

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017223.D
 Acq On : 13 Nov 2020 19:20
 Operator : SY/VA
 Sample : L4710-08
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AX7

Quant Time: Nov 16 14:17:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 11:48:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	452906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377267	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127890	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119203	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
7) Chloroethane-d5	2.89	69	101969	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	4.02	63	166830	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	7.08	46	26948	21.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.24%
24) Chloroform-d	7.65	84	245232	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.43	65	87	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	482483	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	9.28	67	130988	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.60%
37) Toluene-d8	10.33	98	447057	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.72%
38) trans-1,3-Dichloropropene-	10.58	79	36226	15.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.48%
39) 2-Hexanone-d5	10.93	63	20909	22.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80787	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	99884	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds

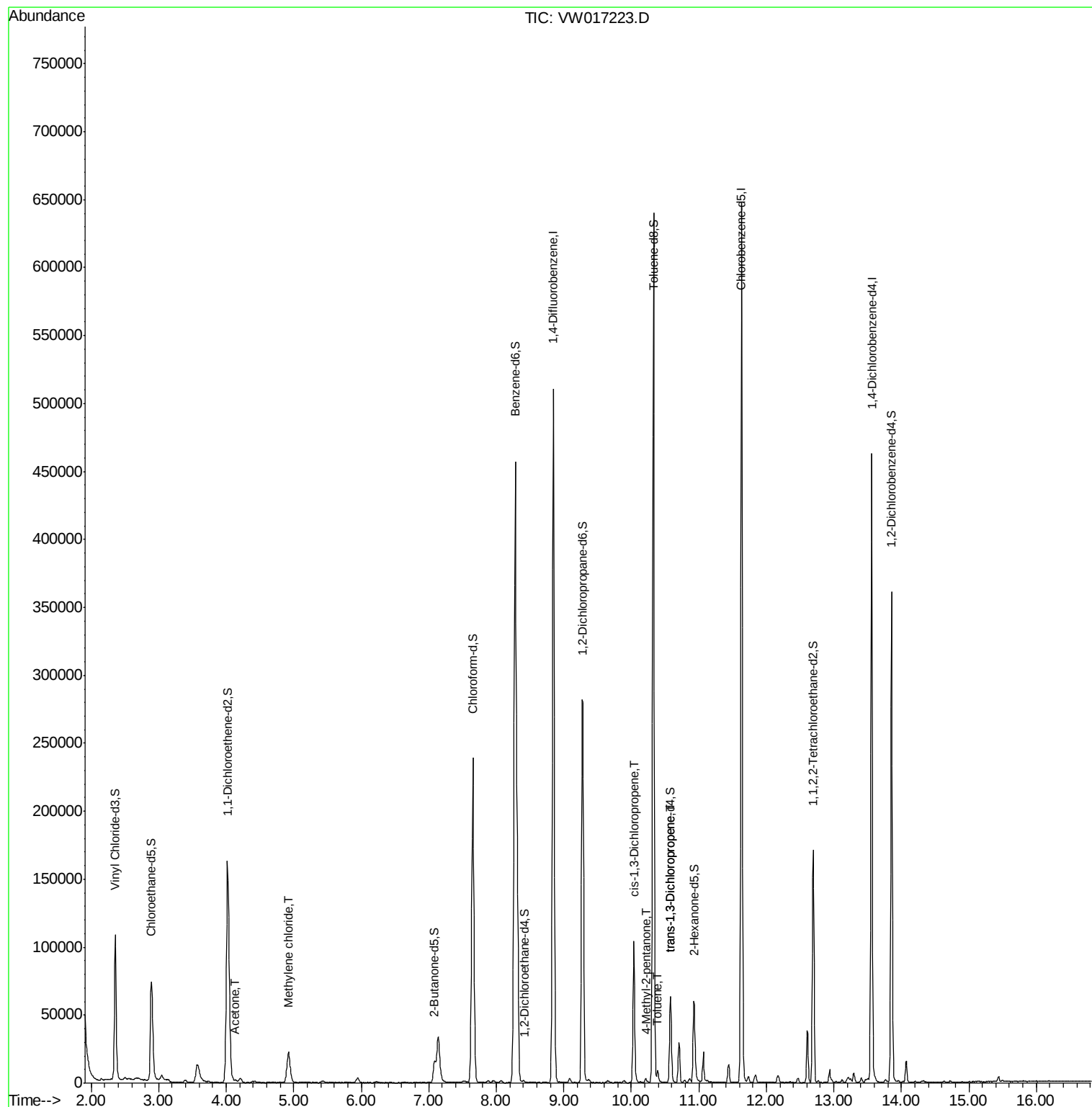
					Ovalue
13) Acetone	4.13	43	3190	3.735 ug/L	78
16) Methylene chloride	4.93	84	20395	3.340 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	3194	0.435 ug/L #	82
43) 4-Methyl-2-pentanone	10.22	43	2267	0.793 ug/L #	93
44) Toluene	10.39	91	6312	0.289 ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	1729	0.274 ug/L	87

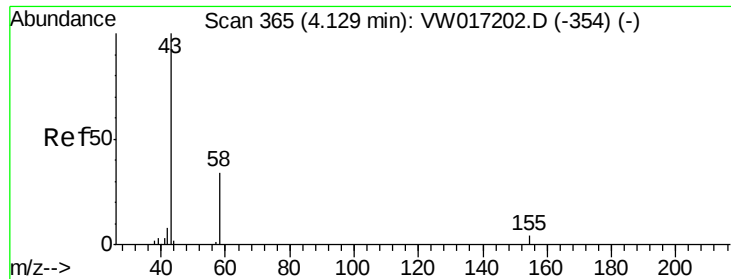
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.735 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017223.D

Acq: 13 Nov 2020 19:20

Instrument :

MSVOA_W

ClientSampleId :

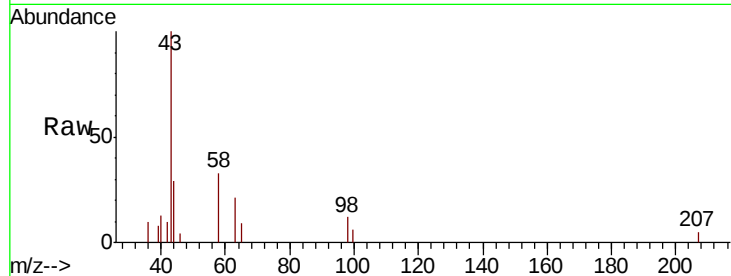
C0AX7

Tot Ion: 43 Resp: 3190

Ion Ratio Lower Upper

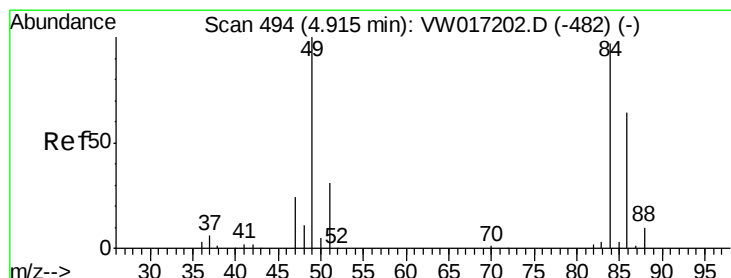
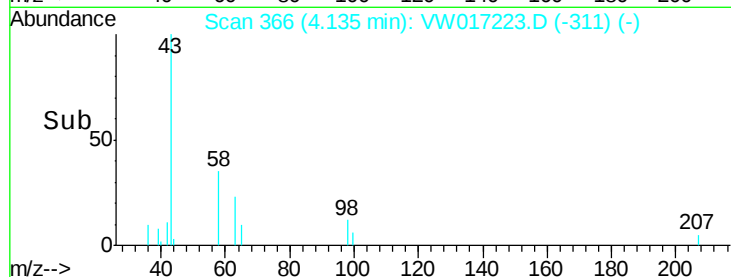
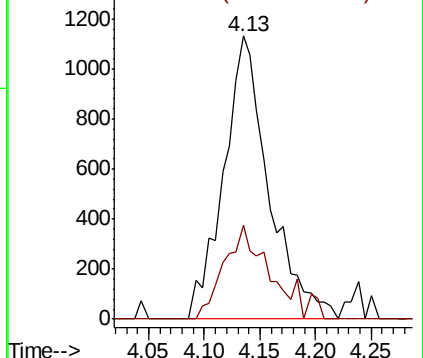
43 100

58 21.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.340 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017223.D

Acq: 13 Nov 2020 19:20

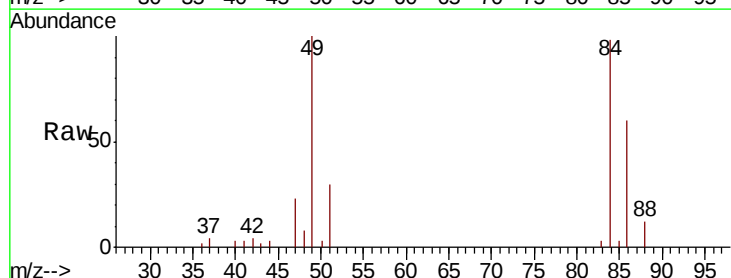
Tgt Ion: 84 Resp: 20395

Ion Ratio Lower Upper

84 100

49 101.7 72.3 134.3

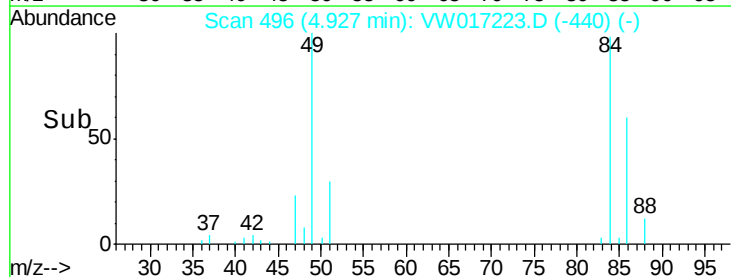
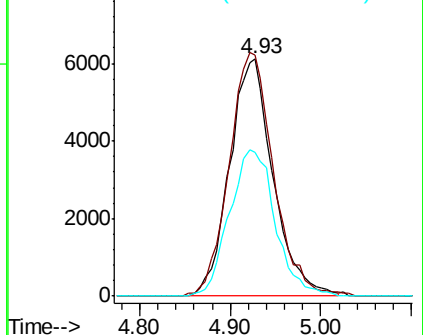
86 60.9 45.1 83.7

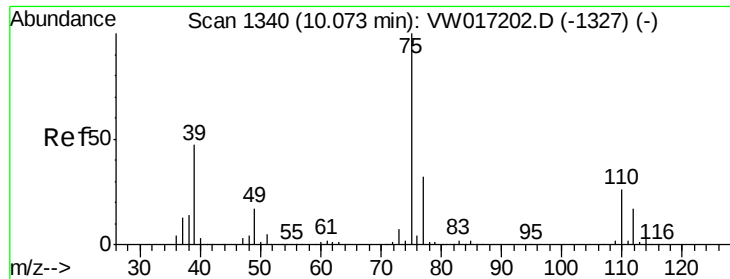


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.435 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017223.D

Acq: 13 Nov 2020 19:20

Instrument :

MSVOA_W

ClientSampleId :

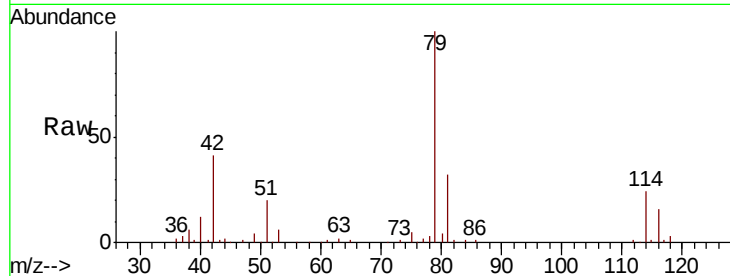
C0AX7

Tot Ion: 75 Resp: 3194

Ion Ratio Lower Upper

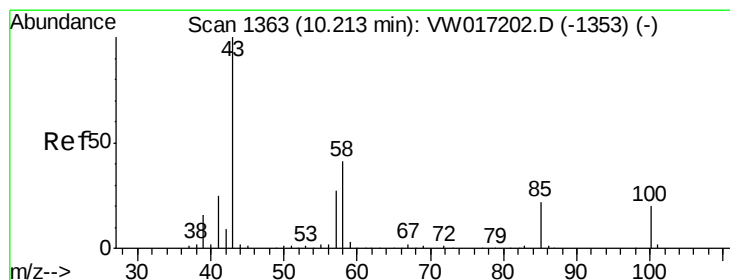
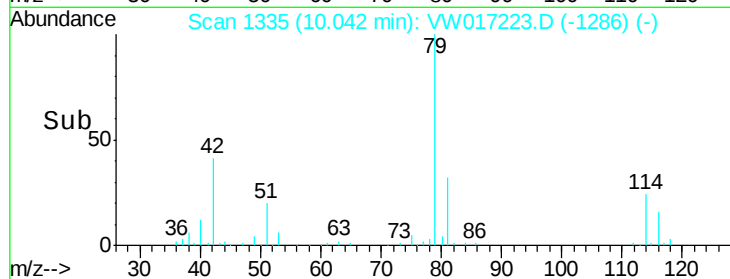
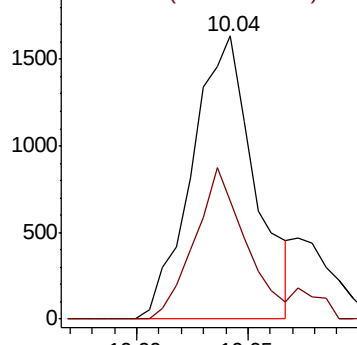
75 100

77 41.6 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: 0.793 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017223.D

Acq: 13 Nov 2020 19:20

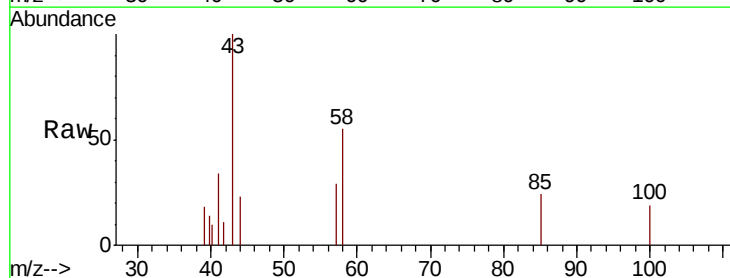
Tgt Ion: 43 Resp: 2267

Ion Ratio Lower Upper

43 100

58 39.9 35.0 52.6

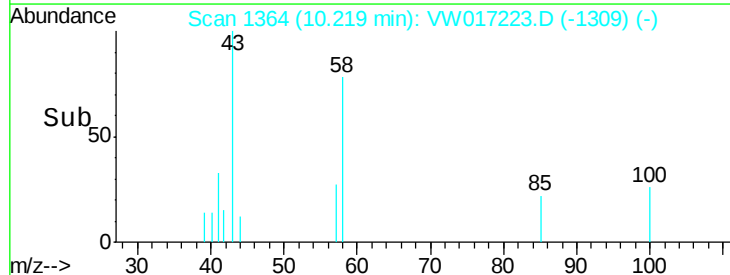
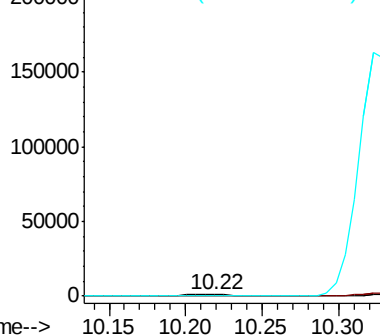
100 16.4 16.6 24.8#

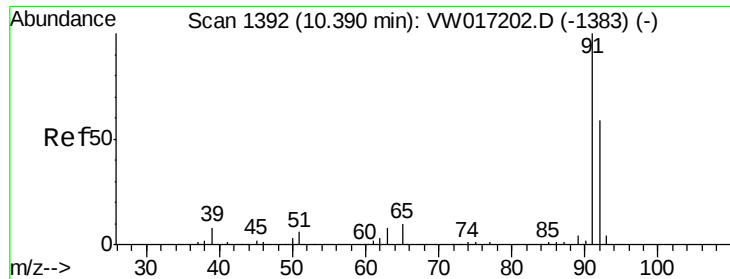


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#44

Toluene

Concen: 0.289 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017223.D

Acq: 13 Nov 2020 19:20

Instrument :

MSVOA_W

ClientSampleId :

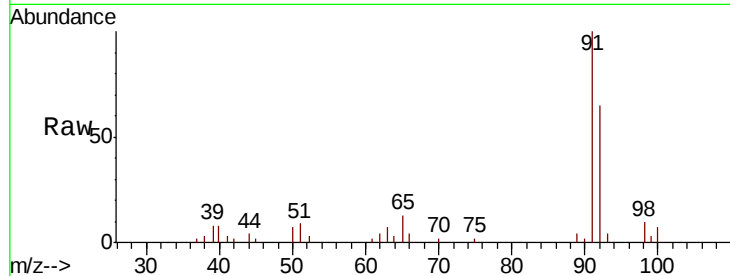
C0AX7

Tot Ion: 91 Resp: 6312

Ion Ratio Lower Upper

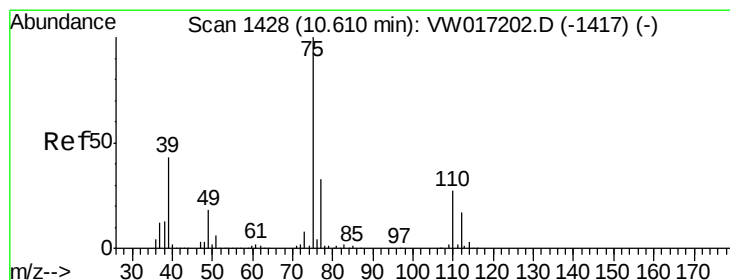
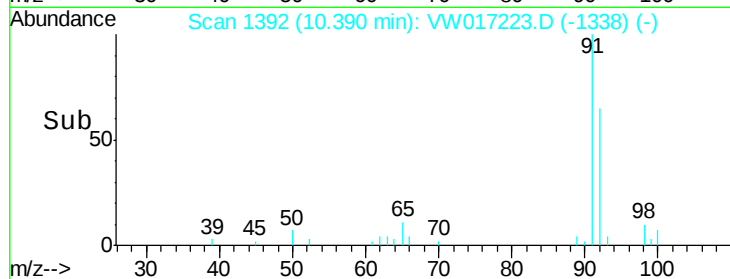
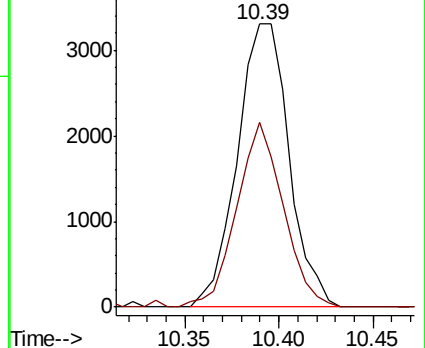
91 100

92 65.4 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.274 ug/L

RT: 10.58 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017223.D

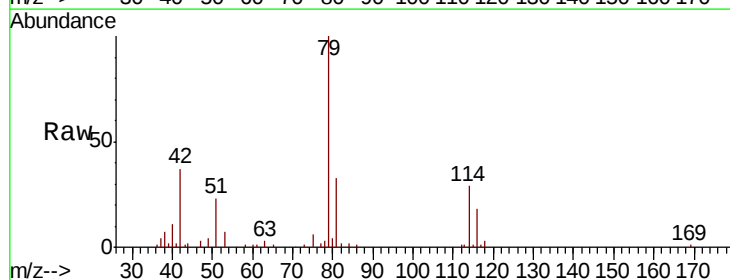
Acq: 13 Nov 2020 19:20

Tgt Ion: 75 Resp: 1729

Ion Ratio Lower Upper

75 100

77 38.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

