

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017038.D
 Acq On : 02 Nov 2020 10:45
 Operator : SY/VA
 Sample : VW1102SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK21

Quant Time: Nov 03 04:56:04 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	8.85	114	471498	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	426097	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200511	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116304	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
7) Chloroethane-d5	2.90	69	100448	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
10) 1,1-Dichloroethene-d2	4.03	63	184428	17.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.68%
20) 2-Butanone-d5	7.09	46	52963	51.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.34%
24) Chloroform-d	7.66	84	271557	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.31	65	128536	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.28	84	554813	25.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.40%
33) 1,2-Dichloropropane-d6	9.28	67	154543	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.64%
37) Toluene-d8	10.33	98	519824	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.92%
38) trans-1,3-Dichloropropene-	10.59	79	61706	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.44%
39) 2-Hexanone-d5	10.93	63	43755	52.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115232	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	186569	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

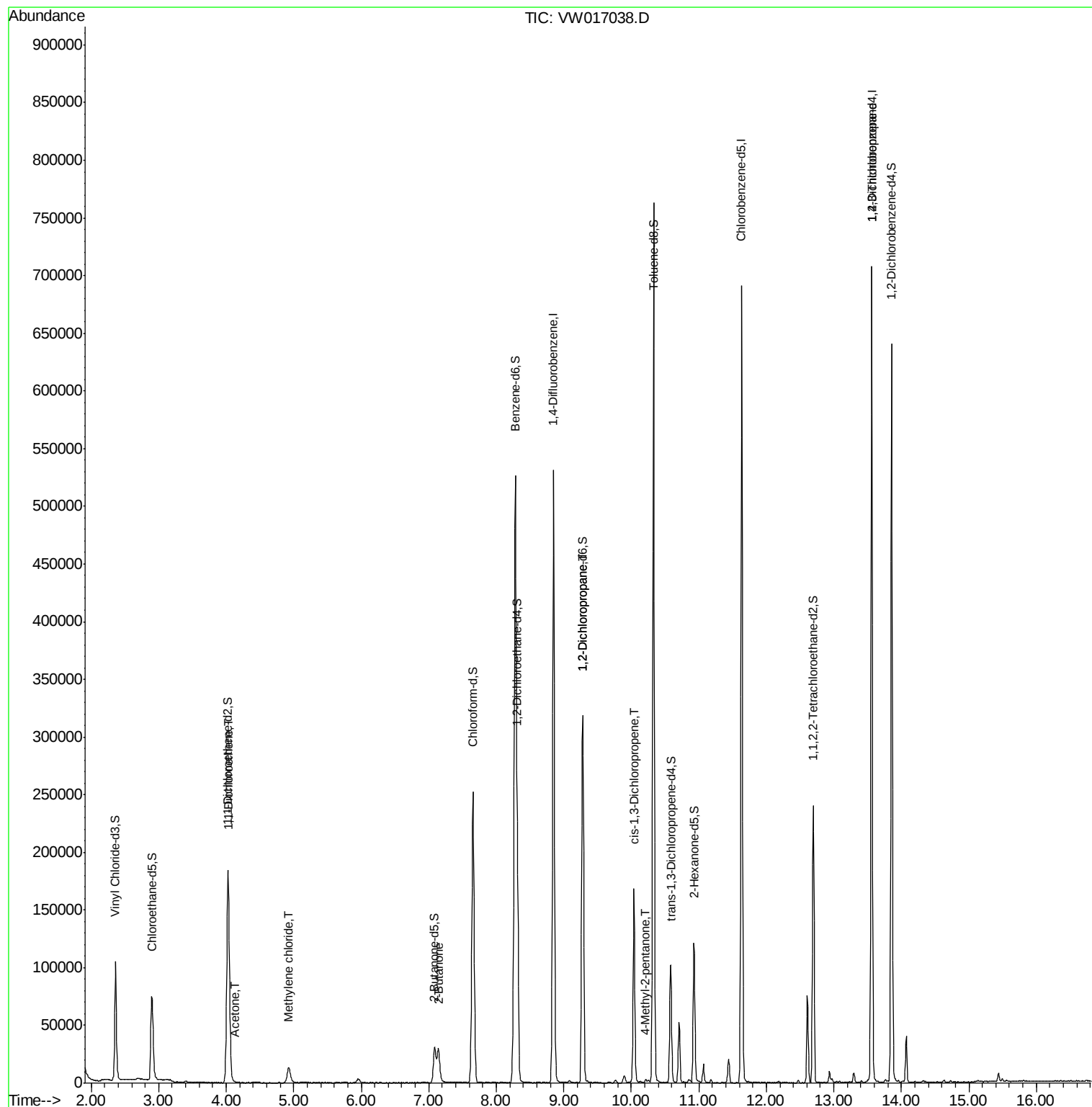
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	1687	0.273	ug/L #	1
13) Acetone	4.13	43	365	0.529	ug/L #	40
16) Methylene chloride	4.92	84	11788	1.891	ug/L	96
21) 2-Butanone	7.14	43	1490	1.291	ug/L #	49
40) 1,2-Dichloropropane	9.28	63	16299	3.101	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4166	0.507	ug/L #	40
43) 4-Methyl-2-pentanone	10.21	43	1959	0.786	ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	20165	6.239	ug/L	94

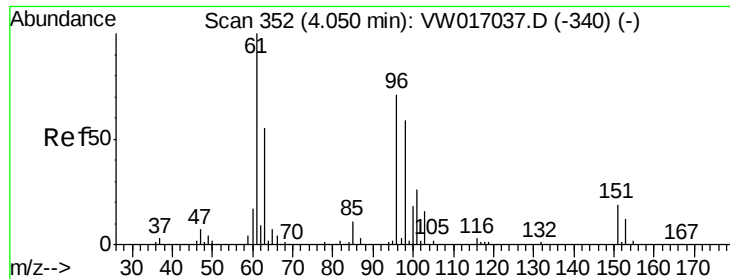
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK21

Quant Time: Nov 03 04:56:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
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: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW017038.D

Acq: 02 Nov 2020 10:45

Instrument :

MSVOA_W

ClientSampled :

VBLK21

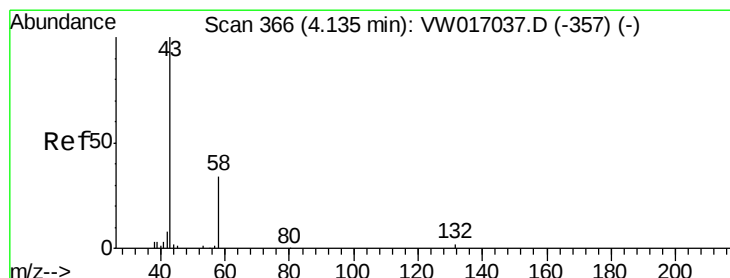
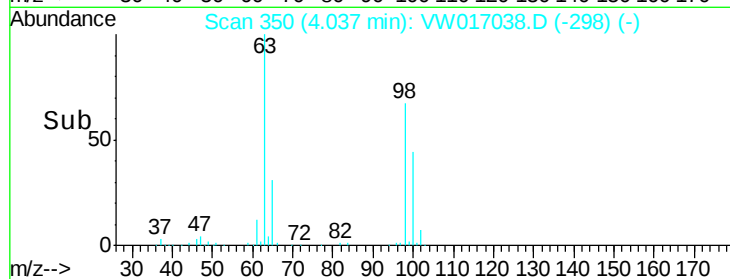
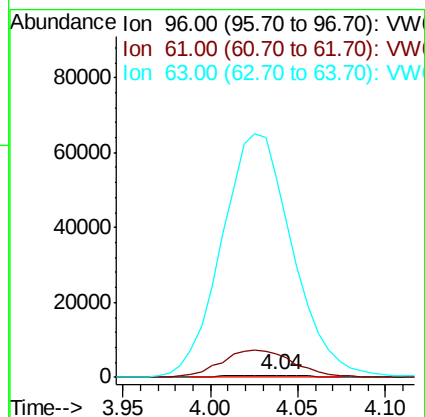
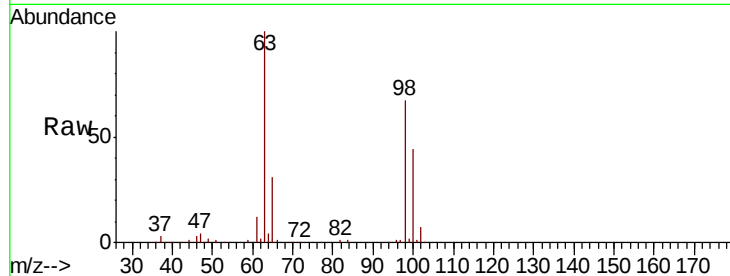
Tot Ion: 96 Resp: 1687

Ion Ratio Lower Upper

96 100

61 1009.9 101.4 188.4#

63 8687.0 78.5 145.9#



#13

Acetone

Concen: 0.529 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017038.D

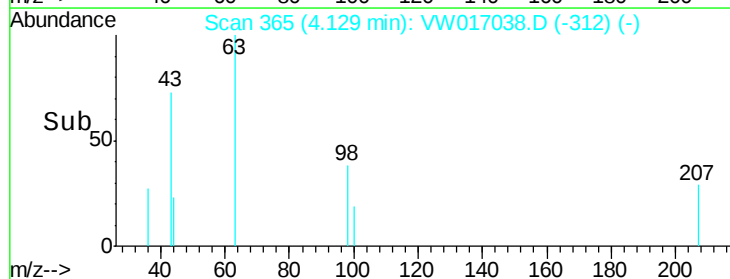
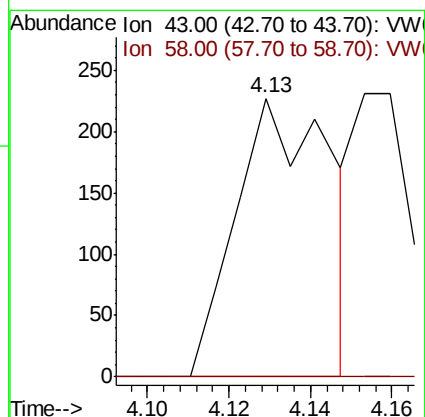
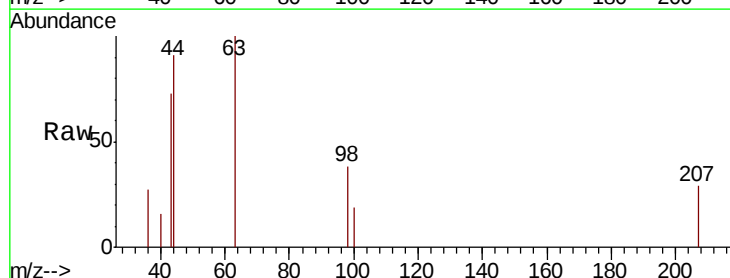
Acq: 02 Nov 2020 10:45

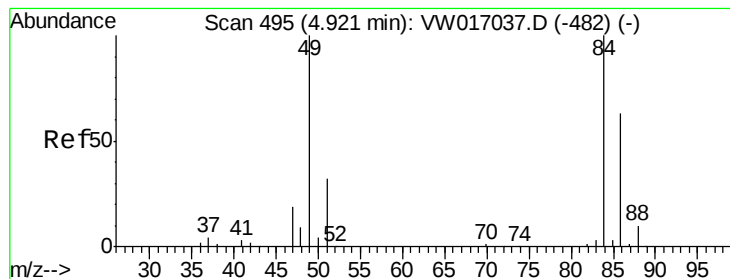
Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

58 0.0 0.0 69.8





#16

Methylene chloride

Concen: 1.891 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017038.D

Acq: 02 Nov 2020 10:45

Instrument :

MSVOA_W

ClientSampled :

VBLK21

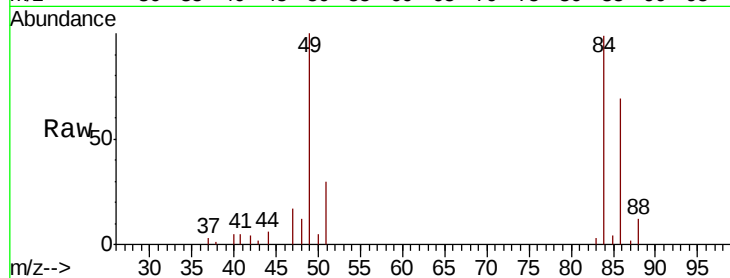
Tot Ion: 84 Resp: 11788

Ion Ratio Lower Upper

84 100

49 101.2 73.8 137.0

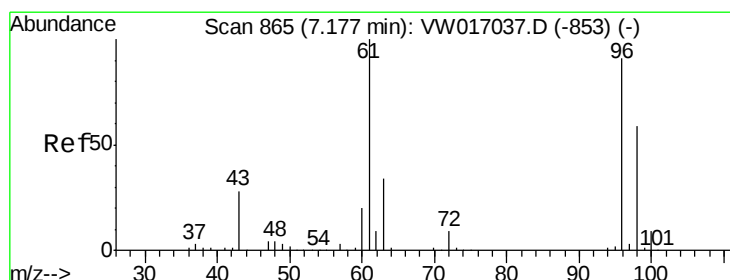
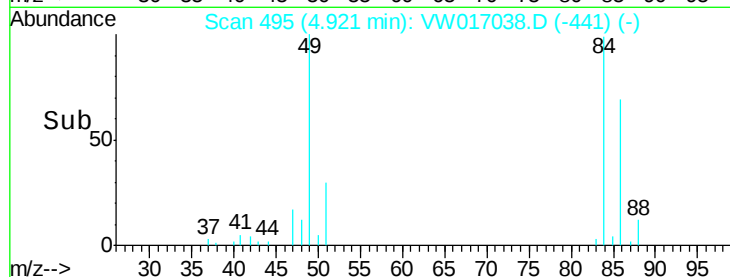
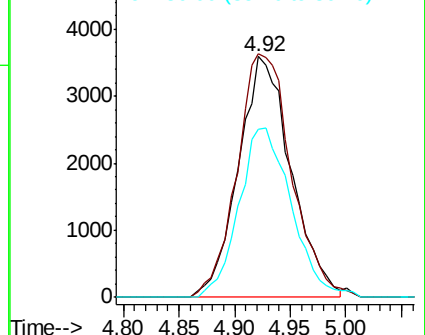
86 69.9 47.4 88.0



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



#21

2-Butanone

Concen: 1.291 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW017038.D

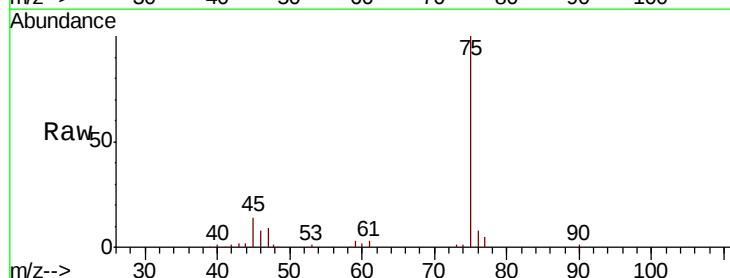
Acq: 02 Nov 2020 10:45

Tgt Ion: 43 Resp: 1490

Ion Ratio Lower Upper

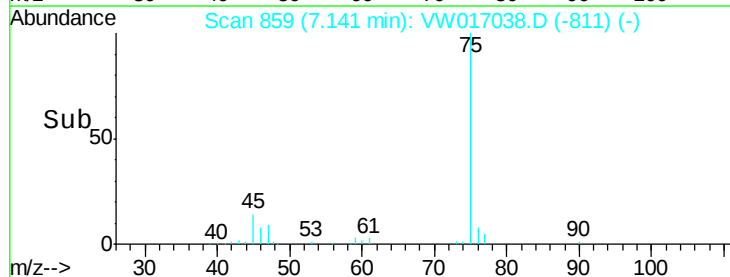
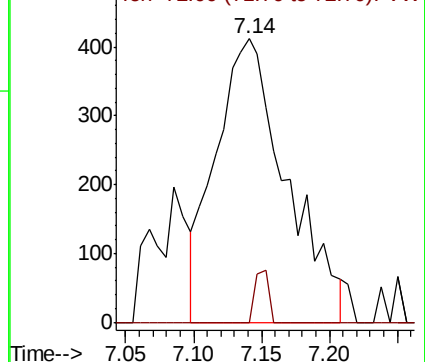
43 100

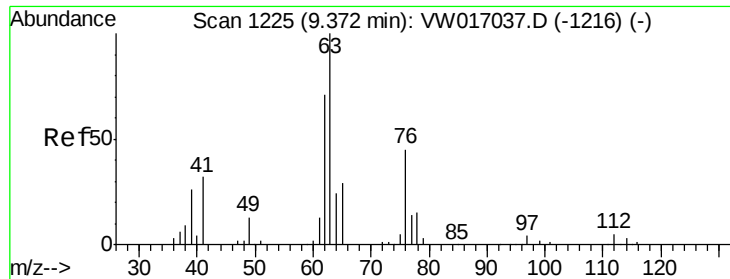
72 3.6 16.1 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#40

1,2-Dichloropropane

Concen: 3.101 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017038.D

Acq: 02 Nov 2020 10:45

Instrument :

MSVOA_W

ClientSampled :

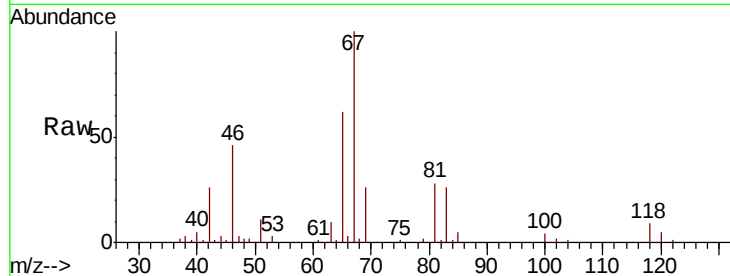
VBLK21

Tot Ion: 63 Resp: 16299

Ion Ratio Lower Upper

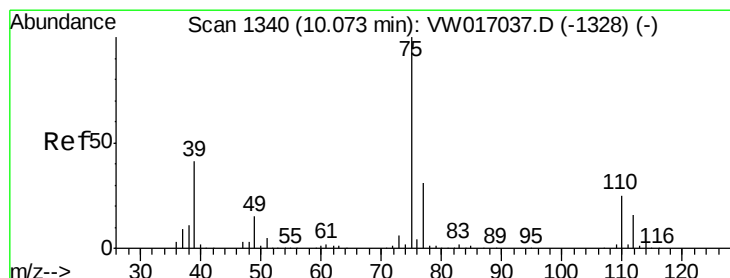
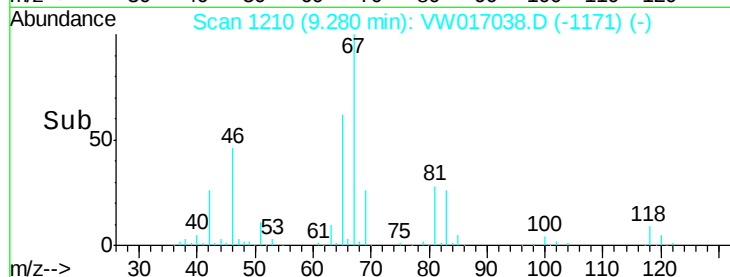
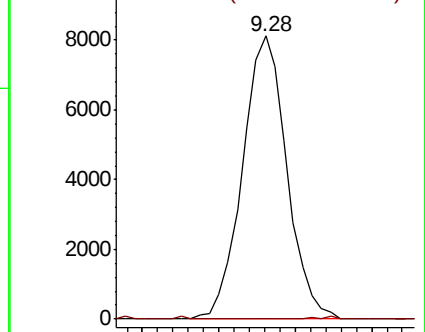
63 100

112 0.1 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.507 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017038.D

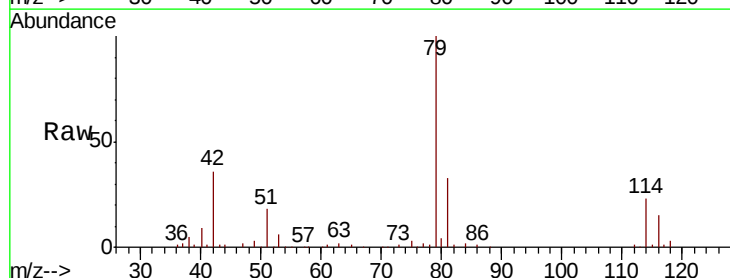
Acq: 02 Nov 2020 10:45

Tgt Ion: 75 Resp: 4166

Ion Ratio Lower Upper

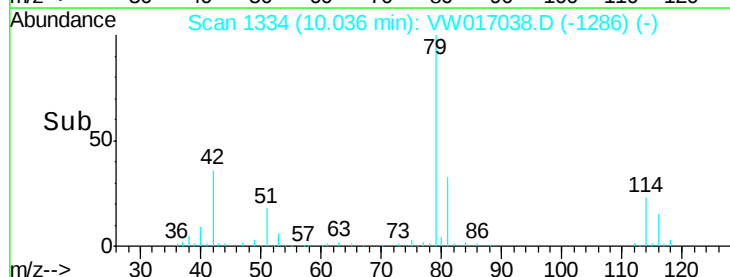
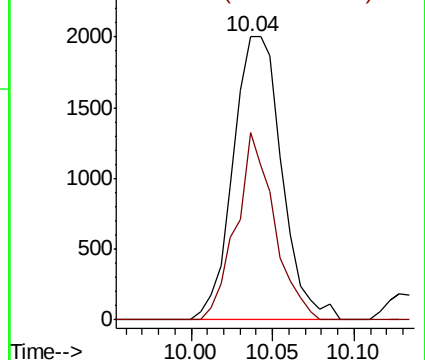
75 100

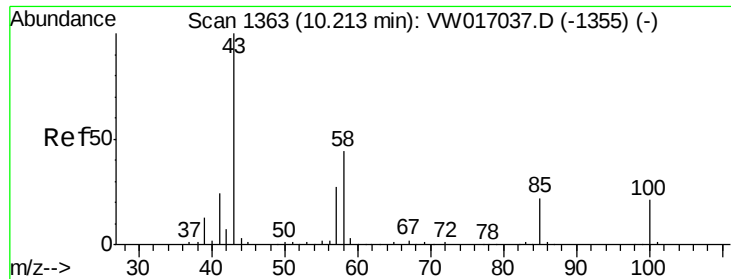
77 66.1 22.7 42.1#



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: 0.786 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017038.D

Acq: 02 Nov 2020 10:45

Instrument :

MSVOA_W

ClientSampled :

VBLK21

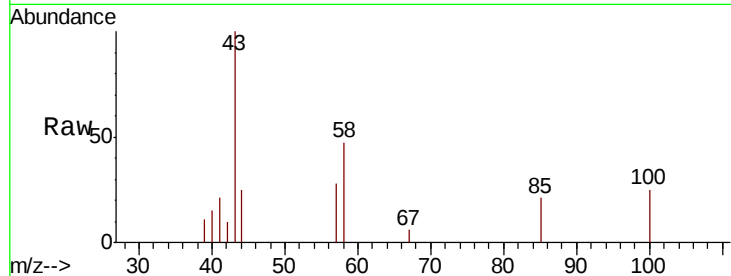
Tot Ion: 43 Resp: 1959

Ion Ratio Lower Upper

43 100

58 36.3 34.4 51.6

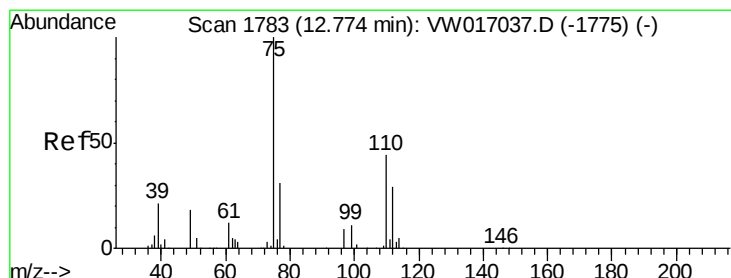
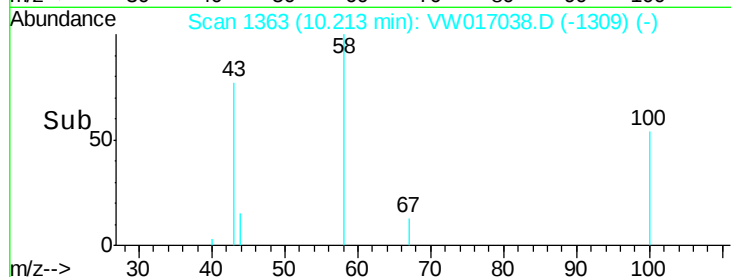
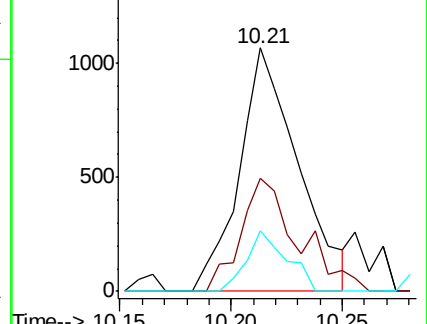
100 16.9 16.2 24.2



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



#59

1,2,3-Trichloropropane

Concen: 6.239 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017038.D

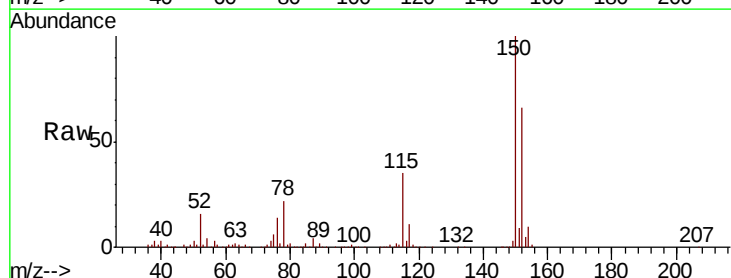
Acq: 02 Nov 2020 10:45

Tgt Ion: 75 Resp: 20165

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

