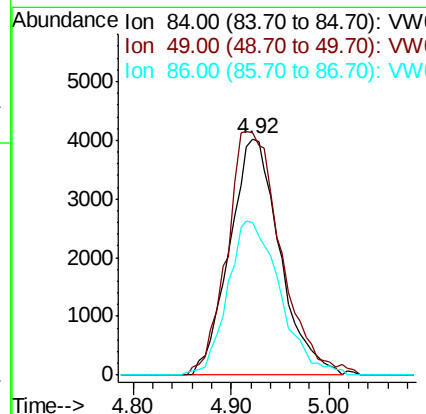
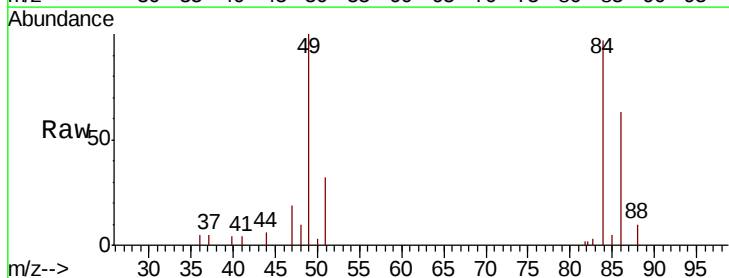
Tgt Ion: 84 Resp: 14347

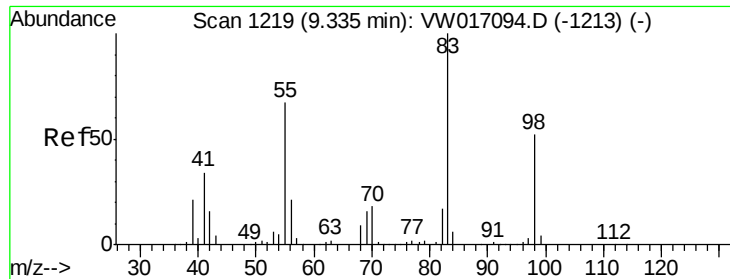
Ion Ratio Lower Upper

84 100

49 102.7 72.3 134.3

86 65.0 45.1 83.7

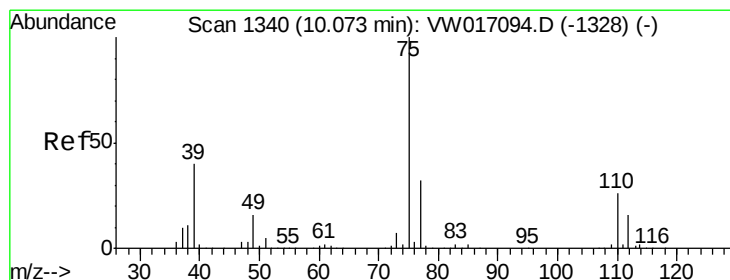
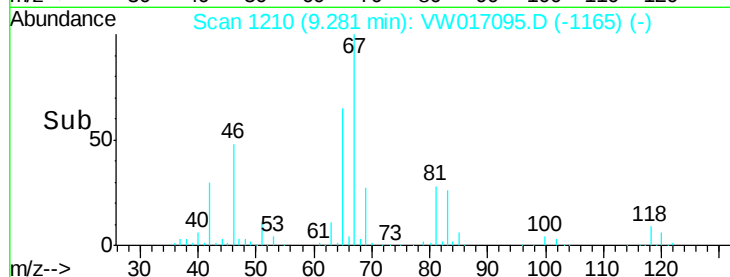
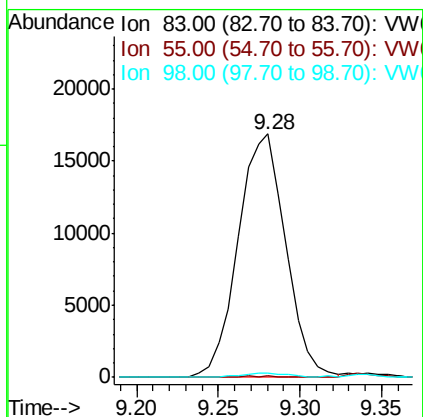
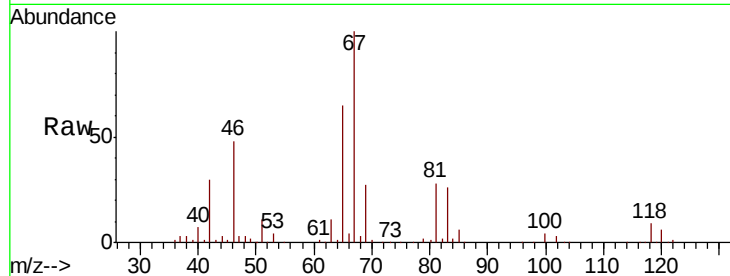




#36
Methvlcvclohexane
Concen: 3.680 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017095.D
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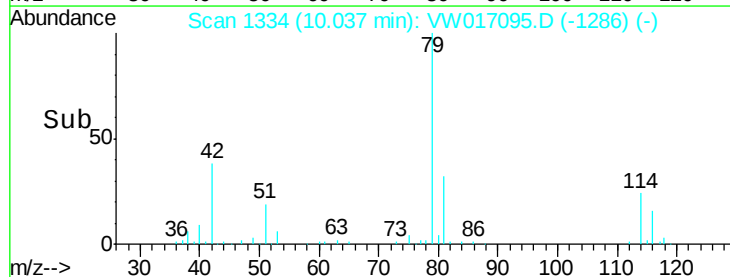
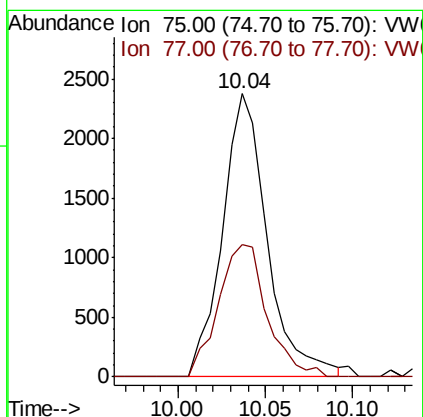
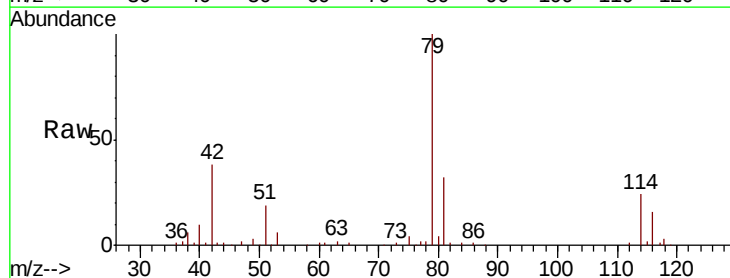
Instrument :
MSVOA_W
ClientSampleId :

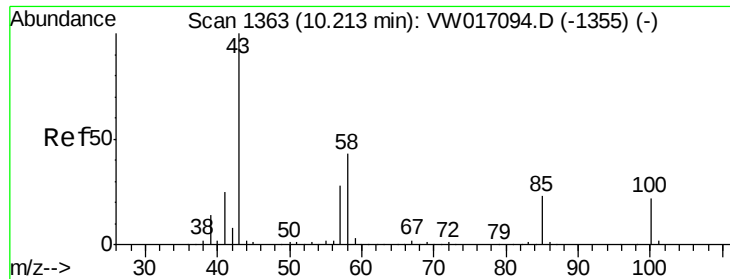
Tot Ion: 83 Resp: 34214
Ion Ratio Lower Upper
83 100
55 0.4 54.4 81.6#
98 1.7 40.5 60.7#



#42
cis-1,3-Dichloropropene
Concen: 0.554 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017095.D
Acq: 06 Nov 2020 11:38

Tgt Ion: 75 Resp: 4228
Ion Ratio Lower Upper
75 100
77 46.7 22.0 41.0#





#43

4-Methyl-2-pentanone

Concen: 0.883 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017095.D

Acq: 06 Nov 2020 11:38

Instrument :

MSVOA_W

ClientSampled :

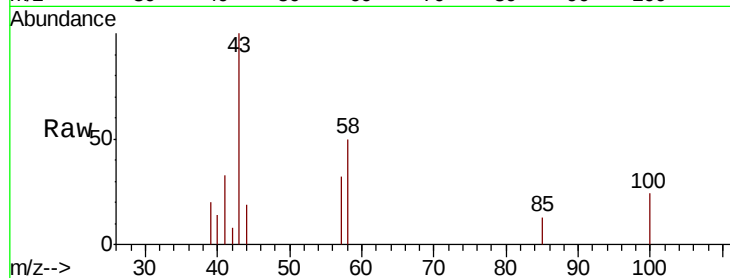
Tot Ion: 43 Resp: 2626

Ion Ratio Lower Upper

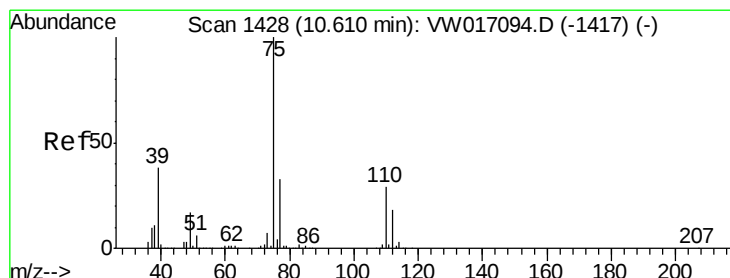
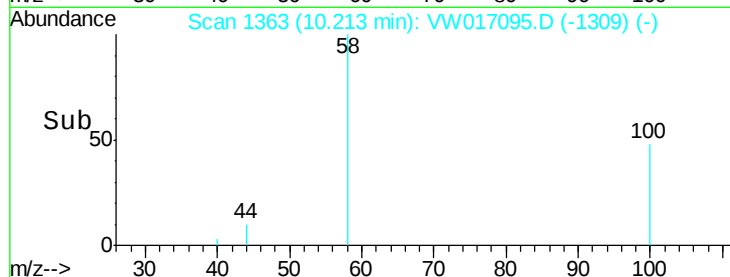
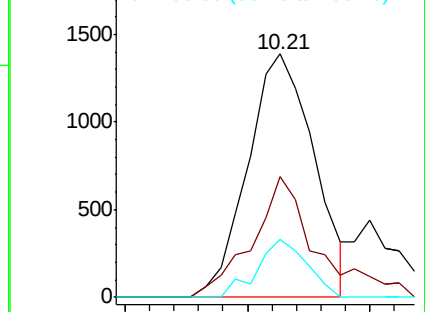
43 100

58 42.1 35.0 52.6

100 17.7 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: 0.439 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017095.D

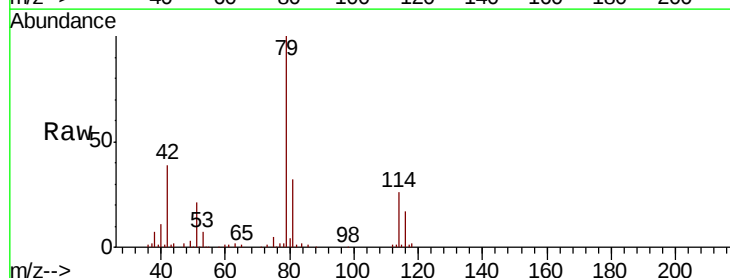
Acq: 06 Nov 2020 11:38

Tgt Ion: 75 Resp: 2882

Ion Ratio Lower Upper

75 100

77 40.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

