

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017848.D
 Acq On : 13 Jan 2021 15:31
 Operator : SY/VA
 Sample : M1074-12
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jan 14 11:42:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351865	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320293	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	144563	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125529	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.24%
7) Chloroethane-d5	2.89	69	102394	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
10) 1,1-Dichloroethene-d2	4.02	63	169312	17.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.40%
20) 2-Butanone-d5	7.08	46	43495	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
24) Chloroform-d	7.65	84	209797	22.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	8.30	65	120550	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.27	84	430595	23.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.48%
33) 1,2-Dichloropropane-d6	9.27	67	121582	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	397473	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.76%
38) trans-1,3-Dichloropropene-	10.58	79	49402	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.93	63	28277	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83280	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	112765	22.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.60%

Target Compounds

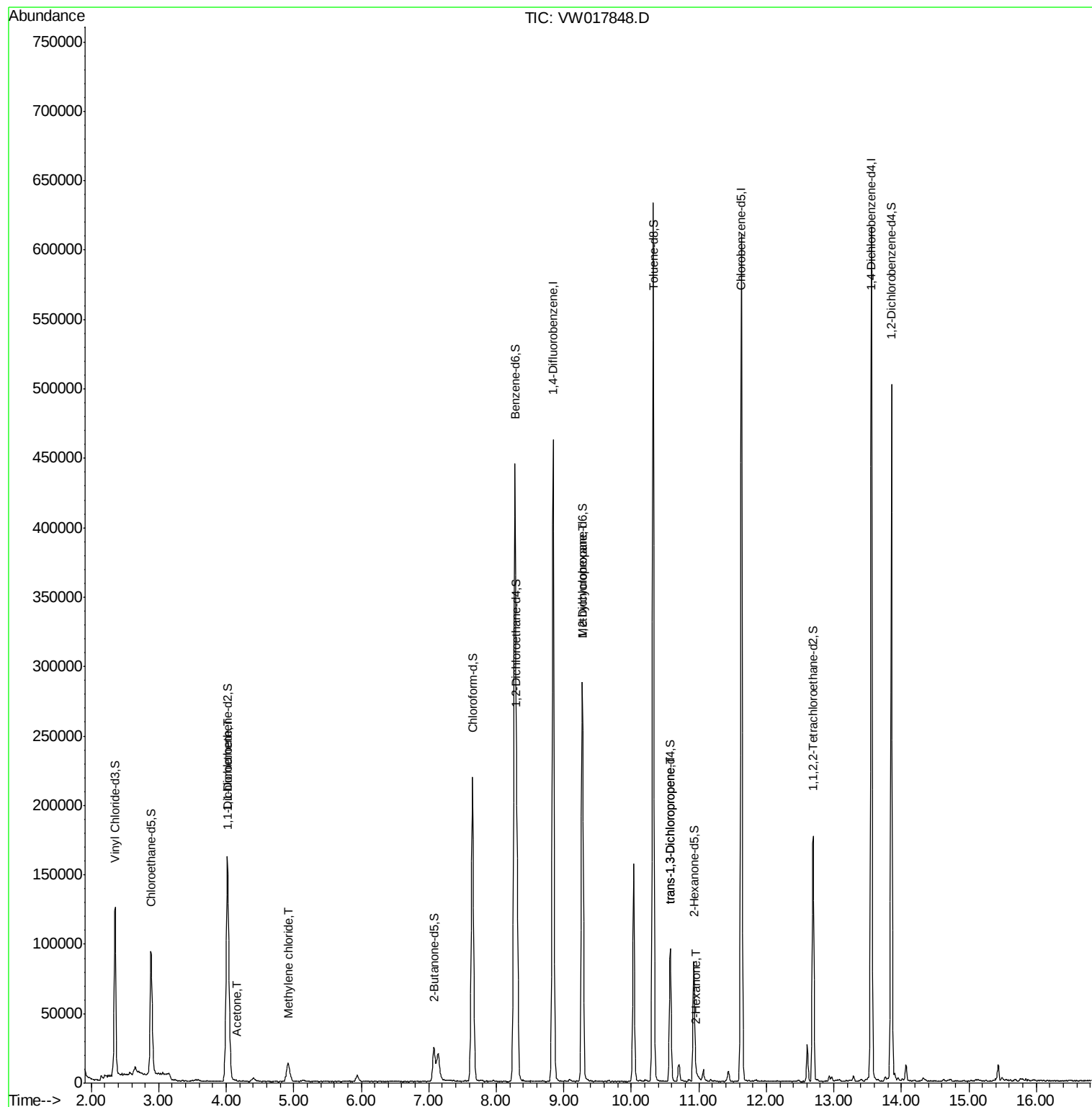
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	1506	0.347	ug/L #	1
13) Acetone	4.16	43	323	0.424	ug/L	64
16) Methylene chloride	4.92	84	10091	2.005	ug/L	87
36) Methylcyclohexane	9.27	83	30310	3.420	ug/L #	20
45) trans-1,3-Dichloropropene	10.58	75	2870	0.489	ug/L	85
49) 2-Hexanone	10.96	43	1060	0.711	ug/L #	85

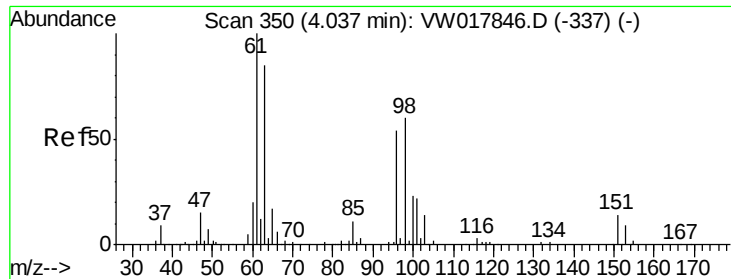
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.347 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW017848.D

Acq: 13 Jan 2021 15:31

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

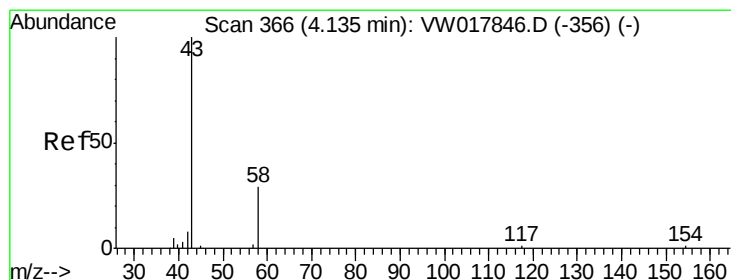
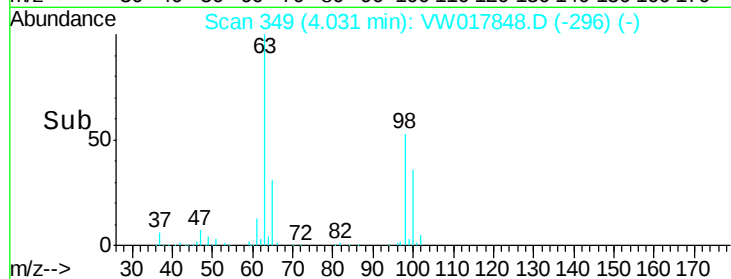
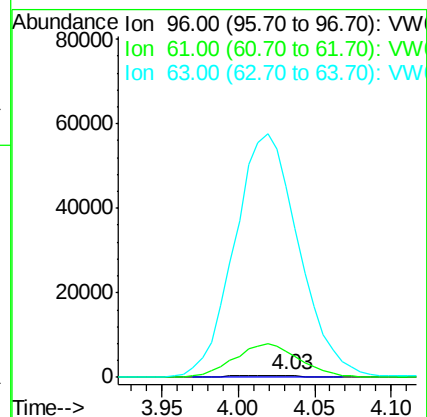
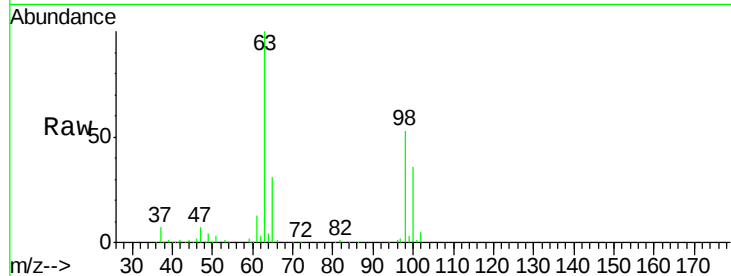
Tgt Ion: 96 Resp: 1506

Ion Ratio Lower Upper

96 100

61 1196.6 126.1 234.1#

63 8951.8 90.0 167.2#



#13

Acetone

Concen: 0.424 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW017848.D

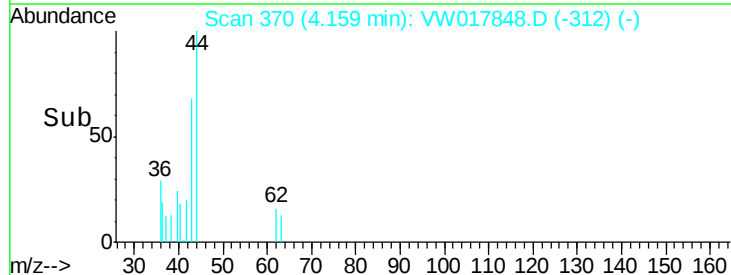
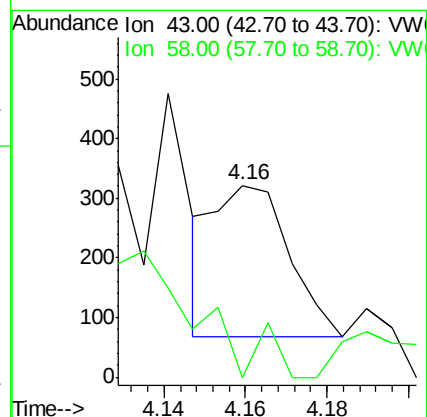
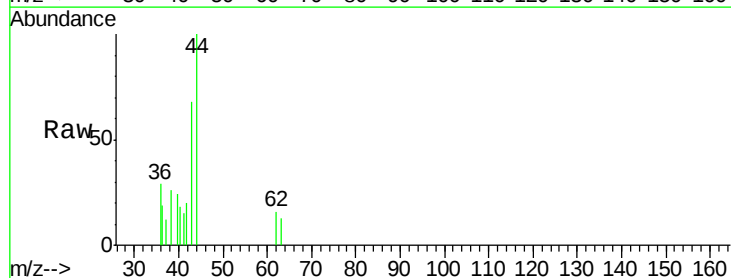
Acq: 13 Jan 2021 15:31

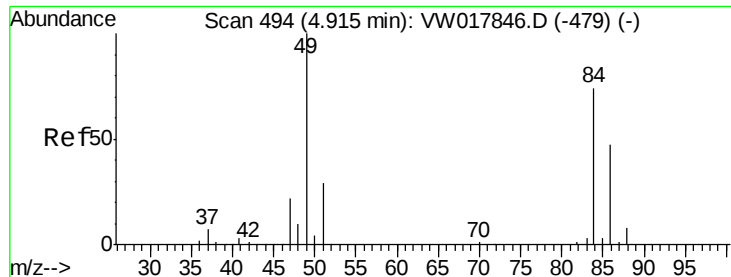
Tgt Ion: 43 Resp: 323

Ion Ratio Lower Upper

43 100

58 10.5 0.0 60.8

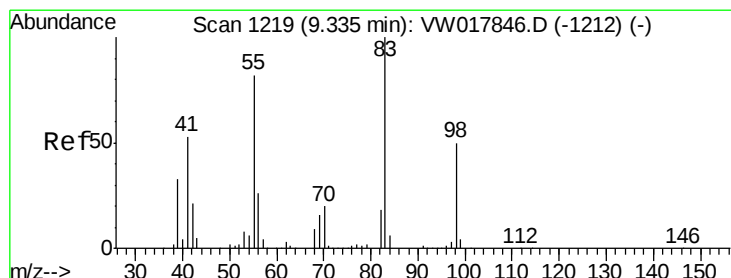
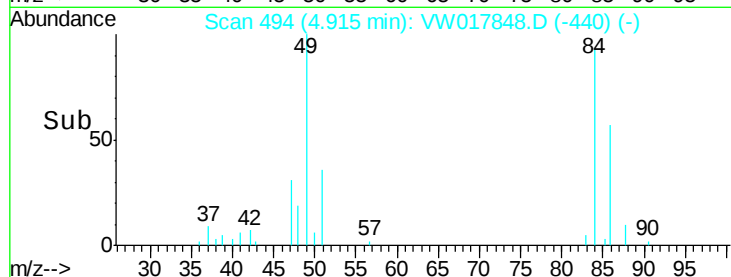
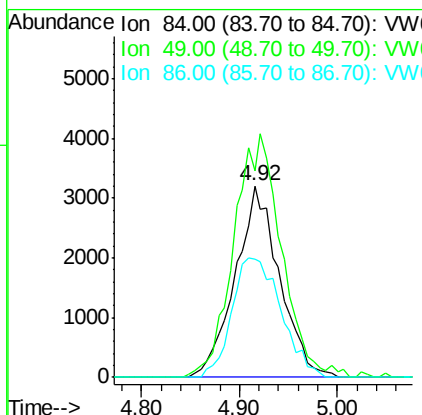
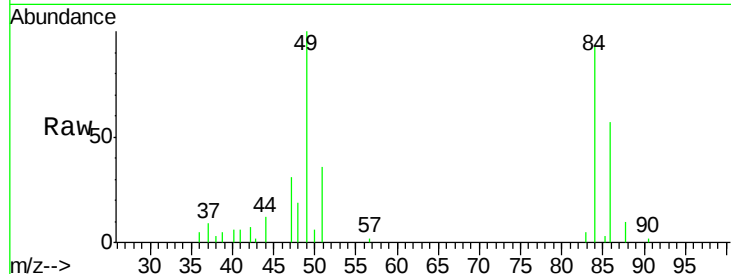




#16
Methylene chloride
Concen: 2.005 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW017848.D
Acq: 13 Jan 2021 15:31

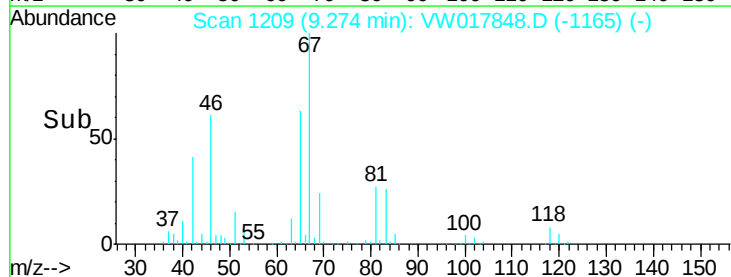
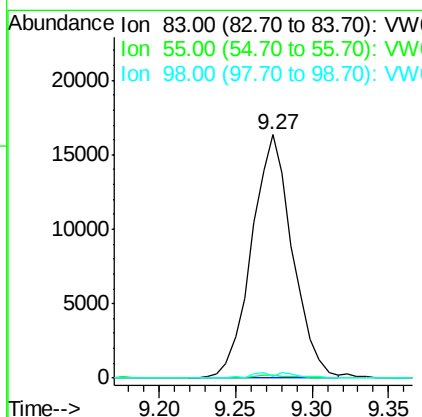
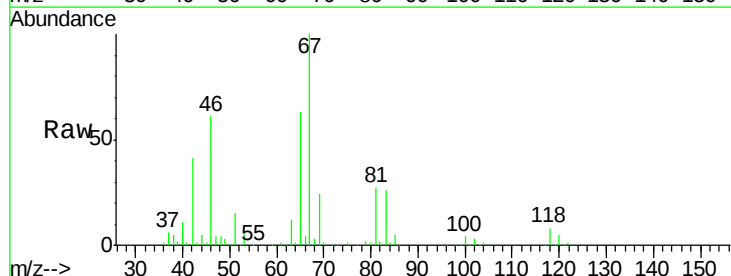
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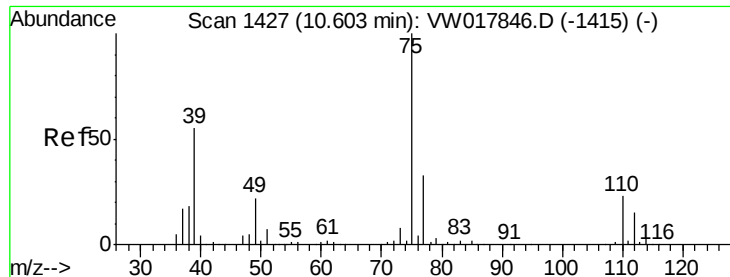
Tgt Ion: 84 Resp: 10091
Ion Ratio Lower Upper
84 100
49 108.0 90.5 168.1
86 61.8 44.8 83.2



#36
Methylcyclohexane
Concen: 3.420 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017848.D
Acq: 13 Jan 2021 15:31

Tgt Ion: 83 Resp: 30310
Ion Ratio Lower Upper
83 100
55 0.4 57.6 86.4#
98 1.1 39.7 59.5#





#45

trans-1,3-Dichloropropene

Concen: 0.489 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017848.D

Acq: 13 Jan 2021 15:31

Instrument :

MSVOA_W

ClientSampleId :

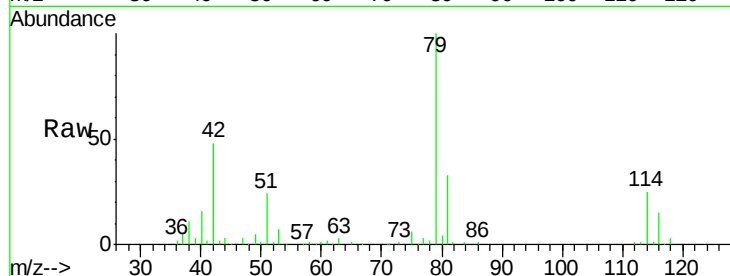
VHBLK01

Tgt Ion: 75 Resp: 2870

Ion Ratio Lower Upper

75 100

77 38.9 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

1500

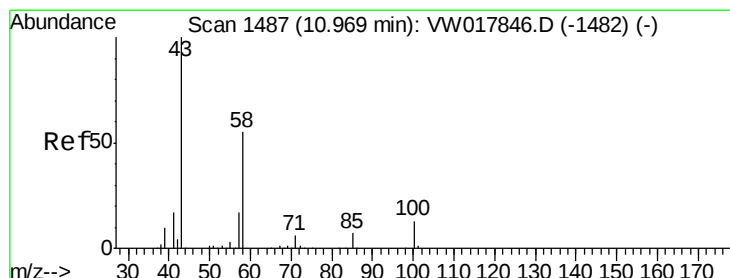
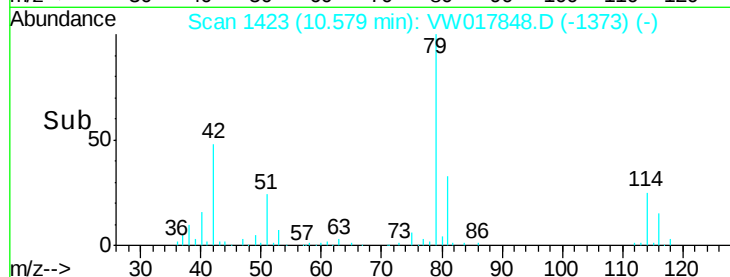
1000

500

0

10.55 10.60

Time-->



#49

2-Hexanone

Concen: 0.711 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017848.D

Acq: 13 Jan 2021 15:31

Tgt Ion: 43 Resp: 1060

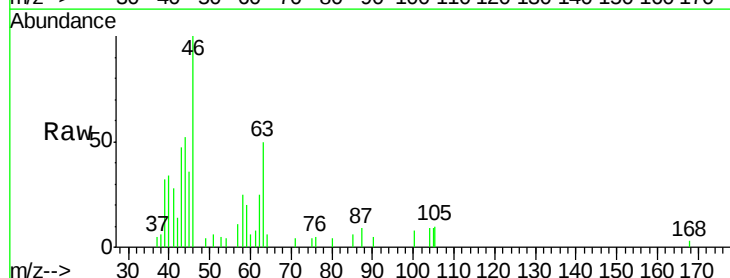
Ion Ratio Lower Upper

43 100

58 39.1 44.2 66.4#

57 18.9 16.1 24.1

100 11.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

2500

2000

1500

1000

500

0

10.95 11.00

Time-->

