

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017258.D
 Acq On : 16 Nov 2020 15:43
 Operator : SY/VA
 Sample : L4739-14
 Misc : 6.63G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB101

Quant Time: Nov 17 06:11:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	435355	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315399	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84669	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93057	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.88%
7) Chloroethane-d5	2.89	69	82970	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
10) 1,1-Dichloroethene-d2	4.02	63	136329	13.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.08	46	51101	41.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.34%
24) Chloroform-d	7.65	84	216819	21.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.32%
26) 1,2-Dichloroethane-d4	8.31	65	114762	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.84%
29) Benzene-d6	8.27	84	410050	25.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.12%
33) 1,2-Dichloropropane-d6	9.27	67	113999	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.64%
37) Toluene-d8	10.32	98	347172	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.58	79	45674	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.20%
39) 2-Hexanone-d5	10.93	63	38062	49.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.18%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	75080	19.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	60596	20.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.24%

Target Compounds

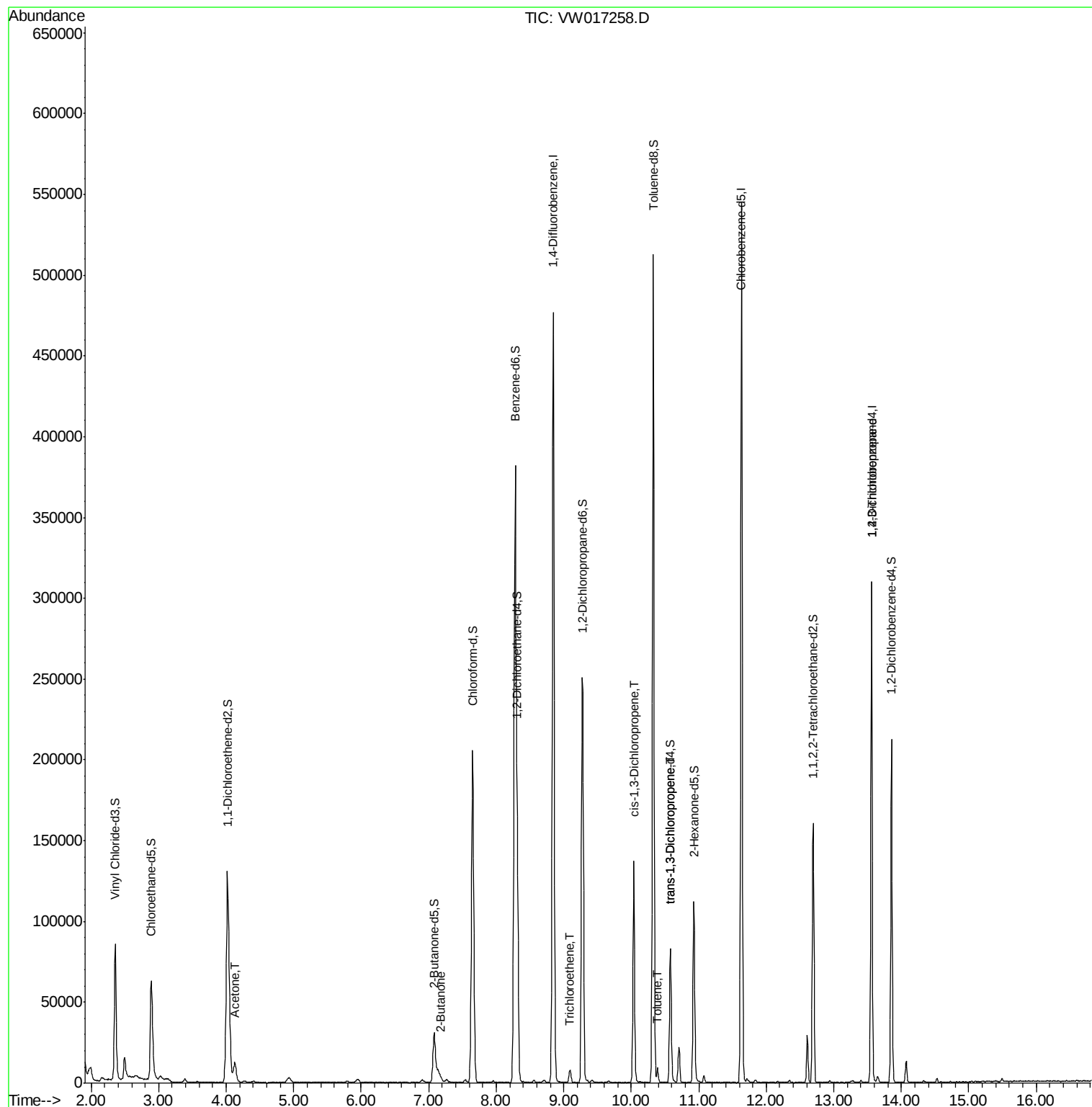
					Ovalue
13) Acetone	4.12	43	21498	26.183	ug/L 96
21) 2-Butanone	7.18	43	1245	0.944	ug/L 92
35) Trichloroethene	9.10	95	2236	0.482	ug/L 96
42) cis-1,3-Dichloropropene	10.04	75	3647	0.595	ug/L # 62
44) Toluene	10.39	91	5973	0.328	ug/L 100
45) trans-1,3-Dichloropropene	10.58	75	2304	0.438	ug/L 94
59) 1,2,3-Trichloropropane	13.56	75	8901	3.211	ug/L 91

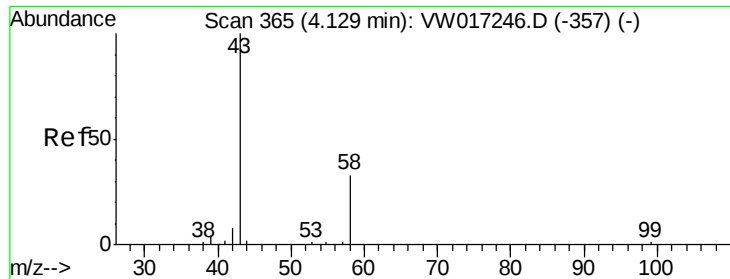
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 26.183 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017258.D

Acq: 16 Nov 2020 15:43

Instrument :

MSVOA_W

ClientSampled :

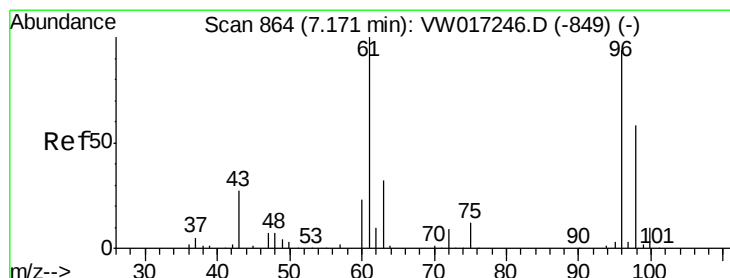
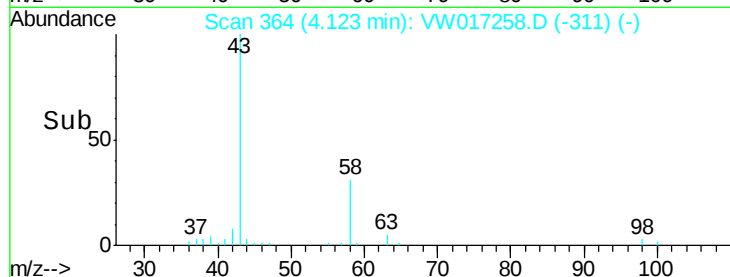
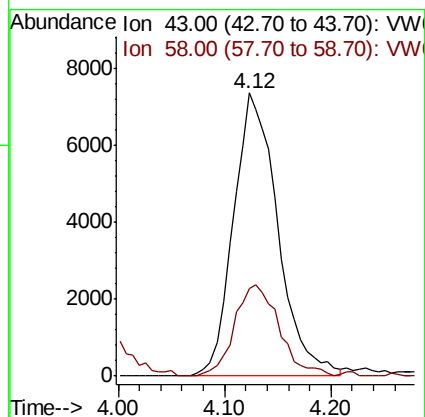
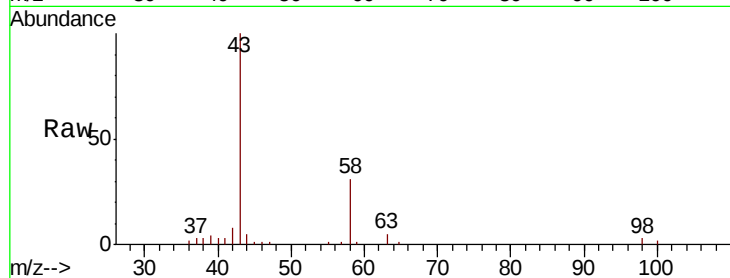
GB101

Tot Ion: 43 Resp: 21498

Ion Ratio Lower Upper

43 100

58 32.5 0.0 69.2



#21

2-Butanone

Concen: 0.944 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW017258.D

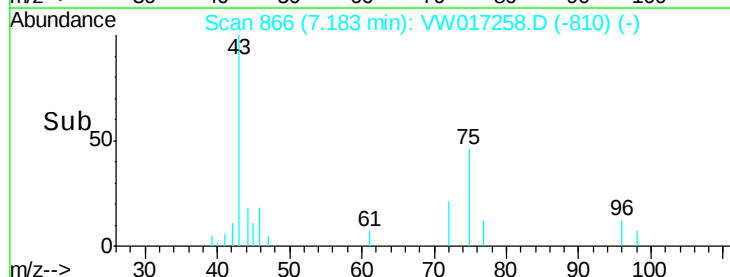
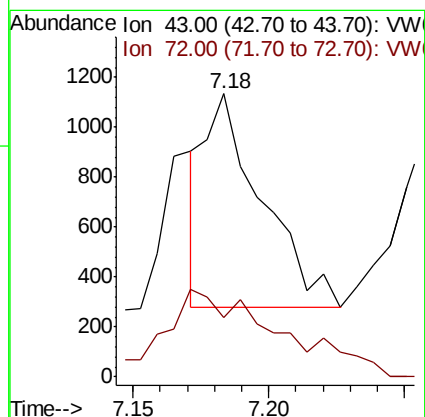
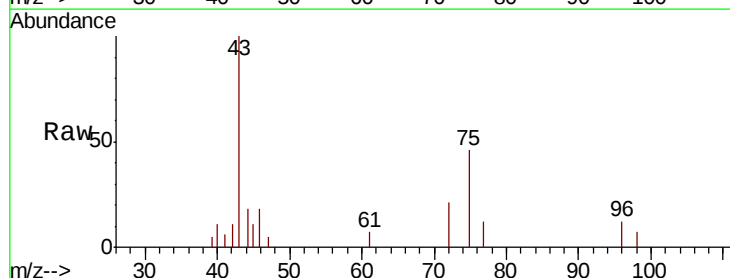
Acq: 16 Nov 2020 15:43

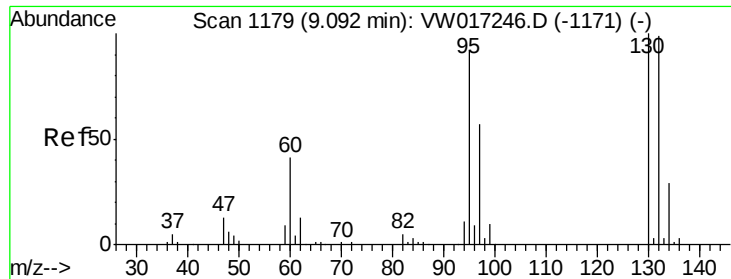
Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

43 100

72 27.8 16.1 48.3

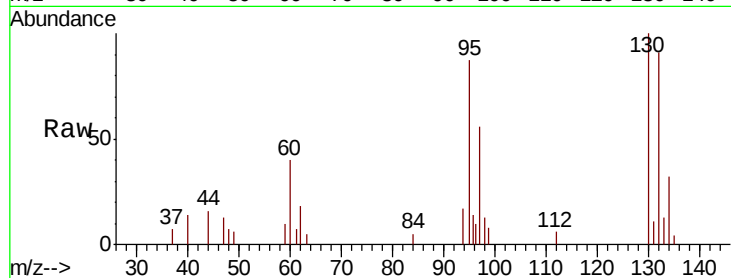




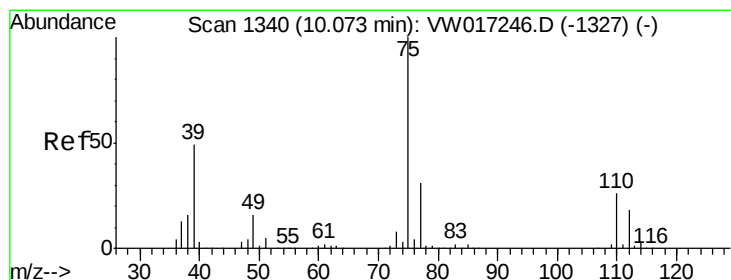
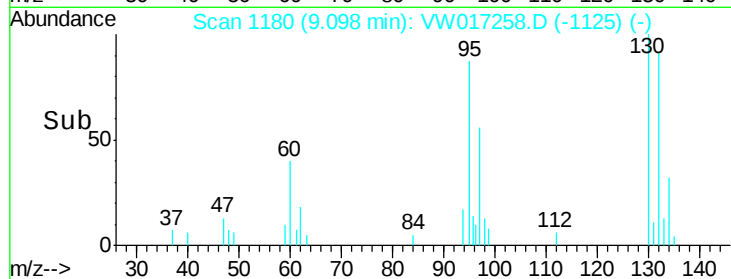
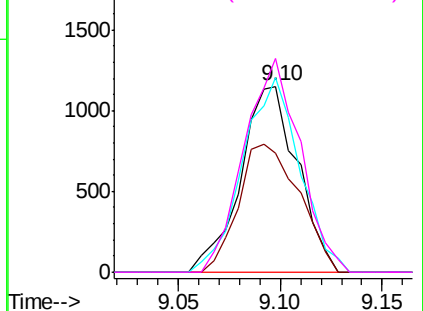
#35
 Trichloroethene
 Concen: 0.482 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW017258.D
 Acq: 16 Nov 2020 15:43

Instrument :
 MSVOA_W
 ClientSampleId :
 GB101

Tot Ion: 95 Resp: 2236
 Ion Ratio Lower Upper
 95 100
 97 73.1 45.0 83.6
 132 104.9 73.7 136.9
 130 113.1 77.1 143.1

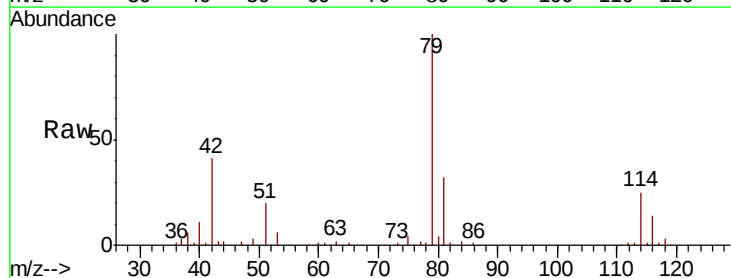


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

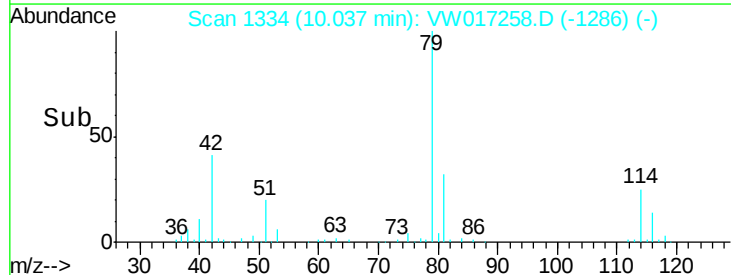
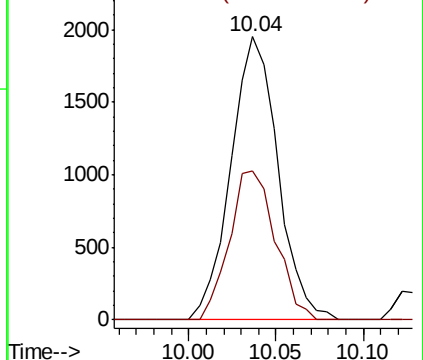


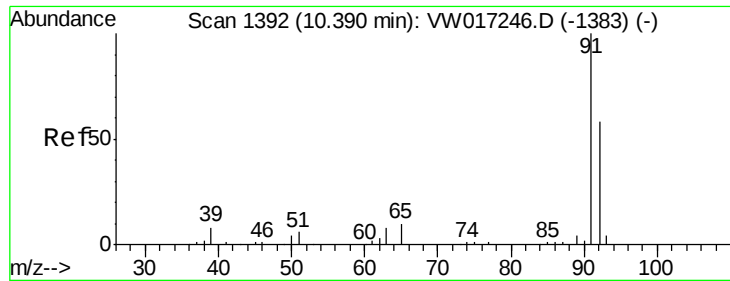
#42
 cis-1,3-Dichloropropene
 Concen: 0.595 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017258.D
 Acq: 16 Nov 2020 15:43

Tgt Ion: 75 Resp: 3647
 Ion Ratio Lower Upper
 75 100
 77 52.7 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: 0.328 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017258.D

Acq: 16 Nov 2020 15:43

Instrument :

MSVOA_W

ClientSampleId :

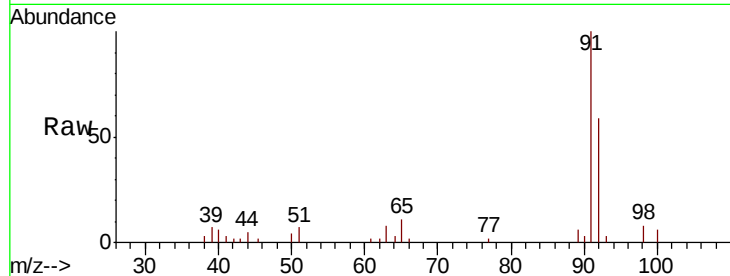
GB101

Tot Ion: 91 Resp: 5973

Ion Ratio Lower Upper

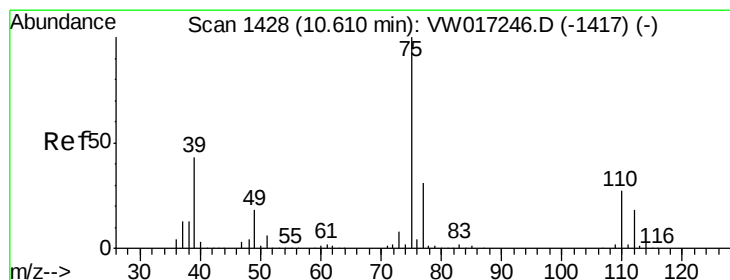
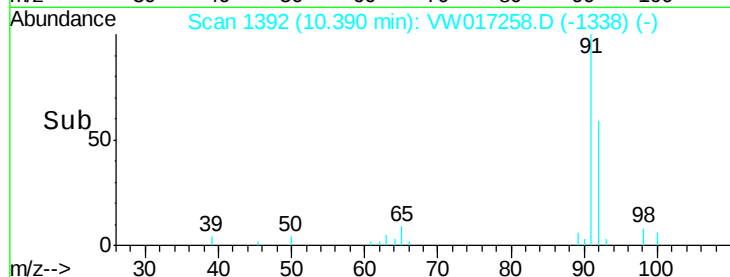
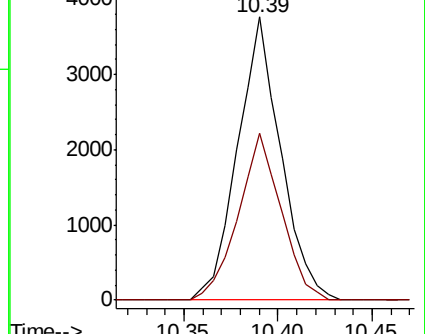
91 100

92 59.0 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: 0.438 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017258.D

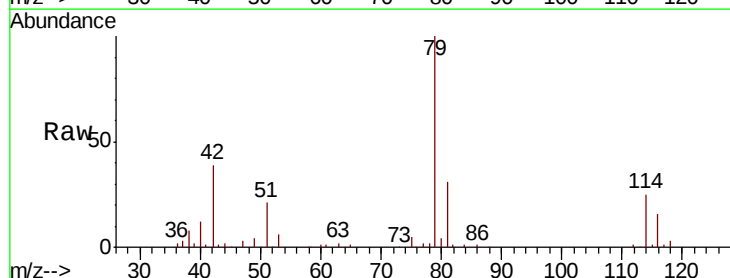
Acq: 16 Nov 2020 15:43

Tgt Ion: 75 Resp: 2304

Ion Ratio Lower Upper

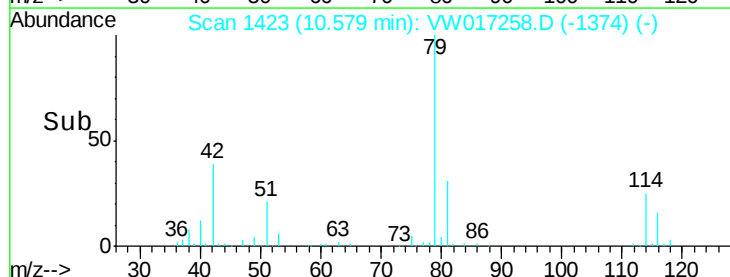
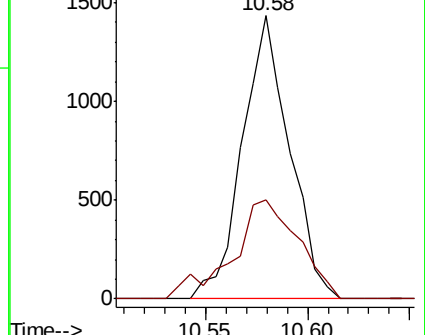
75 100

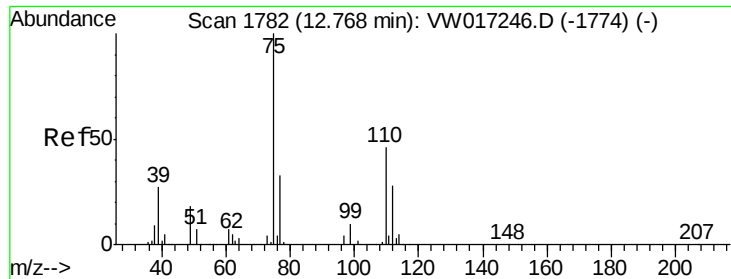
77 35.2 22.1 41.1



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: 3.211 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017258.D

Acq: 16 Nov 2020 15:43

Instrument :

MSVOA_W

ClientSampleId :

GB101

Tot Ion: 75 Resp: 8901

Ion Ratio Lower Upper

75 100

77 38.0 26.4 39.6

