

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009832.D
 Acq On : 09 Apr 2019 10:46
 Operator : SY/VA
 Sample : K2303-01
 Misc : 4.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF896

Quant Time: Apr 10 01:00:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	474675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	137475	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	128877	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
10) 1,1-Dichloroethene-d2	4.01	63	240076	17.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.88%
20) 2-Butanone-d5	7.07	46	100133	49.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.30%
24) Chloroform-d	7.65	84	334395	25.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.28%
26) 1,2-Dichloroethane-d4	8.31	65	219636	27.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.48%
29) Benzene-d6	8.27	84	602865	28.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.60%
33) 1,2-Dichloropropane-d6	9.27	67	191707	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.00%
37) Toluene-d8	10.32	98	489034	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.57	79	76126	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	10.93	63	62805	51.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150696	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	117304	25.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.76%

Target Compounds

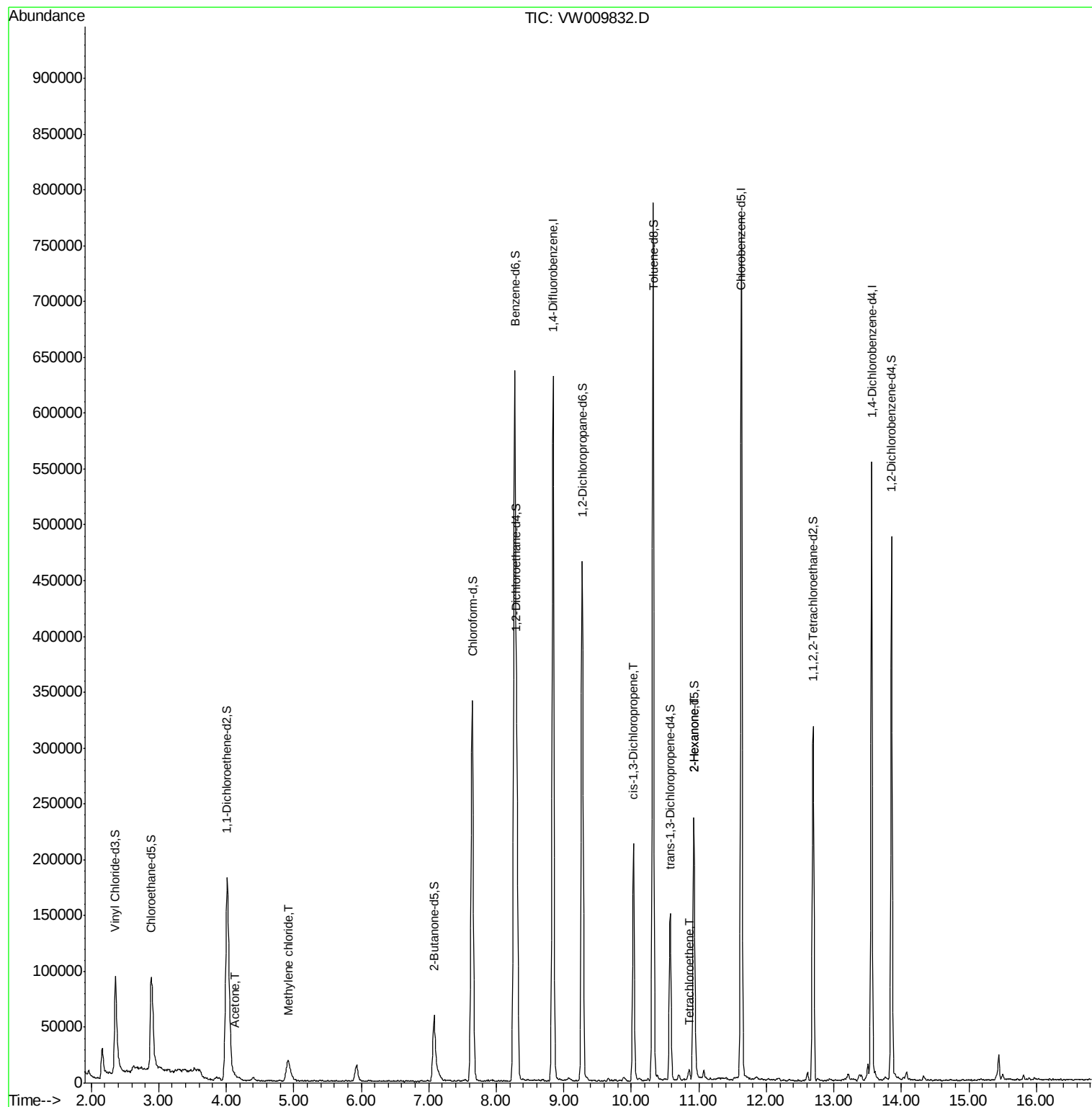
					Qvalue
13) Acetone	4.12	43	4523	2.093 ug/L	82
16) Methylene chloride	4.92	84	16078	1.921 ug/L	85
42) cis-1,3-Dichloropropene	10.03	75	5929	0.625 ug/L #	70
47) Tetrachloroethene	10.87	164	1686	0.342 ug/L #	74
49) 2-Hexanone	10.93	43	9576	2.705 ug/L #	83

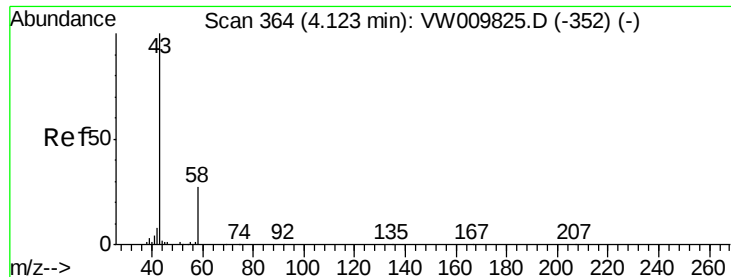
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.093 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009832.D

Acq: 09 Apr 2019 10:46

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MSVOA_W

ClientSampleId :

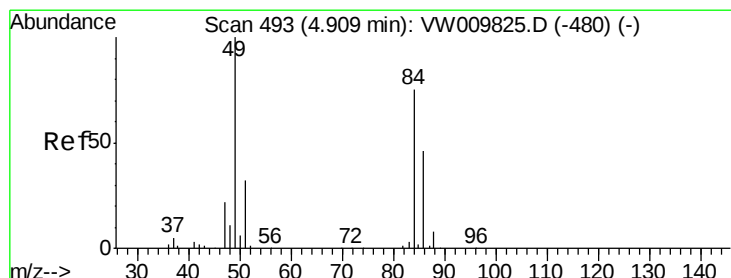
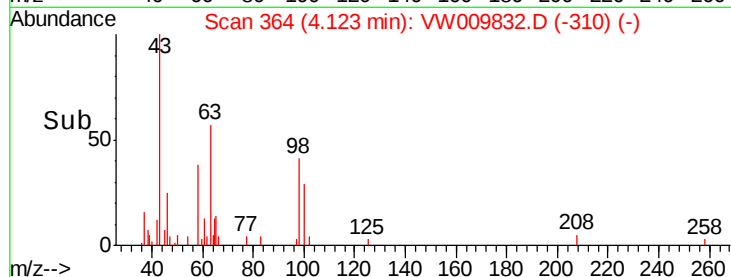
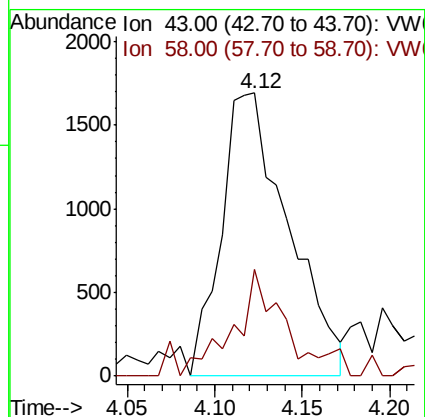
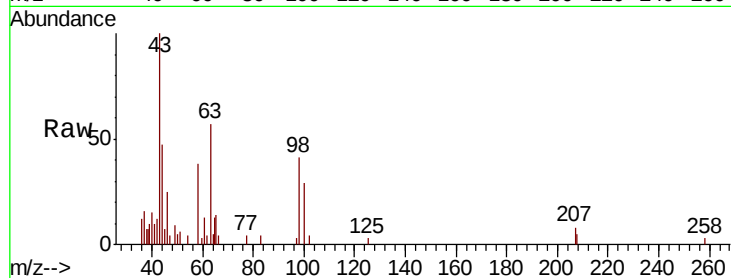
BF896

Tgt Ion: 43 Resp: 4523

Ion Ratio Lower Upper

43 100

58 17.5 0.0 53.0



#16

Methylene chloride

Concen: 1.921 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009832.D

Acq: 09 Apr 2019 10:46

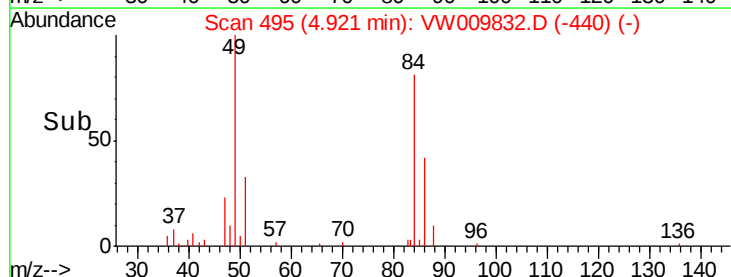
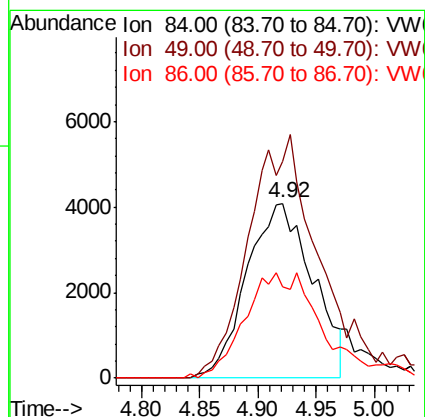
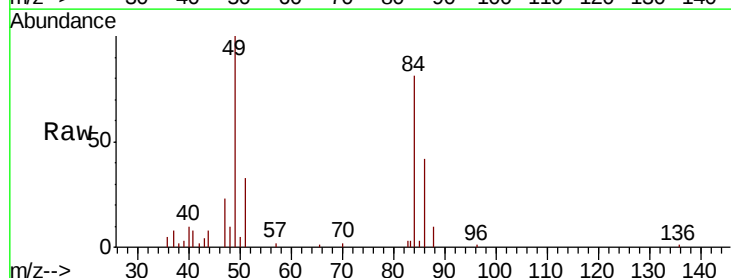
Tgt Ion: 84 Resp: 16078

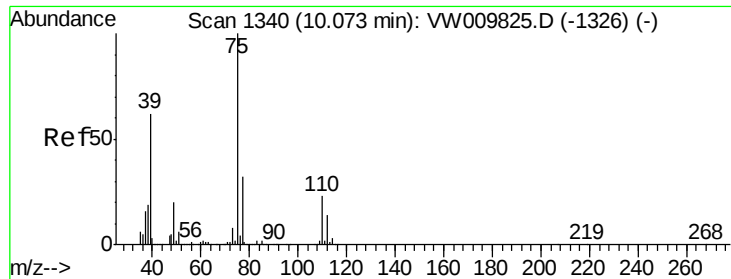
Ion Ratio Lower Upper

84 100

49 124.0 98.3 182.5

86 52.2 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.625 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Acq: 09 Apr 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

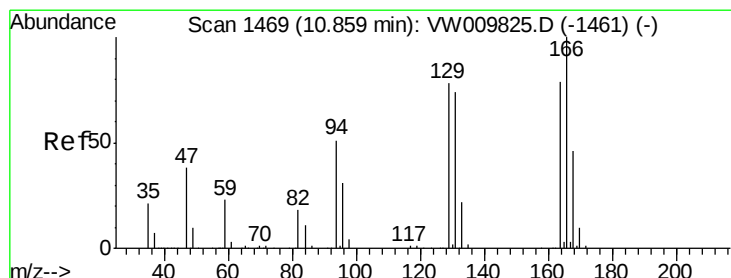
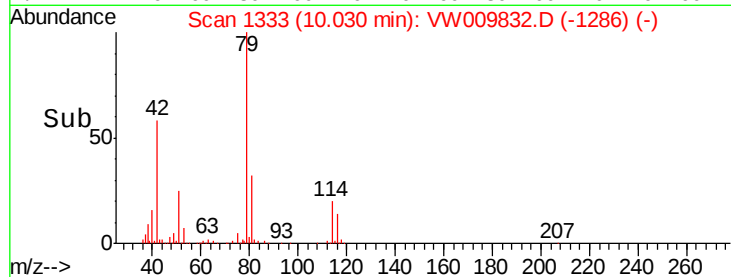
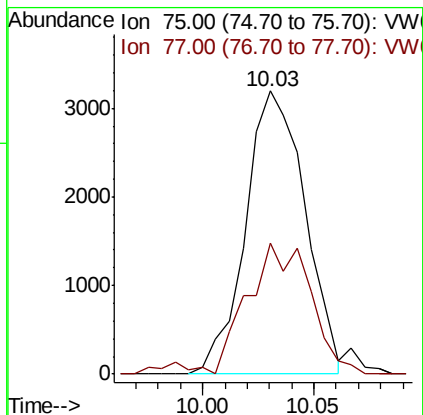
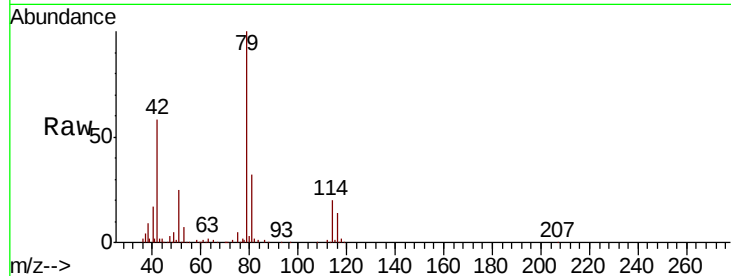
BF896

Tgt Ion: 75 Resp: 5929

Ion Ratio Lower Upper

75 100

77 46.2 21.0 39.0#



#47

Tetrachloroethene

Concen: 0.342 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009832.D

Acq: 09 Apr 2019 10:46

Tgt Ion: 164 Resp: 1686

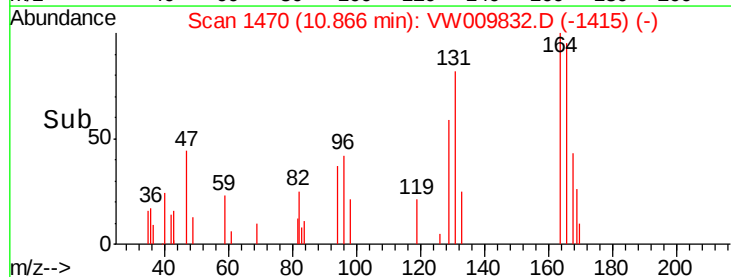
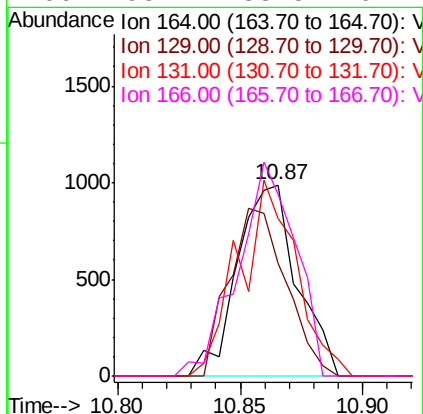
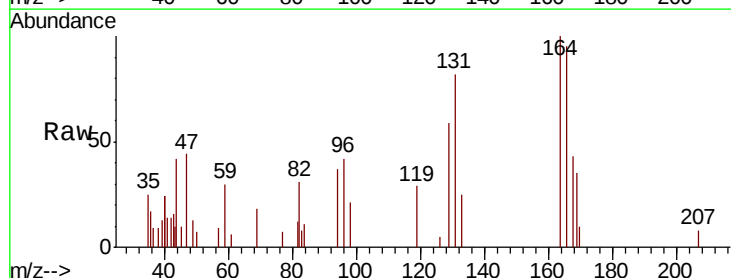
Ion Ratio Lower Upper

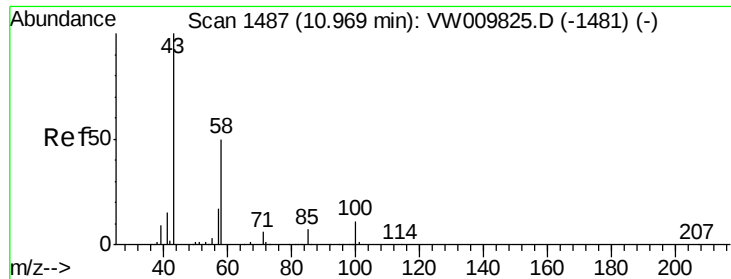
164 100

129 59.3 68.9 127.9#

131 82.3 63.1 117.1

166 95.4 88.5 164.4





#49

2-Hexanone

Concen: 2.705 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009832.D

Acq: 09 Apr 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

BF896

Tgt Ion: 43 Resp: 9576

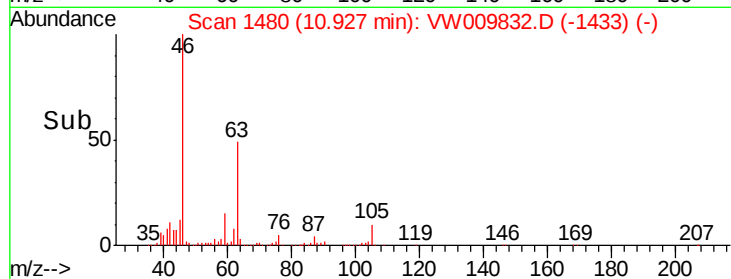
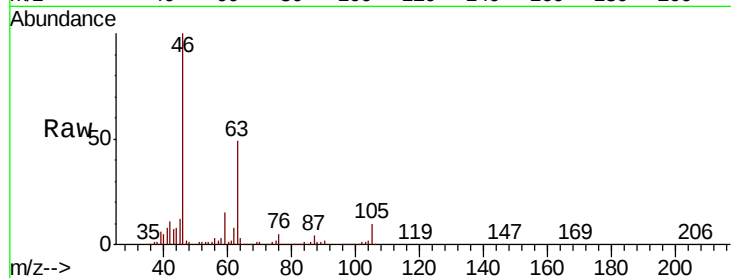
Ion Ratio Lower Upper

43 100

58 47.9 38.9 58.3

57 44.7 13.8 20.6#

100 6.2 8.6 13.0#



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

