

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017156.D
 Acq On : 11 Nov 2020 11:42
 Operator : SY/VA
 Sample : L4673-18
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Nov 12 03:15:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	440975	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404025	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139473	25.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.44%
7) Chloroethane-d5	2.89	69	116581	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
10) 1,1-Dichloroethene-d2	4.03	63	184289	18.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.20%
20) 2-Butanone-d5	7.09	46	56130	45.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.38%
24) Chloroform-d	7.65	84	274355	26.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	8.31	65	138468	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.28	84	537433	26.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.48%
33) 1,2-Dichloropropane-d6	9.28	67	150888	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.04%
37) Toluene-d8	10.33	98	494588	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.96%
38) trans-1,3-Dichloropropene-	10.59	79	60901	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.96%
39) 2-Hexanone-d5	10.93	63	45405	45.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123927	25.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	185367	28.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.36%

Target Compounds

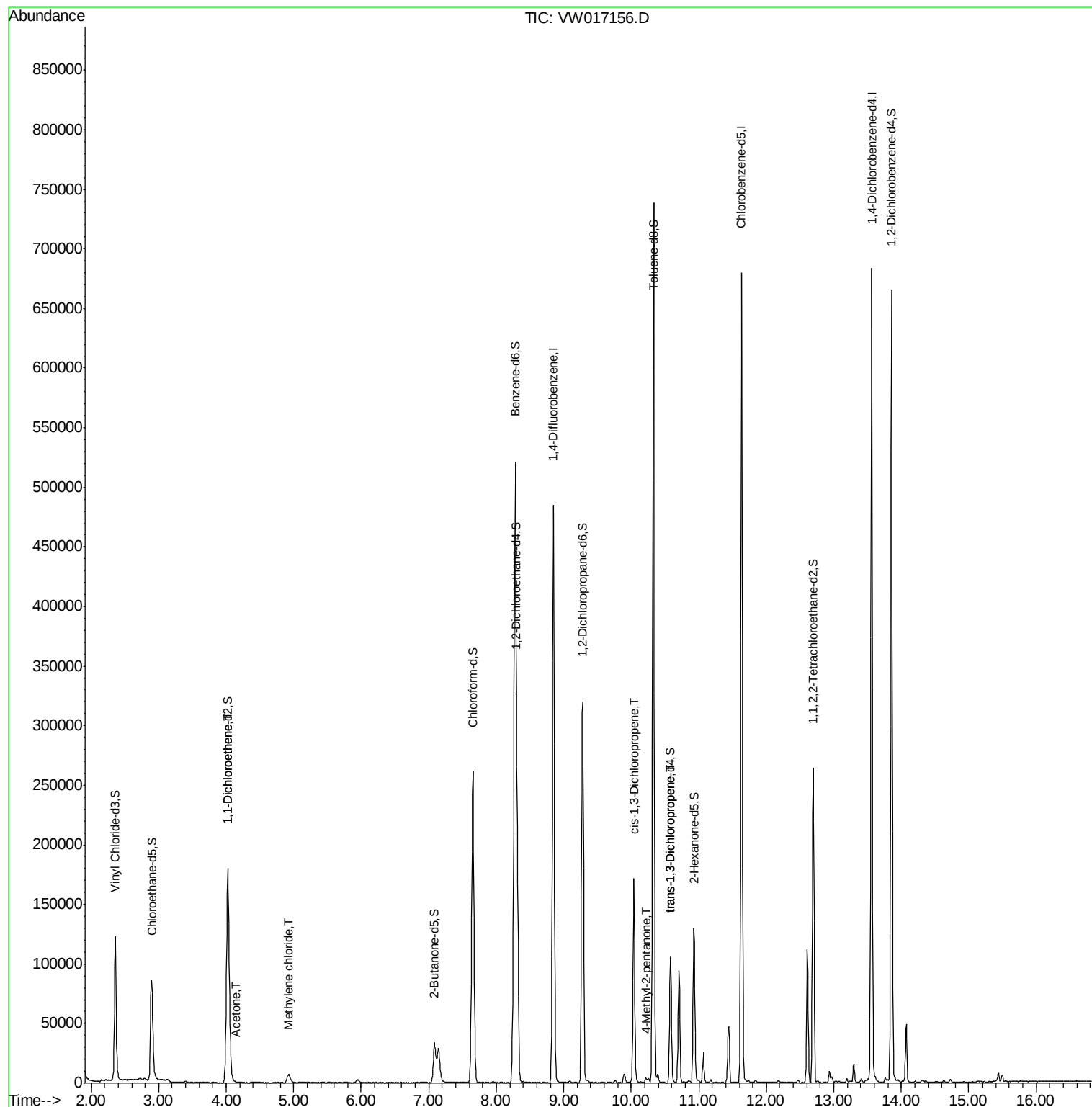
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1973	0.360 ug/L #	1
13) Acetone	4.15	43	336	0.404 ug/L	62
16) Methylene chloride	4.93	84	6160	1.036 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4790	0.610 ug/L #	75
43) 4-Methyl-2-pentanone	10.22	43	2713	0.887 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2913	0.432 ug/L	90

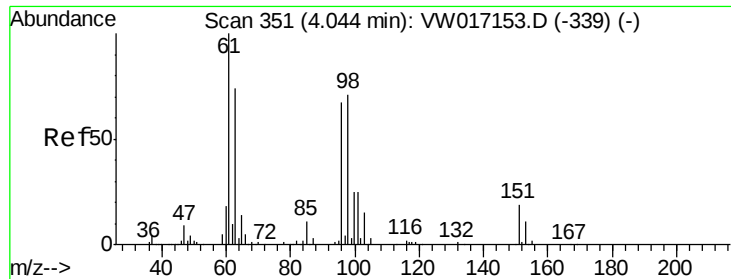
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.360 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017156.D

Acq: 11 Nov 2020 11:42

Instrument :

MSVOA_W

ClientSampled :

VHBLK02

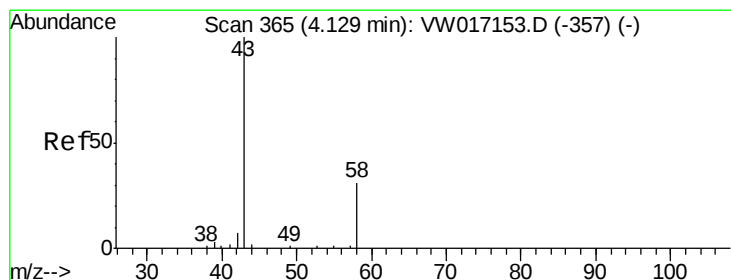
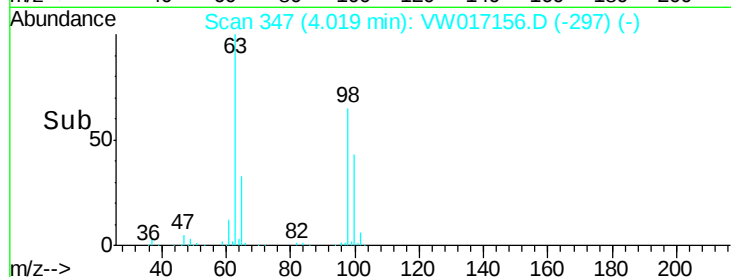
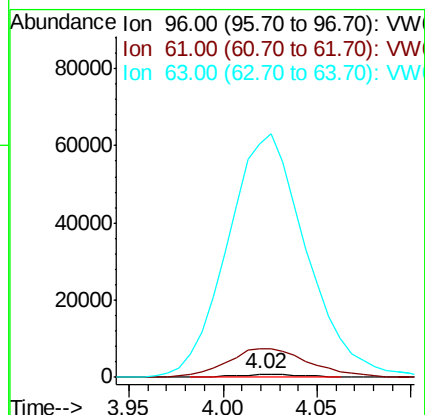
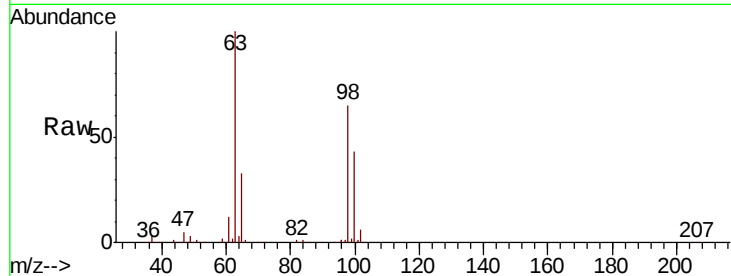
Tot Ion: 96 Resp: 1973

Ion Ratio Lower Upper

96 100

61 905.8 103.8 192.8#

63 7295.3 84.4 156.7#



#13

Acetone

Concen: 0.404 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017156.D

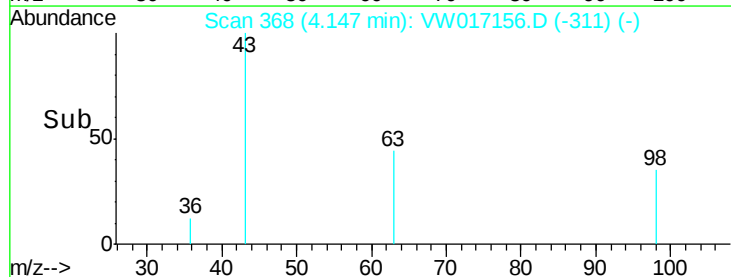
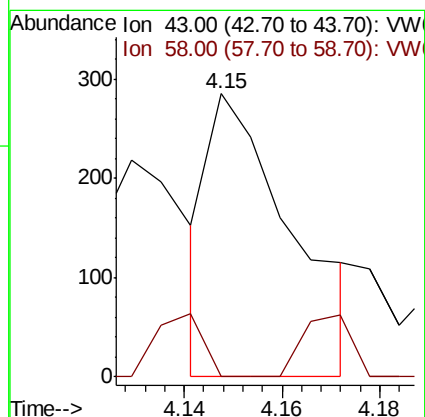
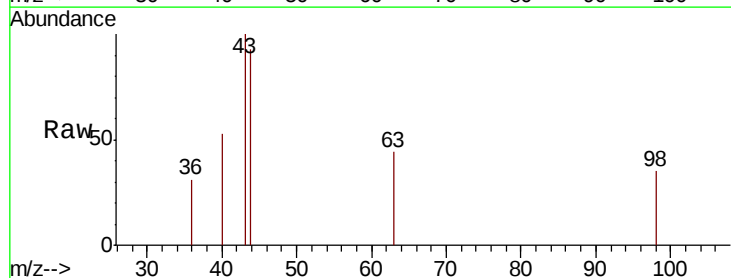
Acq: 11 Nov 2020 11:42

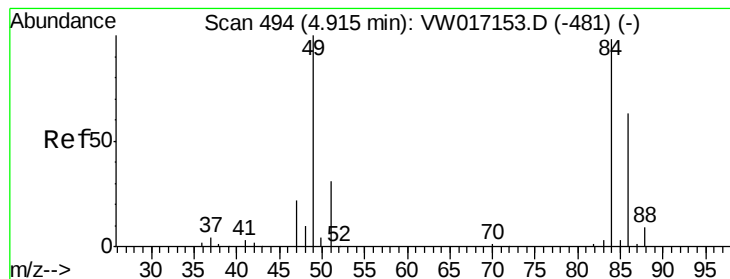
Tgt Ion: 43 Resp: 336

Ion Ratio Lower Upper

43 100

58 12.5 0.0 69.2





#16

Methylene chloride

Concen: 1.036 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017156.D

Acq: 11 Nov 2020 11:42

Instrument :

MSVOA_W

ClientSampled :

VHBLK02

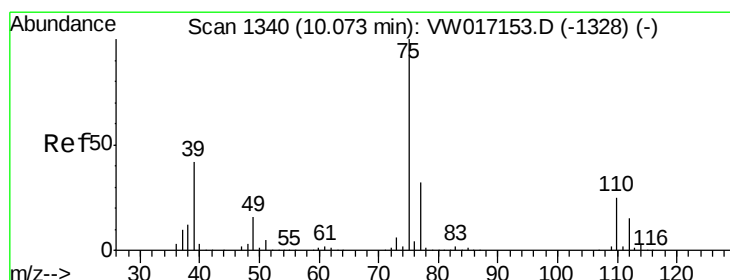
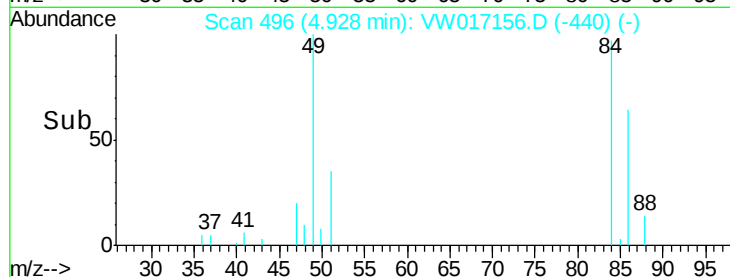
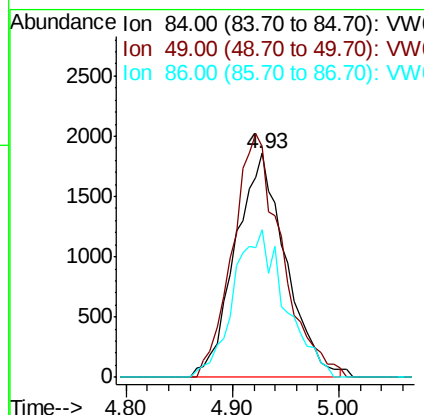
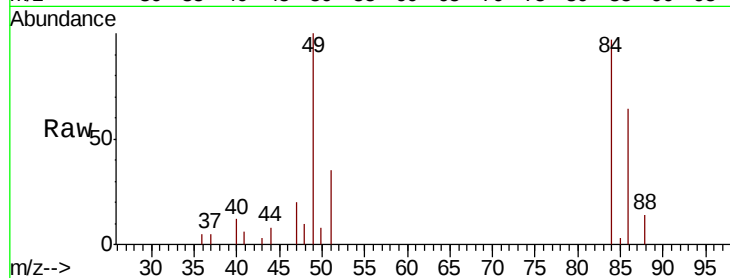
Tot Ion: 84 Resp: 6160

Ion Ratio Lower Upper

84 100

49 102.7 72.3 134.3

86 65.6 45.1 83.7



#42

cis-1,3-Dichloropropene

Concen: 0.610 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017156.D

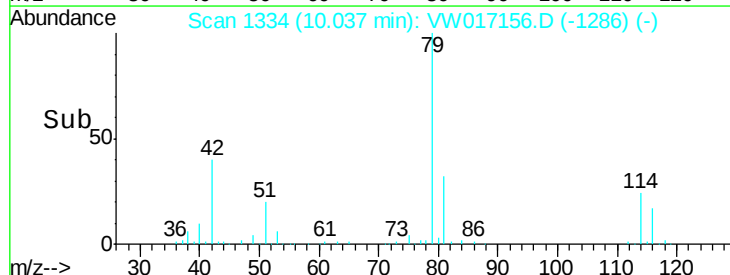
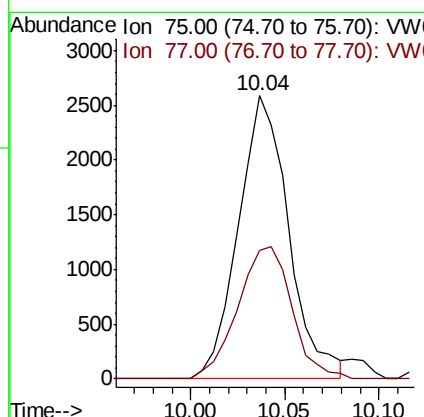
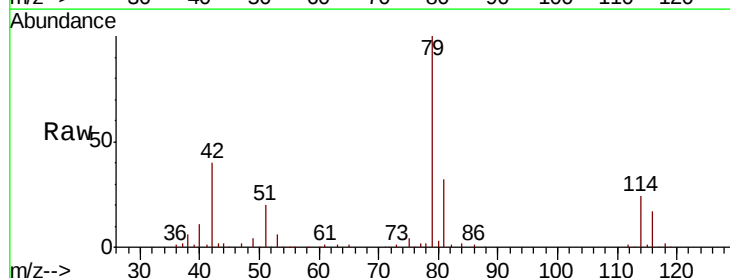
Acq: 11 Nov 2020 11:42

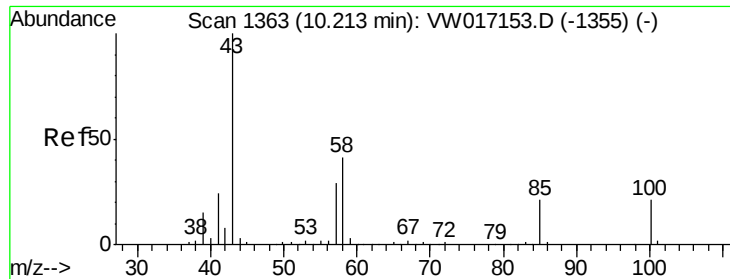
Tgt Ion: 75 Resp: 4790

Ion Ratio Lower Upper

75 100

77 45.5 22.0 41.0#

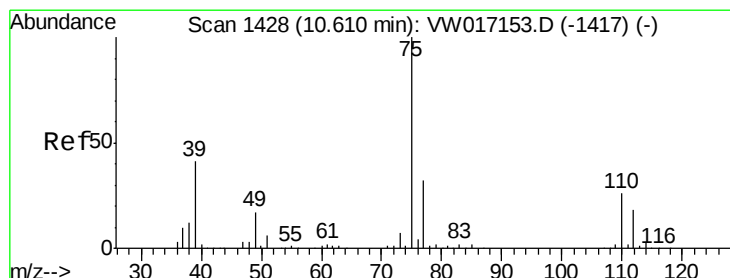
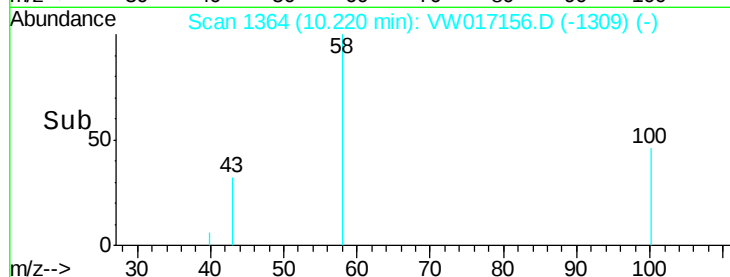
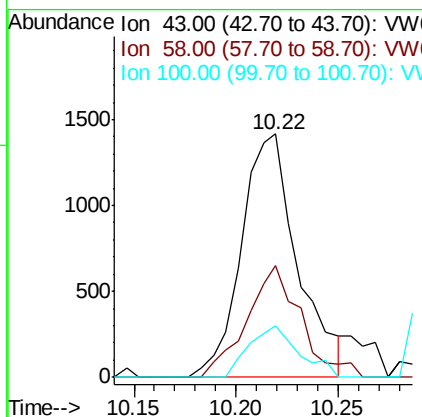
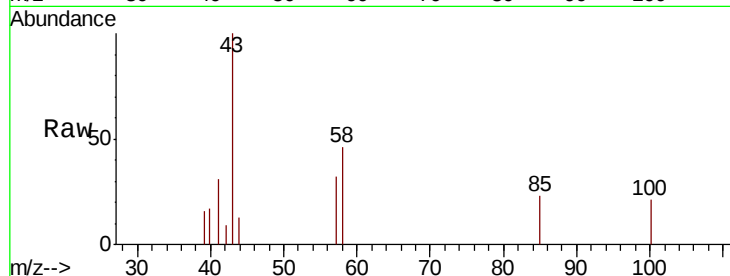




#43
4-Methyl-2-pentanone
Concen: 0.887 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017156.D
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Tot Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 43.1 35.0 52.6
100 17.3 16.6 24.8



#45
trans-1,3-Dichloropropene
Concen: 0.432 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017156.D
Acq: 11 Nov 2020 11:42

Tgt Ion: 75 Resp: 2913
Ion Ratio Lower Upper
75 100
77 37.0 22.1 41.1

