

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017129.D
 Acq On : 10 Nov 2020 10:13
 Operator : SY/VA
 Sample : VW1110SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK27

Quant Time: Nov 11 05:38:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	472107	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	427481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	152982	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.92%
7) Chloroethane-d5	2.89	69	123555	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.84%
10) 1,1-Dichloroethene-d2	4.01	63	197922	18.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.44%
20) 2-Butanone-d5	7.07	46	64846	48.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.52%
24) Chloroform-d	7.65	84	293842	26.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.64%
26) 1,2-Dichloroethane-d4	8.31	65	147339	26.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.56%
29) Benzene-d6	8.27	84	574918	26.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.64%
33) 1,2-Dichloropropane-d6	9.27	67	162645	27.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.04%
37) Toluene-d8	10.32	98	534891	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.24%
38) trans-1,3-Dichloropropene-	10.58	79	68288	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.60%
39) 2-Hexanone-d5	10.93	63	51085	48.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136646	26.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	192432	27.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.04%

Target Compounds

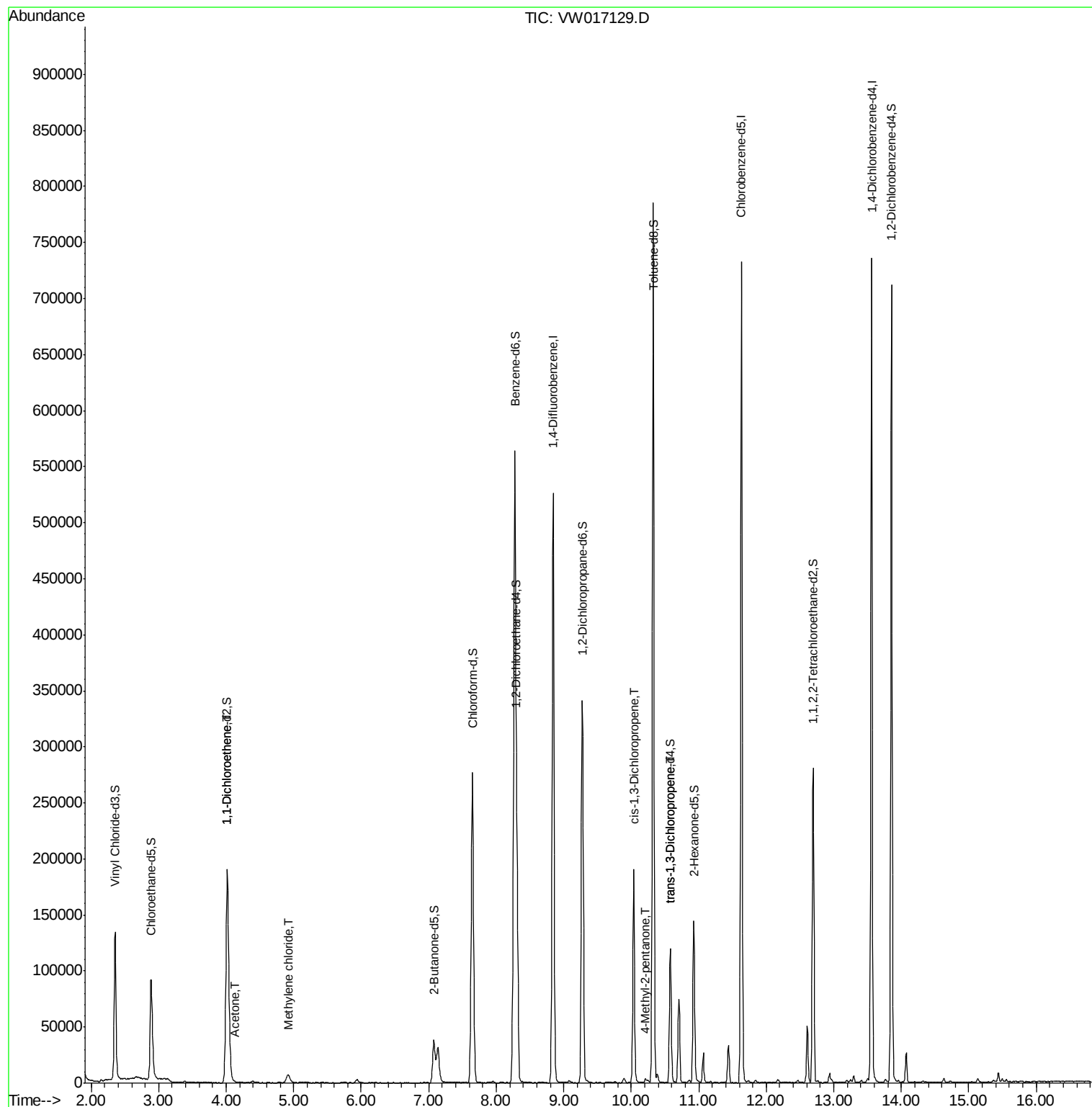
					Ovalue
12) 1,1-Dichloroethene	4.01	96	1851	0.316 ug/L #	1
13) Acetone	4.13	43	597	0.670 ug/L	83
16) Methylene chloride	4.92	84	6822	1.072 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	5225	0.629 ug/L #	77
43) 4-Methyl-2-pentanone	10.21	43	2845	0.879 ug/L	89
45) trans-1,3-Dichloropropene	10.58	75	3200	0.448 ug/L	87

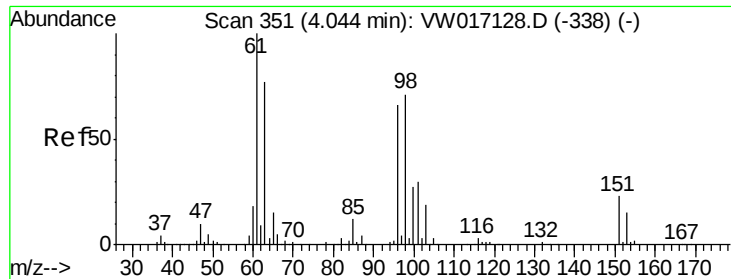
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK27

Quant Time: Nov 11 05:38:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.316 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.03 min

Lab File: VW017129.D

Acq: 10 Nov 2020 10:13

Instrument :

MSVOA_W

ClientSampled :

VBLK27

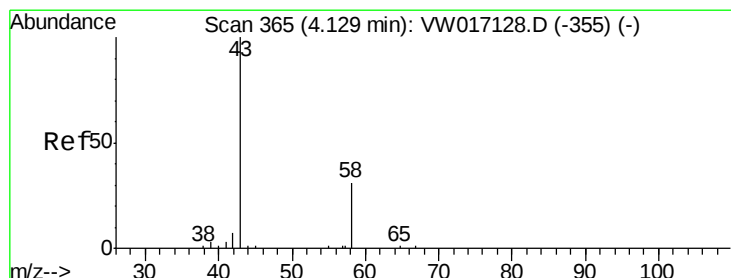
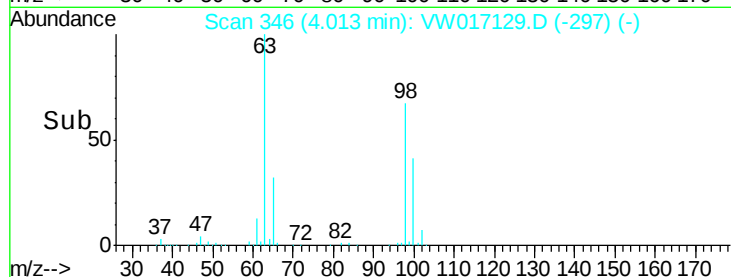
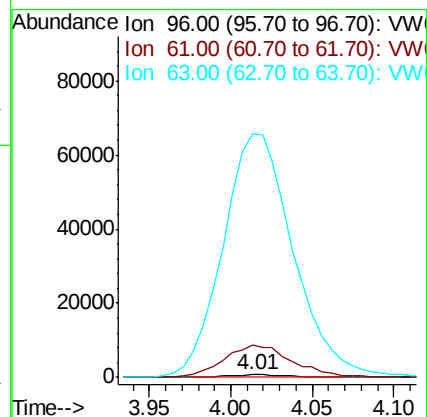
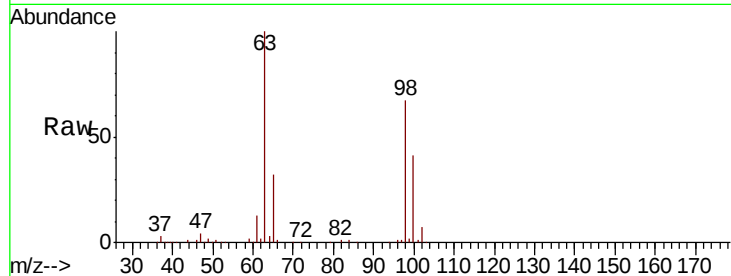
Tot Ion: 96 Resp: 1851

Ion Ratio Lower Upper

96 100

61 1146.9 103.8 192.8#

63 8781.8 84.4 156.7#



#13

Acetone

Concen: 0.670 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017129.D

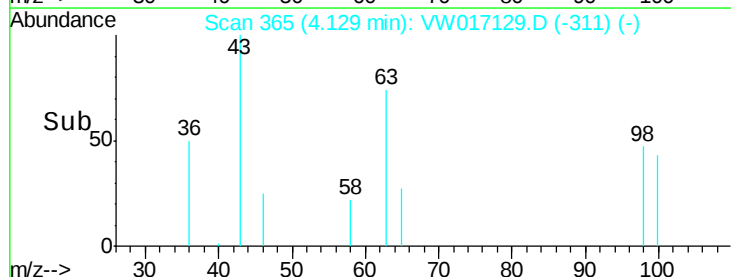
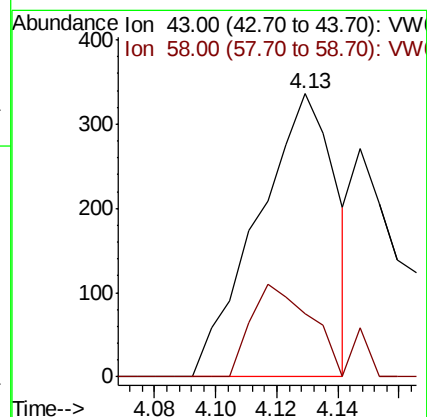
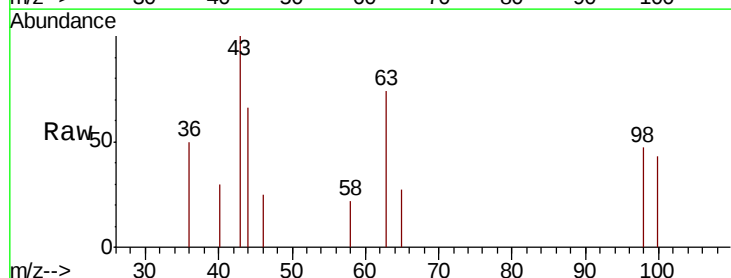
Acq: 10 Nov 2020 10:13

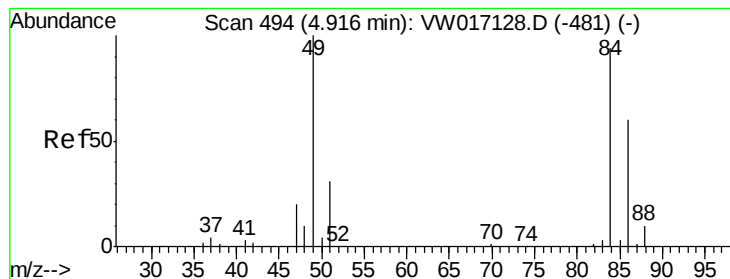
Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

58 25.0 0.0 69.2





#16

Methylene chloride

Concen: 1.072 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017129.D

Acq: 10 Nov 2020 10:13

Instrument :

MSVOA_W

ClientSampled :

VBLK27

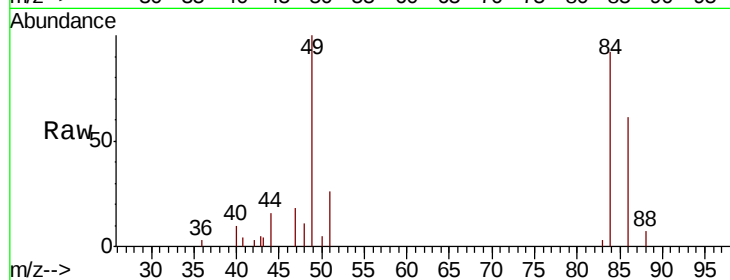
Tot Ion: 84 Resp: 6822

Ion Ratio Lower Upper

84 100

49 108.9 72.3 134.3

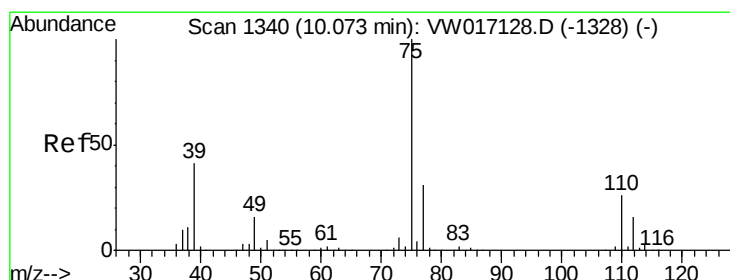
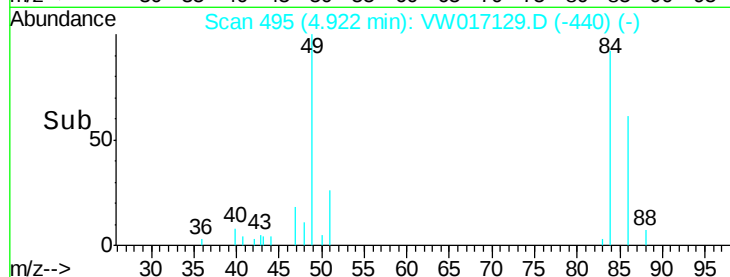
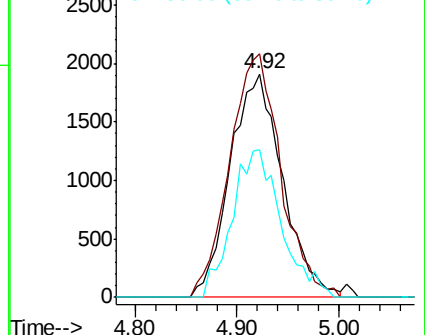
86 66.0 45.1 83.7



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: 0.629 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017129.D

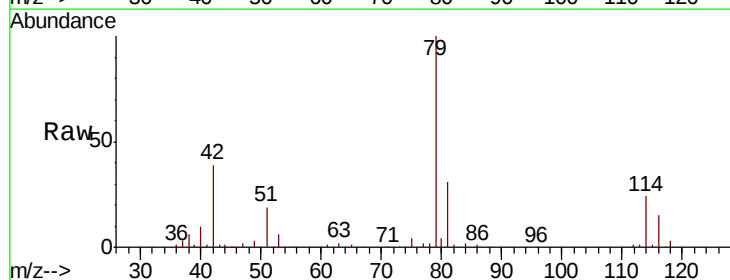
Acq: 10 Nov 2020 10:13

Tgt Ion: 75 Resp: 5225

Ion Ratio Lower Upper

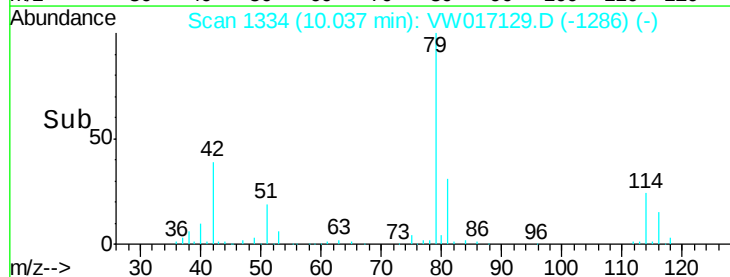
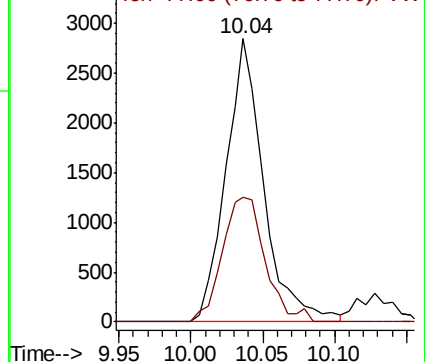
75 100

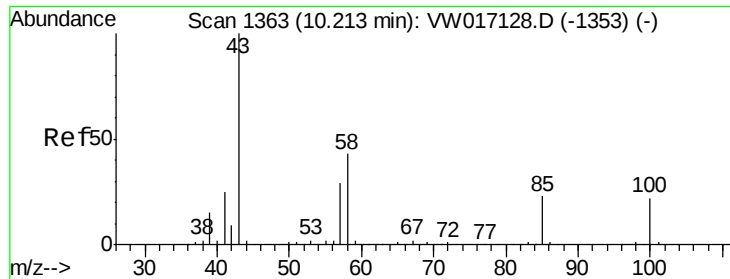
77 44.1 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

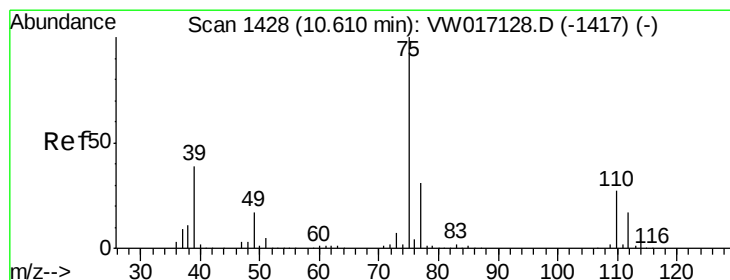
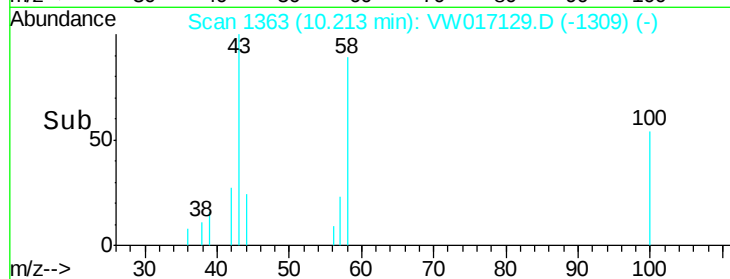
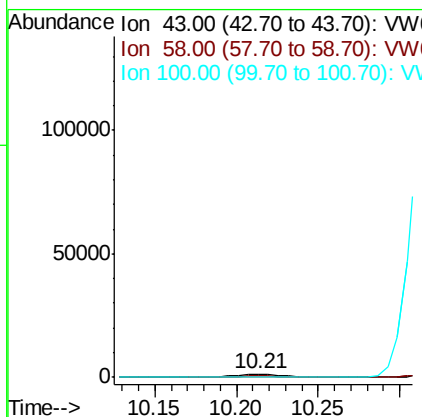
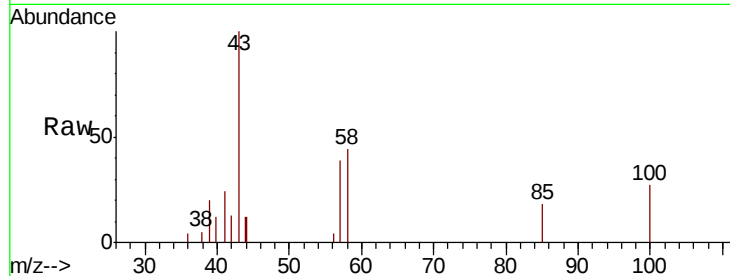




#43
4-Methyl-2-pentanone
Concen: 0.879 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017129.D
Acq: 10 Nov 2020 10:13

Instrument :
MSVOA_W
ClientSampleId :
VBLK27

Tot Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 35.5 35.0 52.6
100 17.5 16.6 24.8



#45
trans-1,3-Dichloropropene
Concen: 0.448 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017129.D
Acq: 10 Nov 2020 10:13

Tgt Ion: 75 Resp: 3200
Ion Ratio Lower Upper
75 100
77 38.9 22.1 41.1

