

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017304.D
 Acq On : 17 Nov 2020 23:08
 Operator : SY/VA
 Sample : L4738-10
 Misc : 5.82/10ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X7

Quant Time: Nov 18 04:52:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	395053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329987	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110596	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89969	18.08	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	2.89	69	81486	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
10) 1,1-Dichloroethene-d2	4.02	63	135419	15.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.84%
20) 2-Butanone-d5	7.08	46	62886	56.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.02%
24) Chloroform-d	7.65	84	225412	24.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	8.31	65	127523	27.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.24%
29) Benzene-d6	8.27	84	421112	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
33) 1,2-Dichloropropane-d6	9.27	67	124653	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.28%
37) Toluene-d8	10.32	98	372391	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.58	79	49916	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.28%
39) 2-Hexanone-d5	10.93	63	49714	61.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114583	28.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	97879	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

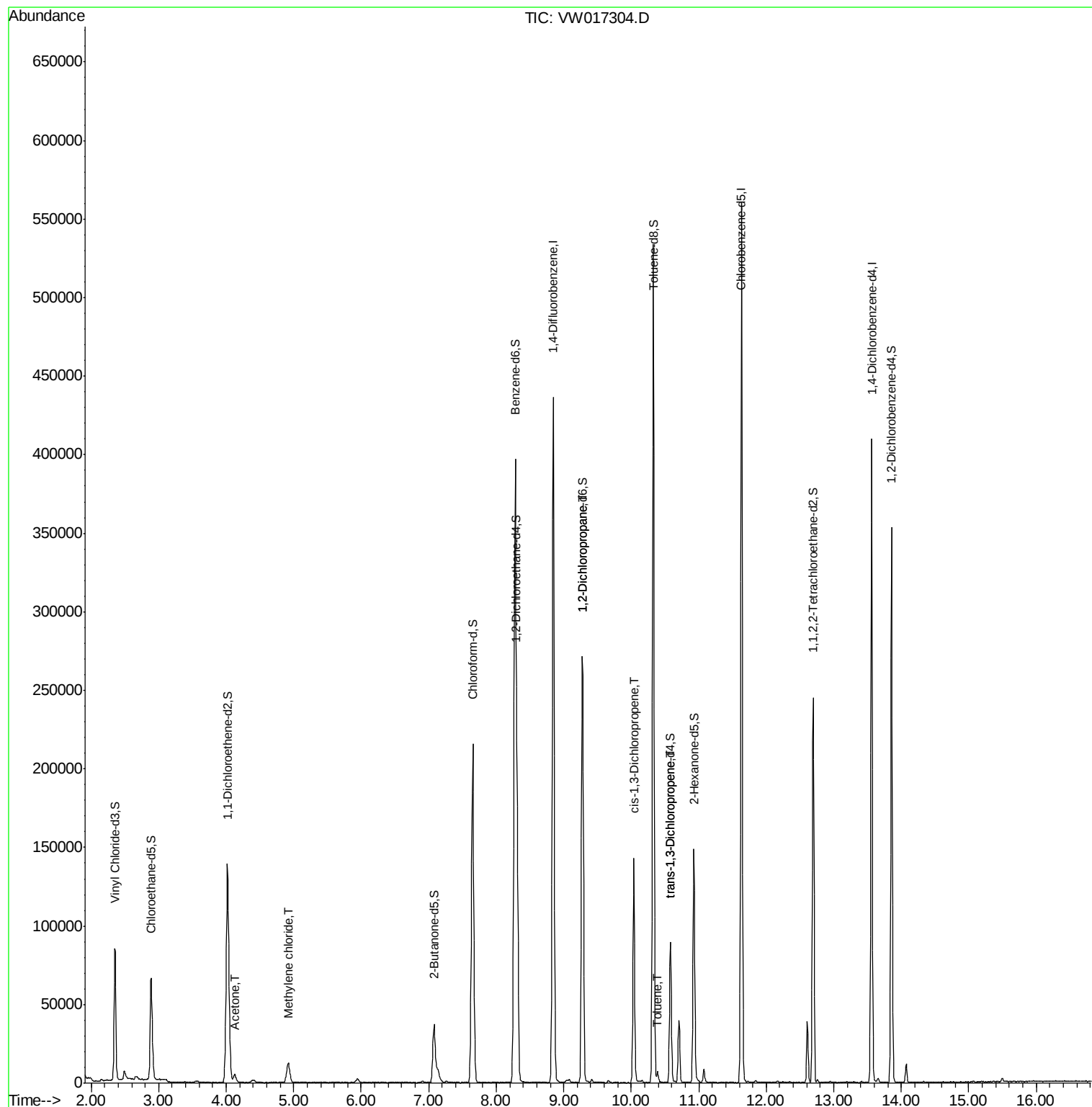
					Ovalue
13) Acetone	4.13	43	8353	11.211 ug/L	95
16) Methylene chloride	4.91	84	10962	2.058 ug/L	92
40) 1,2-Dichloropropane	9.27	63	14702	3.630 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4126	0.643 ug/L #	73
44) Toluene	10.39	91	4616	0.242 ug/L	97
45) trans-1,3-Dichloropropene	10.59	75	2484	0.451 ug/L	88

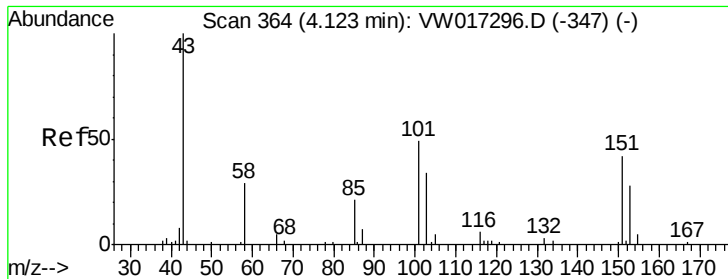
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 11.211 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017304.D

Acq: 17 Nov 2020 23:08

Instrument :

MSVOA_W

ClientSampled :

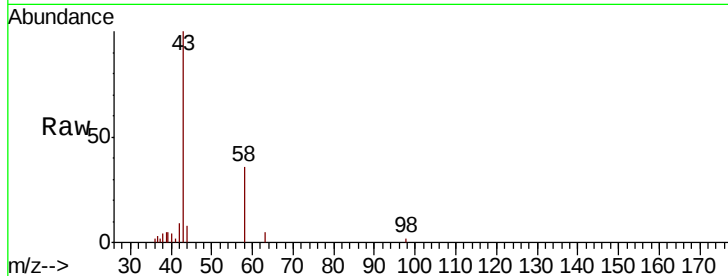
GB0X7

Tot Ion: 43 Resp: 8353

Ion Ratio Lower Upper

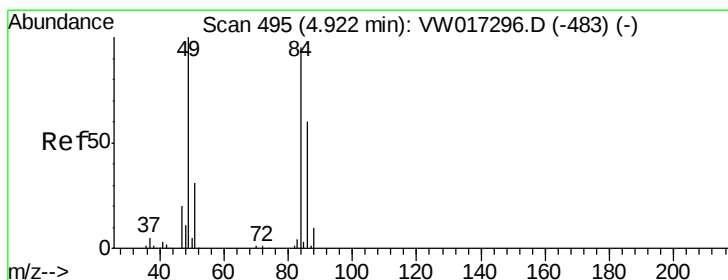
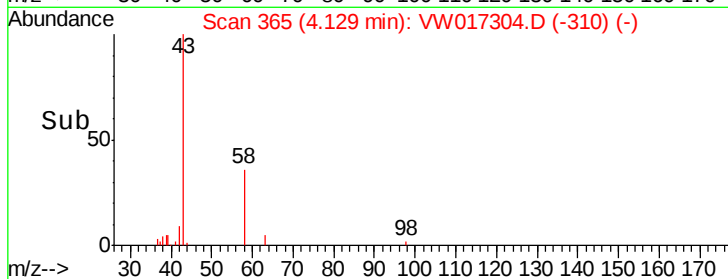
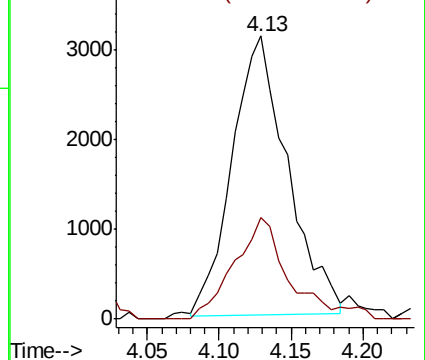
43 100

58 31.5 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: 2.058 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017304.D

Acq: 17 Nov 2020 23:08

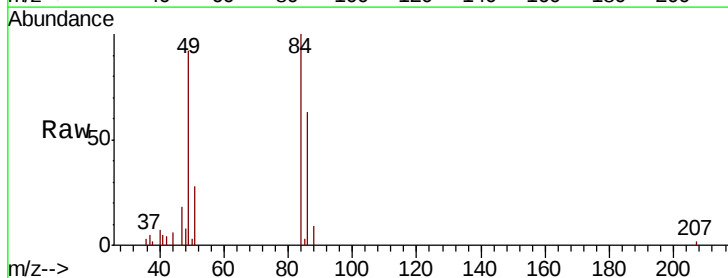
Tgt Ion: 84 Resp: 10962

Ion Ratio Lower Upper

84 100

49 91.8 72.3 134.3

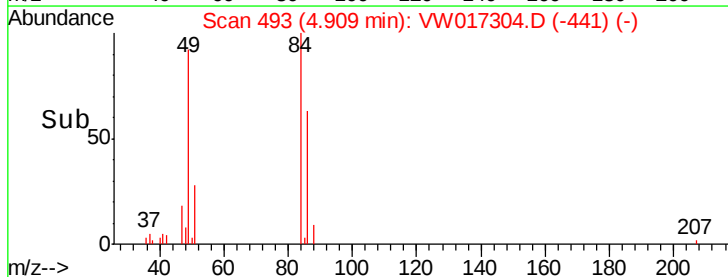
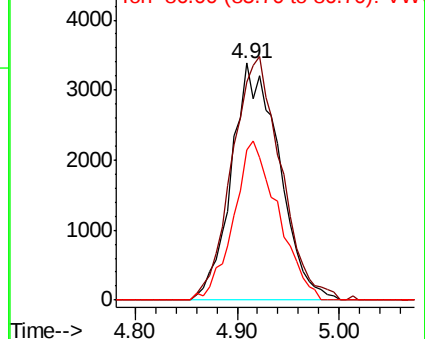
86 63.2 45.1 83.7

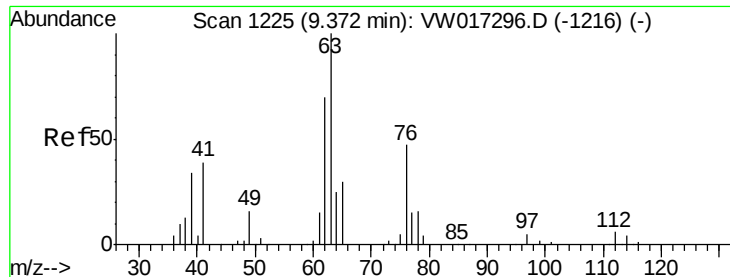


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#40

1,2-Dichloropropane

Concen: 3.630 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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Instrument :

MSVOA_W

ClientSampleId :

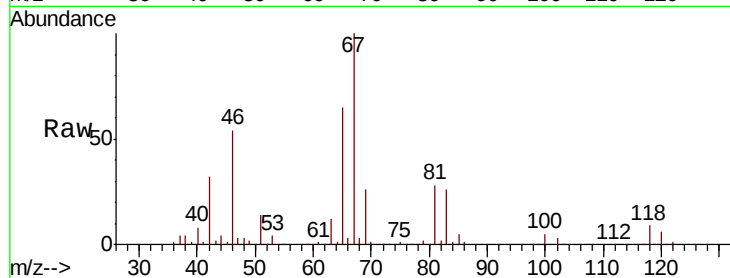
GB0X7

Tot Ion: 63 Resp: 14702

Ion Ratio Lower Upper

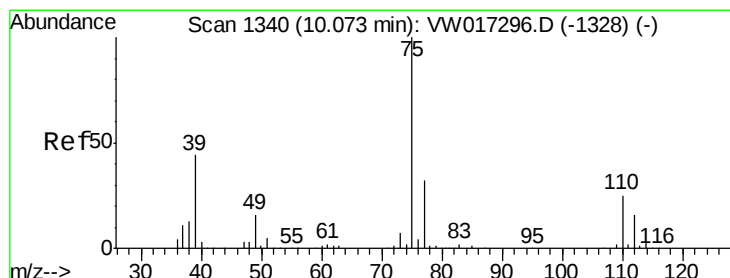
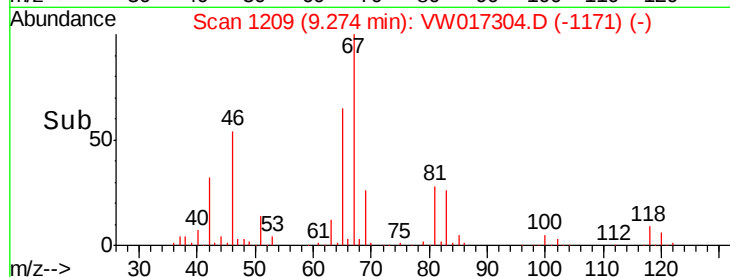
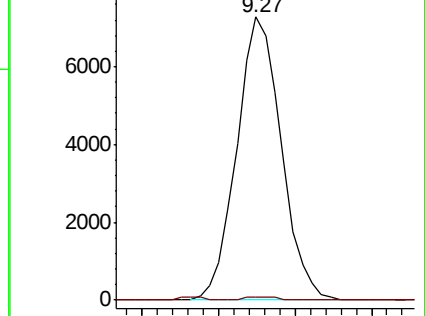
63 100

112 0.4 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.643 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017304.D

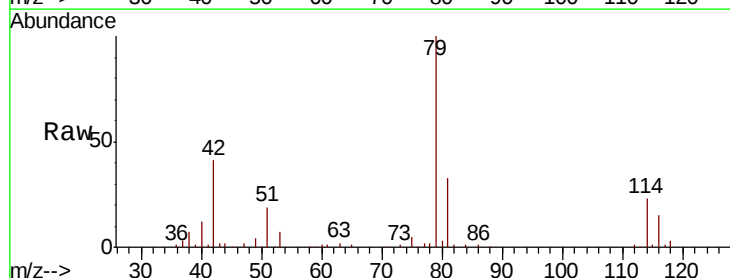
Acq: 17 Nov 2020 23:08

Tgt Ion: 75 Resp: 4126

Ion Ratio Lower Upper

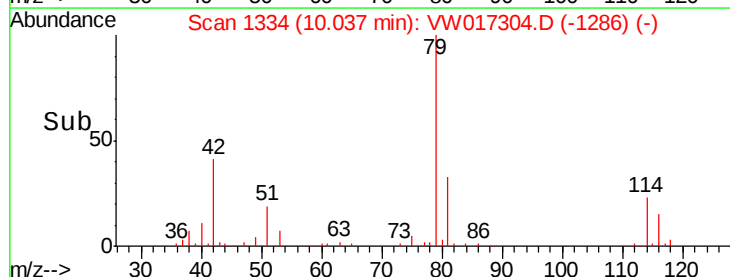
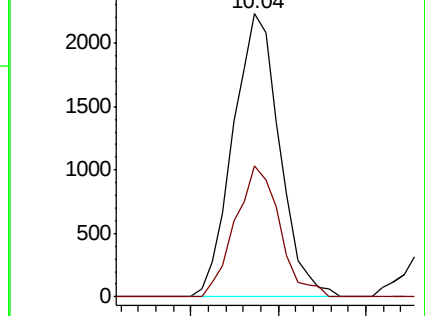
75 100

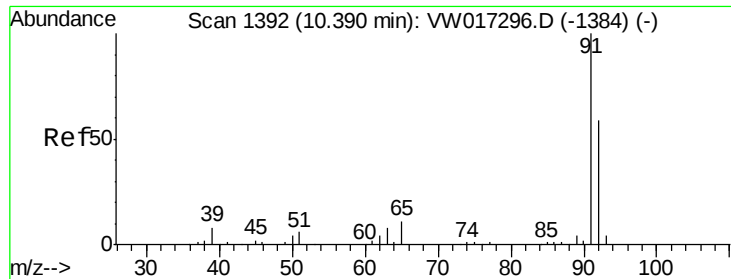
77 46.3 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.242 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017304.D

Acq: 17 Nov 2020 23:08

Instrument :

MSVOA_W

ClientSampled :

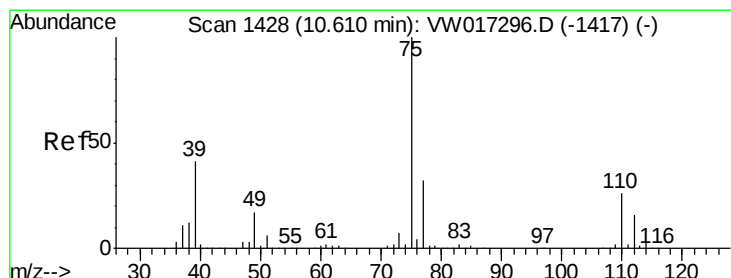
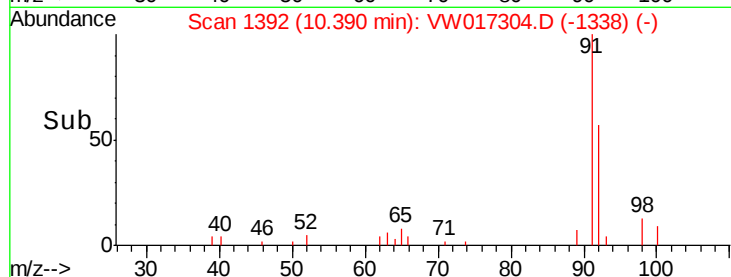
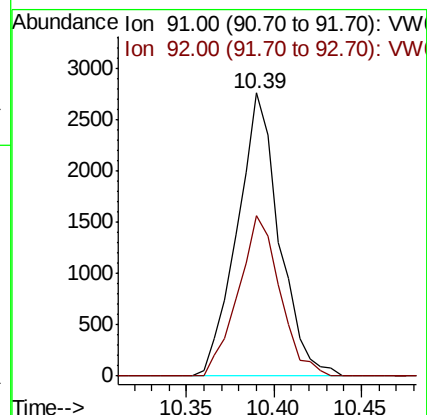
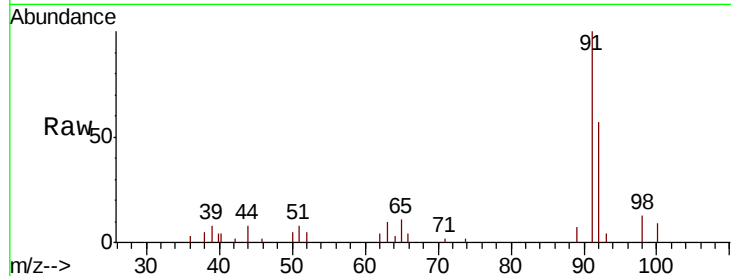
GB0X7

Tot Ion: 91 Resp: 4616

Ion Ratio Lower Upper

91 100

92 56.6 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 0.451 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017304.D

Acq: 17 Nov 2020 23:08

Tgt Ion: 75 Resp: 2484

Ion Ratio Lower Upper

75 100

77 38.2 22.1 41.1

