

Data File : VW009367.D
Acq On : 23 Mar 2019 02:05
Operator : SY/VA
Sample : K2031-07
Misc : 5.50G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5X6

Quant Time: Mar 23 06:19:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	374425	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93648	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
7) Chloroethane-d5	2.89	69	100459	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.76%
10) 1,1-Dichloroethene-d2	4.01	63	146025	15.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.40%
20) 2-Butanone-d5	7.07	46	80773	43.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.30%
24) Chloroform-d	7.65	84	236977	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.39	65	195	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	431194	22.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.52%
33) 1,2-Dichloropropane-d6	9.27	67	141415	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.32	98	368673	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	57917	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.72%
39) 2-Hexanone-d5	10.93	63	60937	43.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136664	23.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	128815	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

Target Compounds

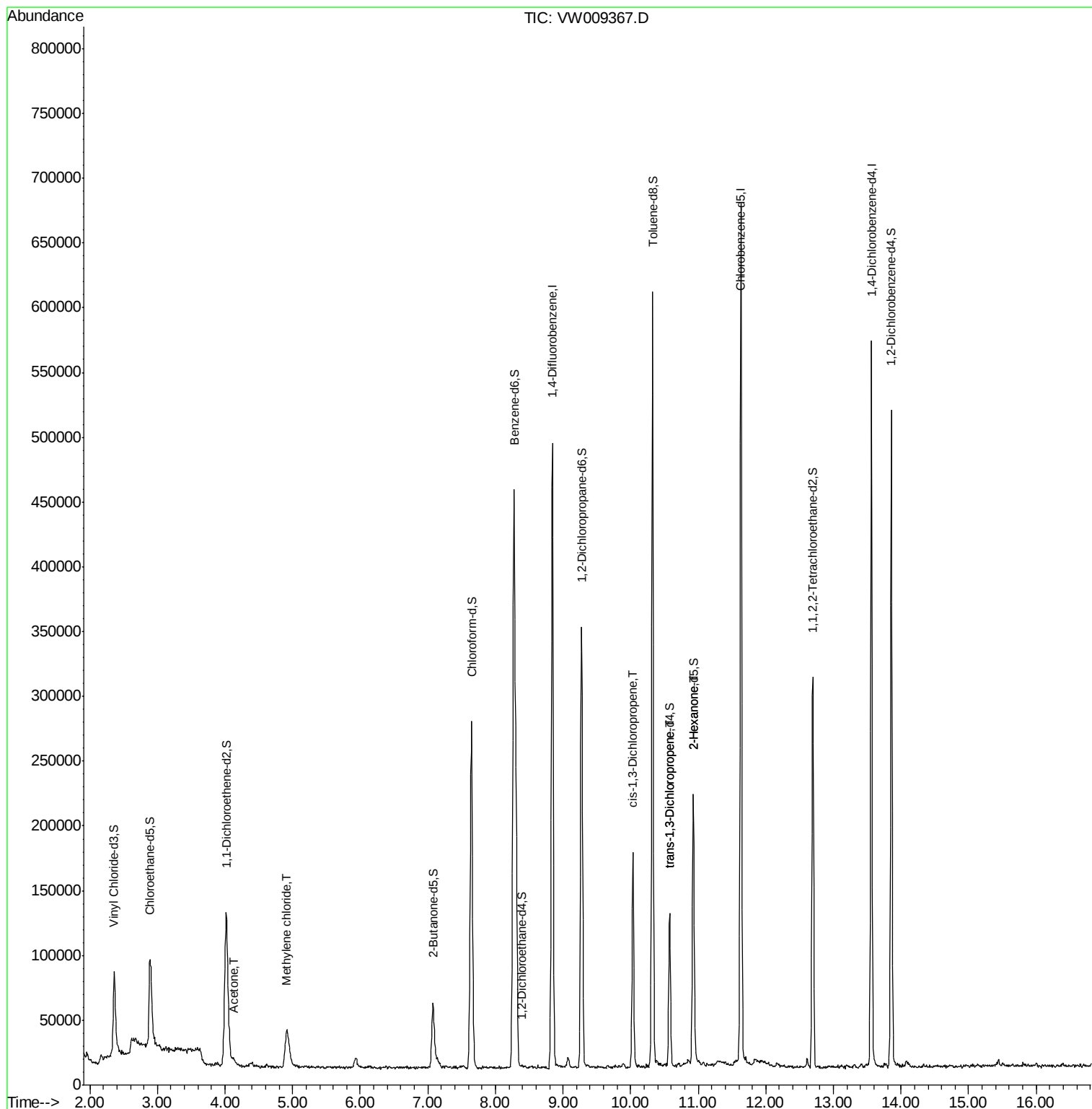
					Qvalue
13) Acetone	4.13	43	5673	3.739 ug/L	97
16) Methylene chloride	4.91	84	14833	2.717 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	4690	0.587 ug/L #	62
45) trans-1,3-Dichloropropene	10.58	75	3338	0.480 ug/L	87
49) 2-Hexanone	10.93	43	12325	3.936 ug/L #	72

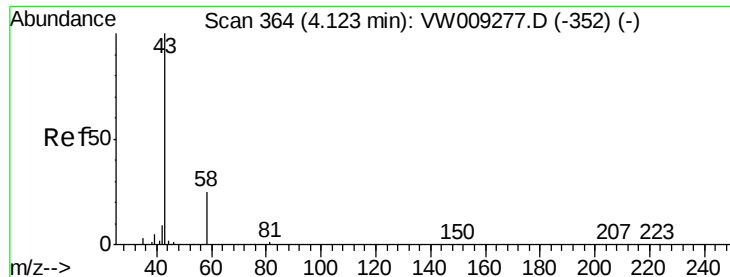
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.739 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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Acq: 23 Mar 2019 02:05

Instrument :

MSVOA_W

ClientSampleId :

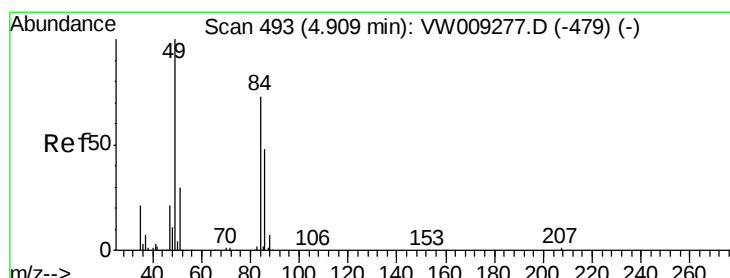
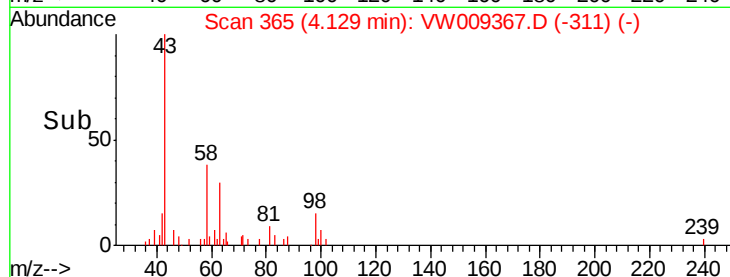
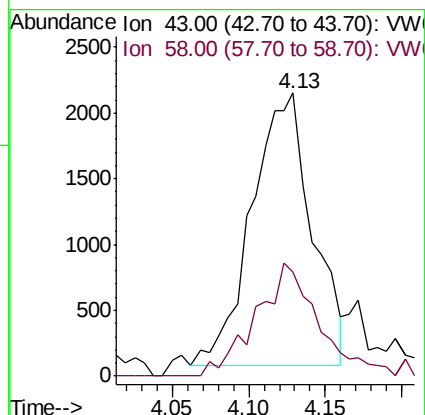
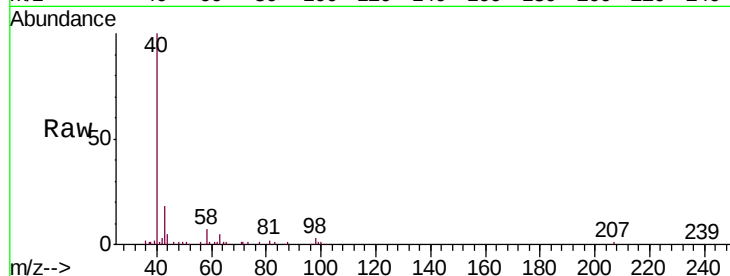
BF5X6

Tgt Ion: 43 Resp: 5673

Ion Ratio Lower Upper

43 100

58 26.5 0.0 56.2



#16

Methylene chloride

Concen: 2.717 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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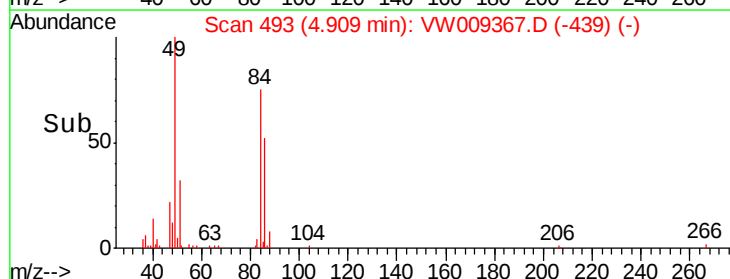
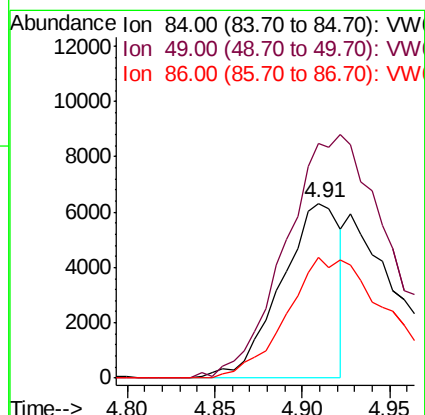
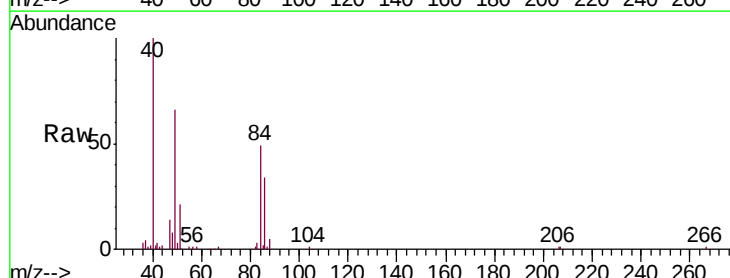
Tgt Ion: 84 Resp: 14833

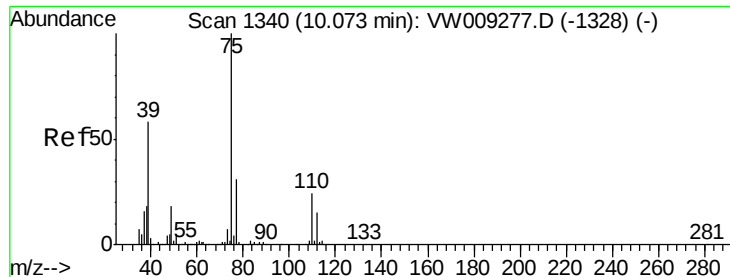
Ion Ratio Lower Upper

84 100

49 133.9 96.0 178.2

86 69.2 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.587 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

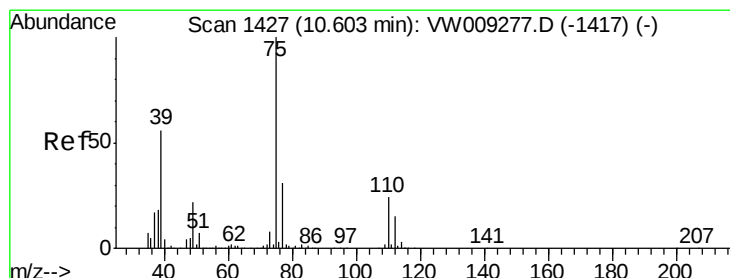
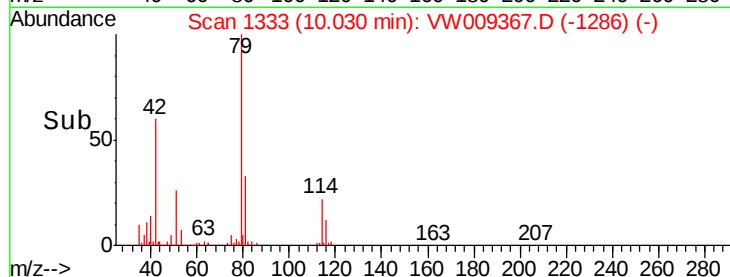
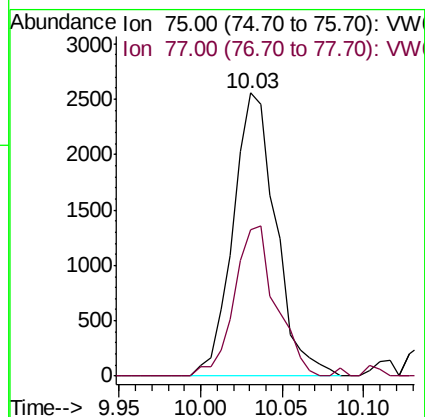
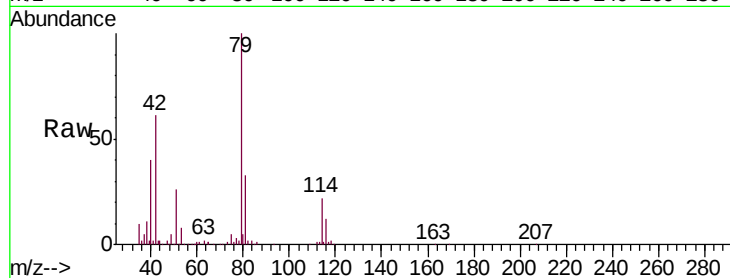
BF5X6

Tgt Ion: 75 Resp: 4690

Ion Ratio Lower Upper

75 100

77 51.6 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.480 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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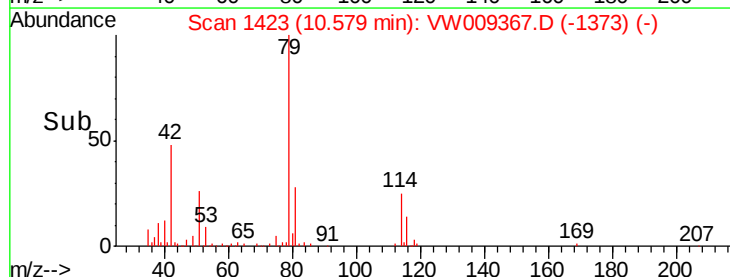
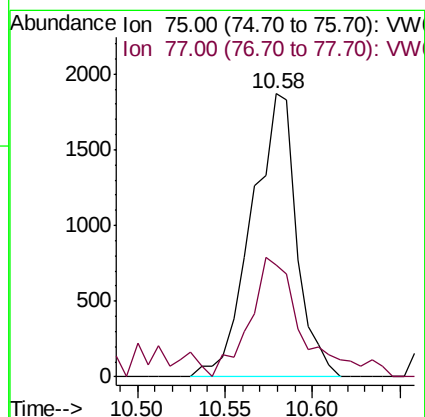
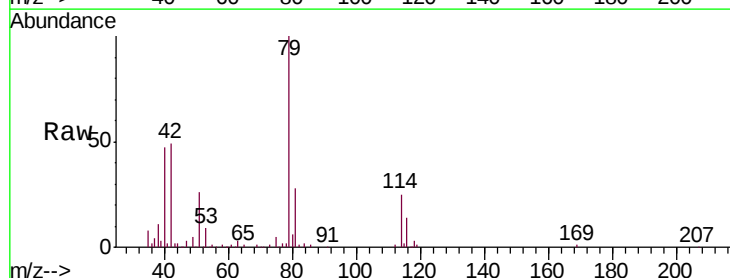
Acq: 23 Mar 2019 02:05

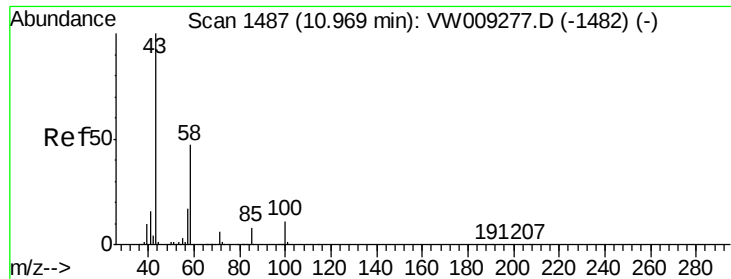
Tgt Ion: 75 Resp: 3338

Ion Ratio Lower Upper

75 100

77 39.6 22.5 41.7





#49

2-Hexanone

Concen: 3.936 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 23 Mar 2019 02:05

Instrument :

MSVOA_W

ClientSampleId :

BF5X6

Tgt Ion: 43 Resp: 12325

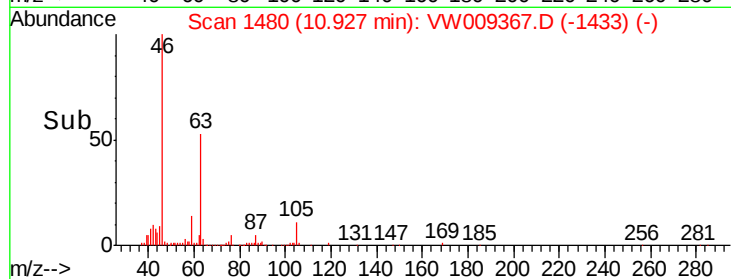
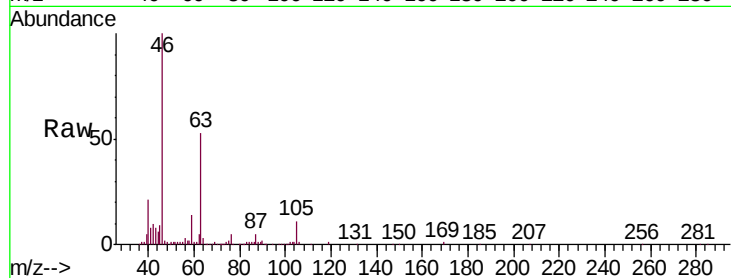
Ion Ratio Lower Upper

43 100

58 26.1 39.2 58.8#

57 25.0 14.2 21.2#

100 1.7 8.9 13.3#



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

