

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017873.D
 Acq On : 14 Jan 2021 12:32
 Operator : SY/VA
 Sample : M1117-01RE
 Misc : 6.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:45:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270442	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	81295	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124579	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	2.89	69	104407	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
10) 1,1-Dichloroethene-d2	4.03	63	159635	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.44%
20) 2-Butanone-d5	7.08	46	46871	54.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.58%
24) Chloroform-d	7.65	84	213774	23.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	8.30	65	122551	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	8.27	84	412254	27.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.24%
33) 1,2-Dichloropropane-d6	9.27	67	121127	28.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.36%
37) Toluene-d8	10.32	98	356867	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	43309	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	10.93	63	31108	58.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81626	26.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	66827	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

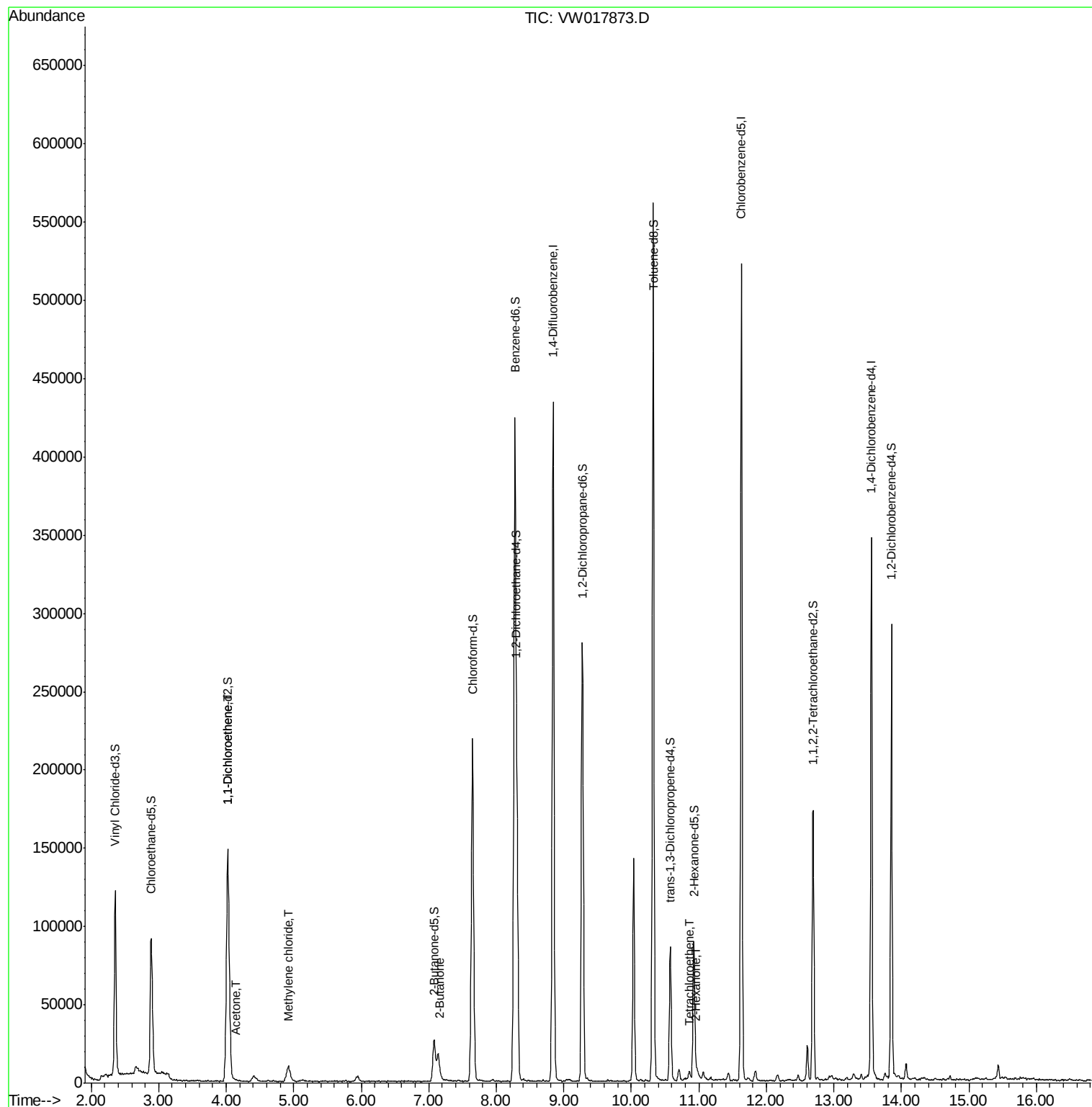
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1262	0.300 ug/L #	1
13) Acetone	4.14	43	1404	1.901 ug/L	69
16) Methylene chloride	4.93	84	6101	1.251 ug/L	98
21) 2-Butanone	7.16	43	778	0.783 ug/L #	65
47) Tetrachloroethene	10.86	164	1099	0.328 ug/L #	74
49) 2-Hexanone	10.97	43	1745	1.387 ug/L #	63

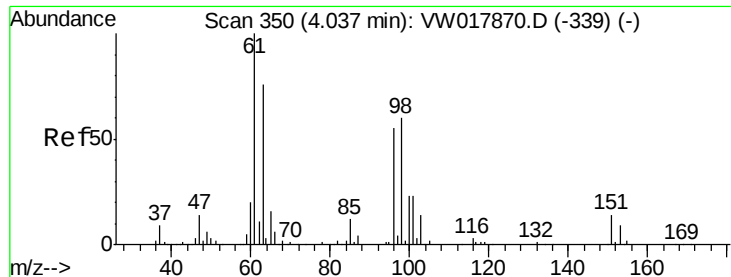
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.300 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW017873.D

Acq: 14 Jan 2021 12:32

Instrument :
MSVOA_W
ClientSampled :

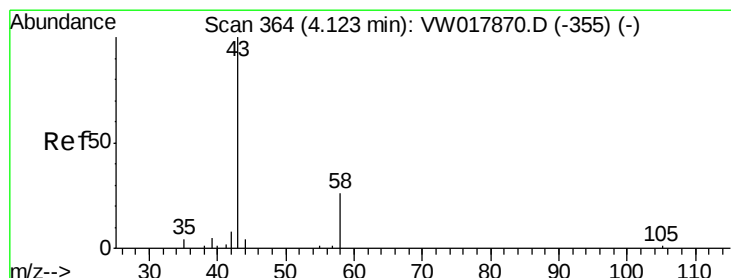
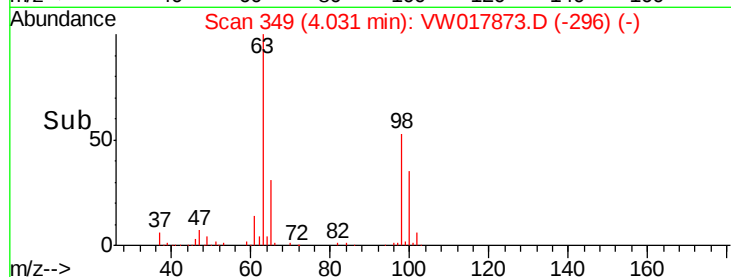
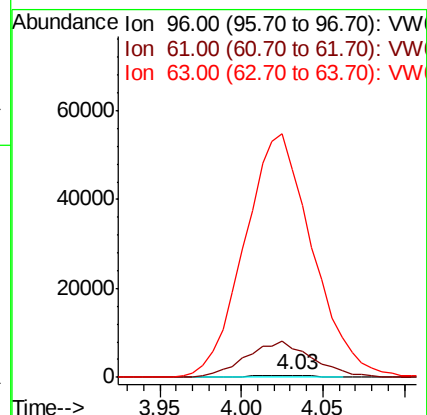
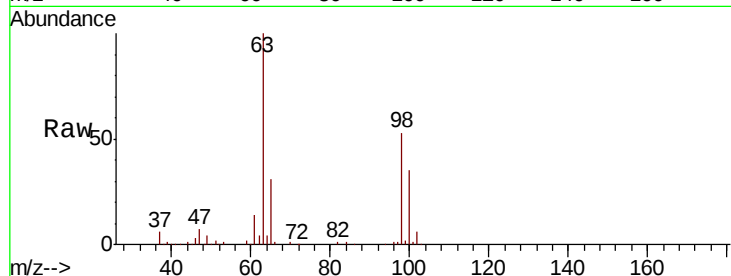
Tot Ion: 96 Resp: 1262

Ion Ratio Lower Upper

96 100

61 1497.4 126.1 234.1#

63 10874.4 90.0 167.2#



#13

Acetone

Concen: 1.901 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017873.D

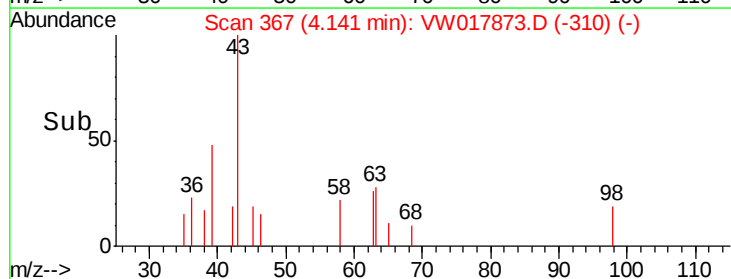
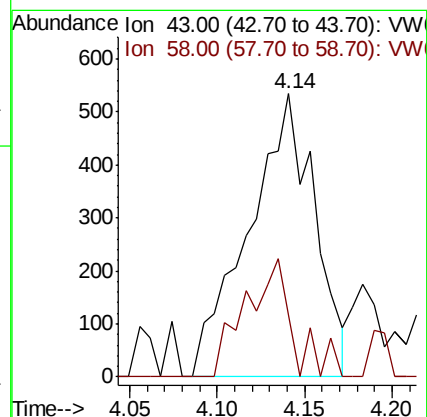
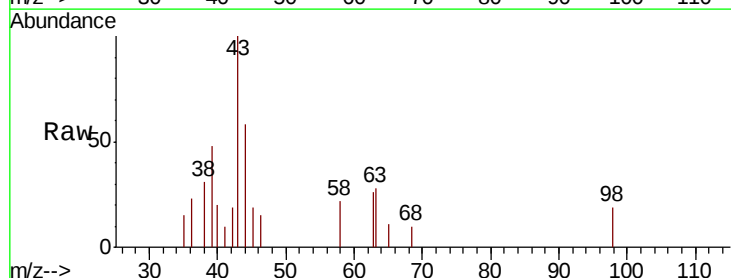
Acq: 14 Jan 2021 12:32

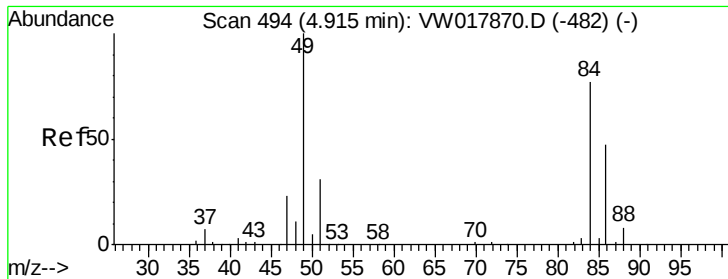
Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

43 100

58 13.5 0.0 60.8

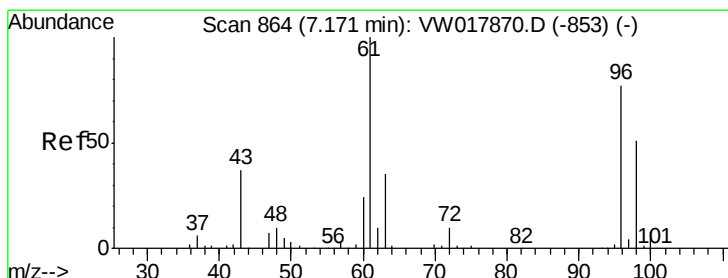
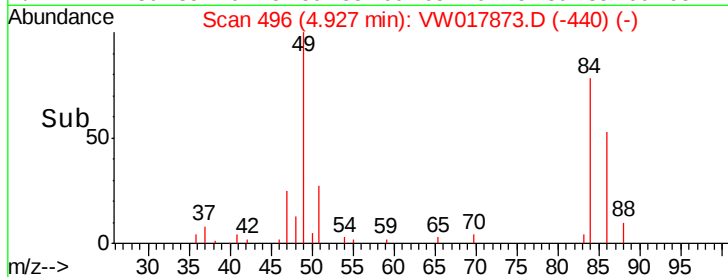
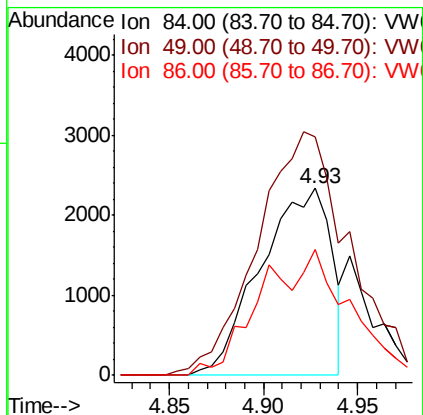
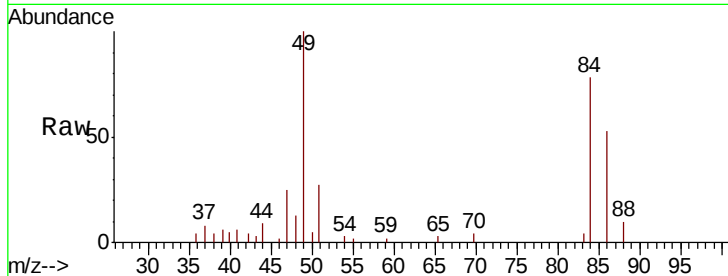




#16
Methvlene chloride
Concen: 1.251 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017873.D
Acq: 14 Jan 2021 12:32

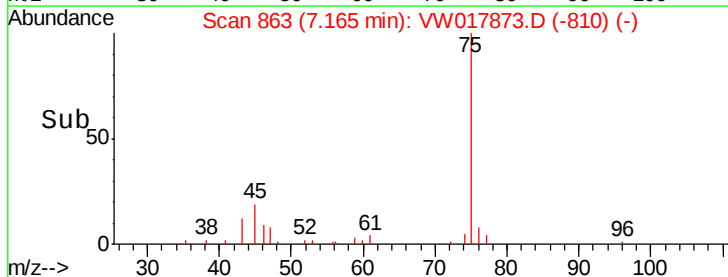
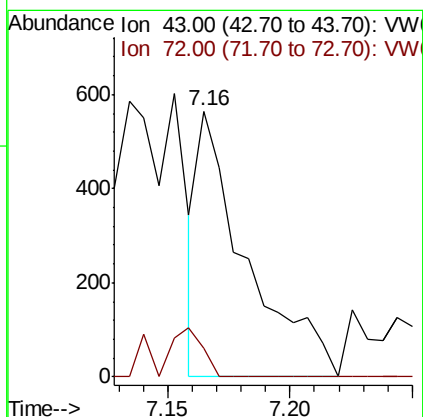
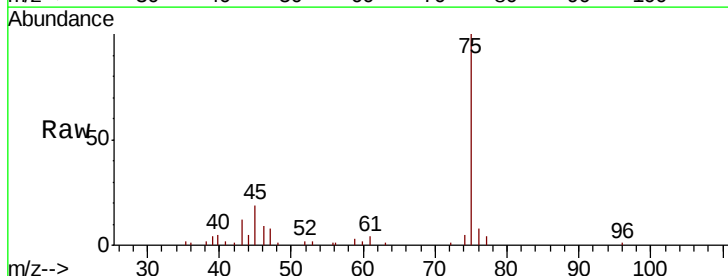
Instrument :
MSVOA_W
ClientSampleId :

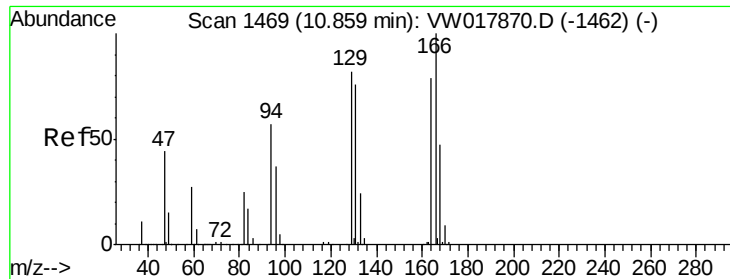
Tot Ion: 84 Resp: 6101
Ion Ratio Lower Upper
84 100
49 127.5 90.5 168.1
86 67.1 44.8 83.2



#21
2-Butanone
Concen: 0.783 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW017873.D
Acq: 14 Jan 2021 12:32

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
72 11.8 15.4 46.2#





#47

Tetrachloroethene

Concen: 0.328 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW017873.D

Acq: 14 Jan 2021 12:32

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 1099

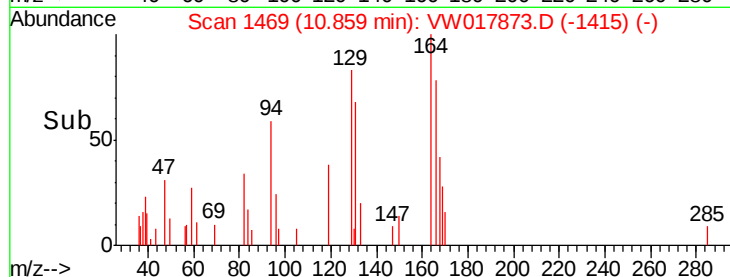
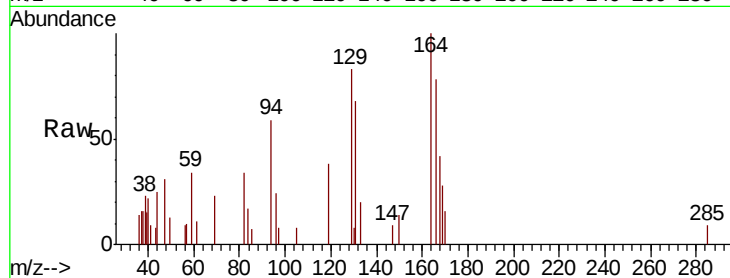
Ion Ratio Lower Upper

164 100

129 82.6 62.9 116.9

131 67.6 63.8 118.6

166 78.4 87.4 162.2#



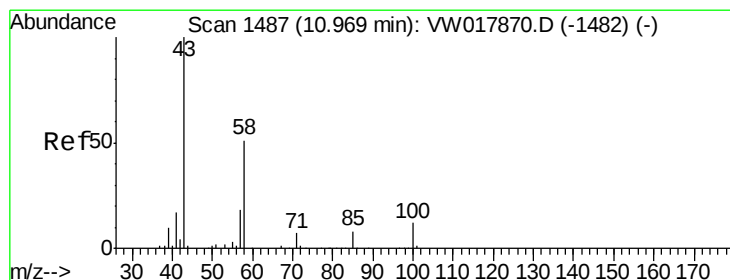
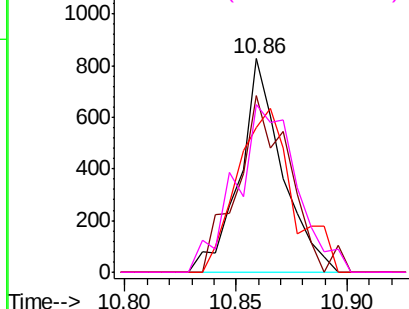
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 1.387 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017873.D

Acq: 14 Jan 2021 12:32

Tgt Ion: 43 Resp: 1745

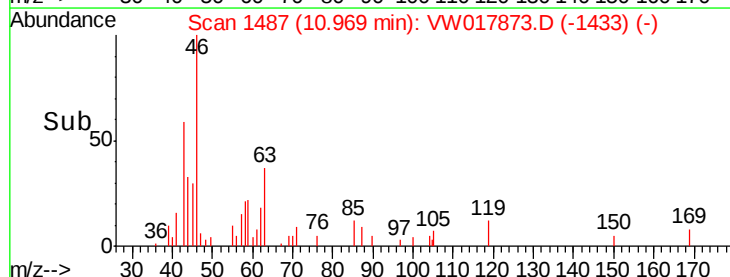
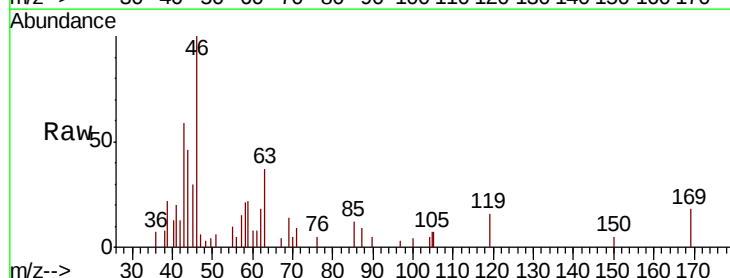
Ion Ratio Lower Upper

43 100

58 22.5 44.2 66.4#

57 7.2 16.1 24.1#

100 7.9 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

