

Data File : VW009559.D
Acq On : 29 Mar 2019 02:12
Operator : SY/VA
Sample : K2083-09
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Mar 29 07:45:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	369285	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364113	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125222	28.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.52%
7) Chloroethane-d5	2.88	69	123381	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
10) 1,1-Dichloroethene-d2	4.01	63	192341	20.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.68%
20) 2-Butanone-d5	7.07	46	110234	60.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.80%
24) Chloroform-d	7.64	84	252115	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.30	65	162171	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.84%
29) Benzene-d6	8.27	84	477791	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.27	67	145935	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	430231	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.68%
38) trans-1,3-Dichloropropene-	10.58	79	62298	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.93	63	71685	49.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146257	24.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	151280	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

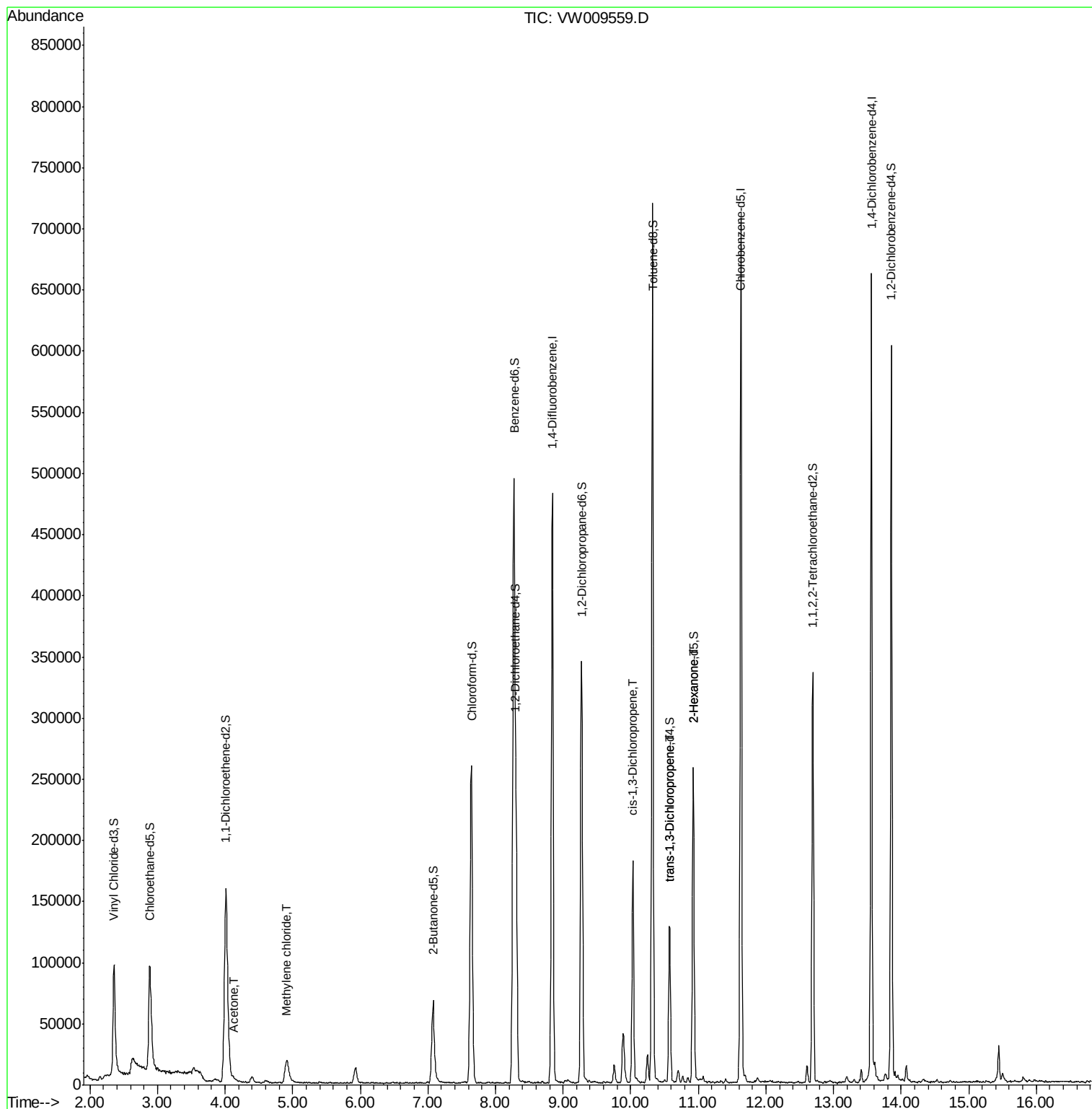
					Qvalue
13) Acetone	4.13	43	1140	0.762 ug/L	53
16) Methylene chloride	4.91	84	16279	3.023 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	4987	0.599 ug/L #	56
45) trans-1,3-Dichloropropene	10.58	75	3693	0.510 ug/L #	46
49) 2-Hexanone	10.93	43	12111	3.711 ug/L #	72

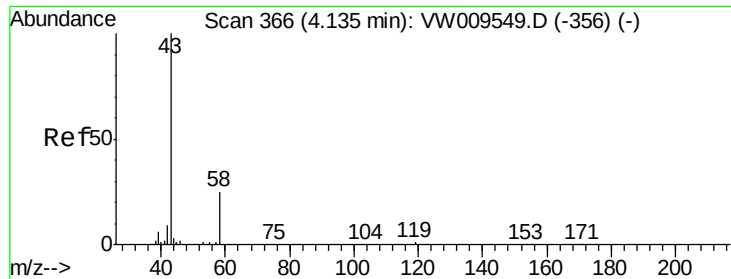
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.762 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

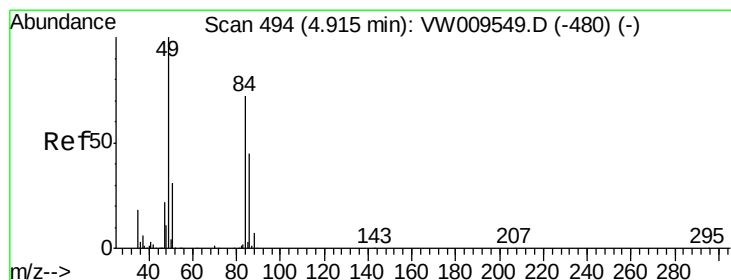
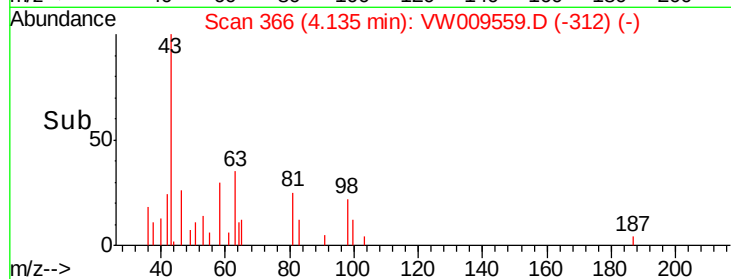
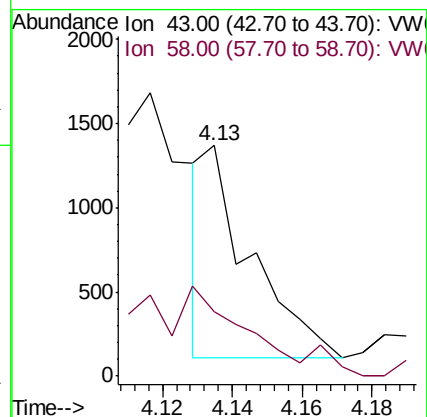
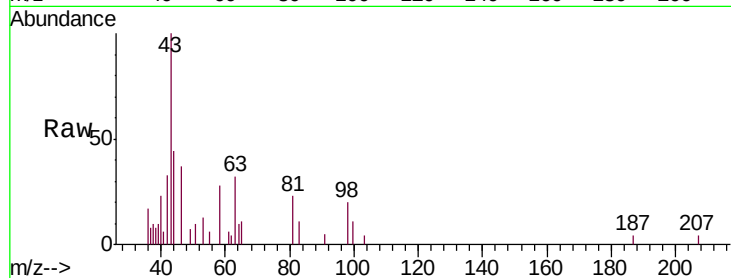
VHBLK01

Tgt Ion: 43 Resp: 1140

Ion Ratio Lower Upper

43 100

58 52.8 0.0 56.2



#16

Methylene chloride

Concen: 3.023 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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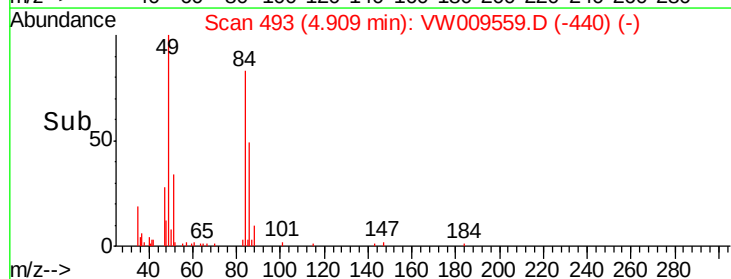
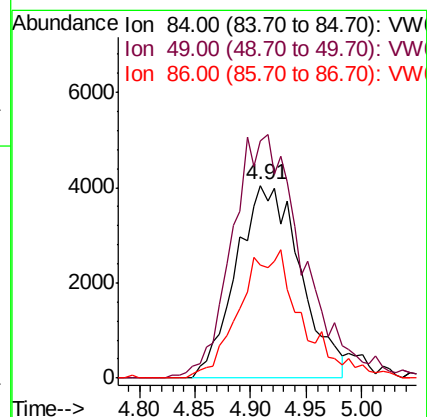
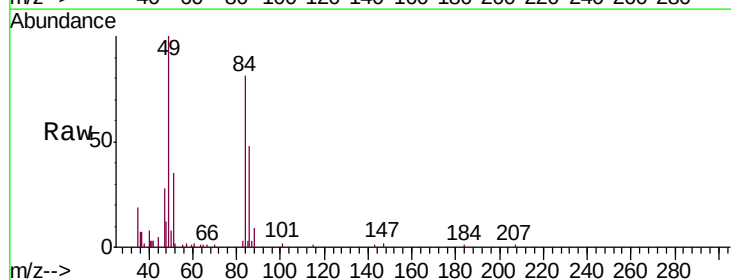
Tgt Ion: 84 Resp: 16279

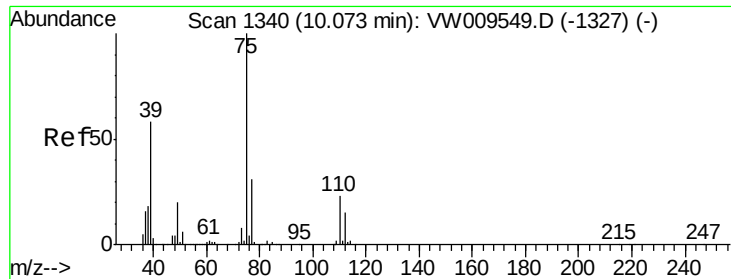
Ion Ratio Lower Upper

84 100

49 123.1 96.0 178.2

86 58.7 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.599 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 29 Mar 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

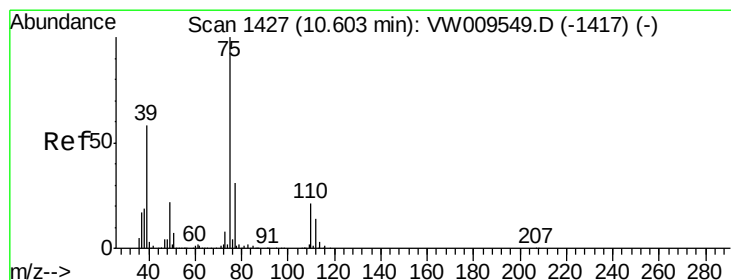
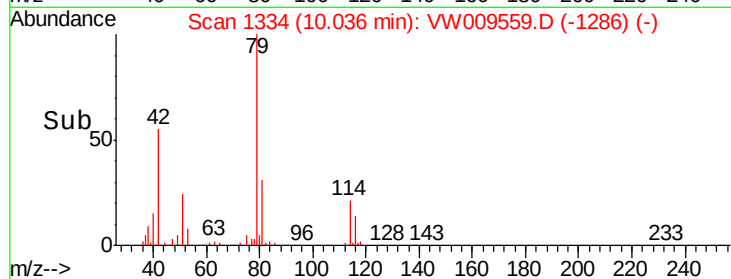
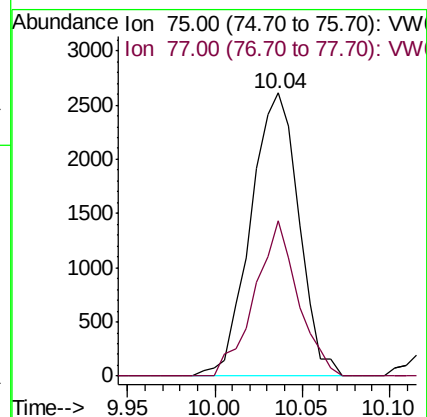
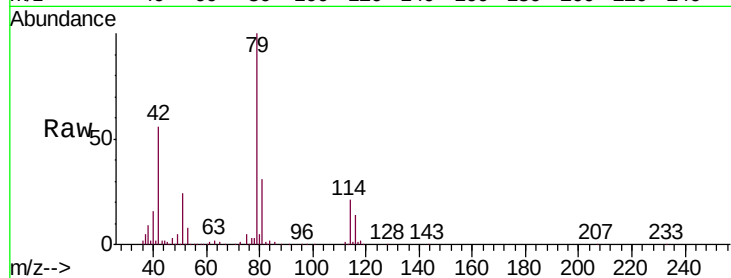
VHBLK01

Tgt Ion: 75 Resp: 4987

Ion Ratio Lower Upper

75 100

77 55.1 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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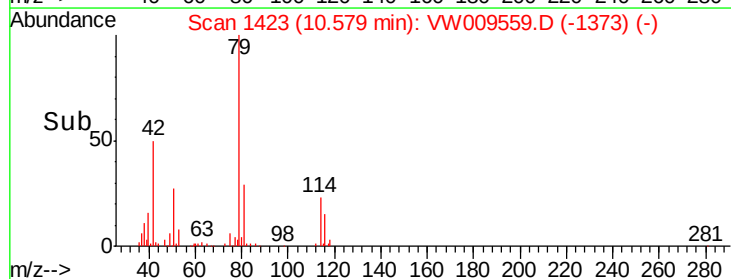
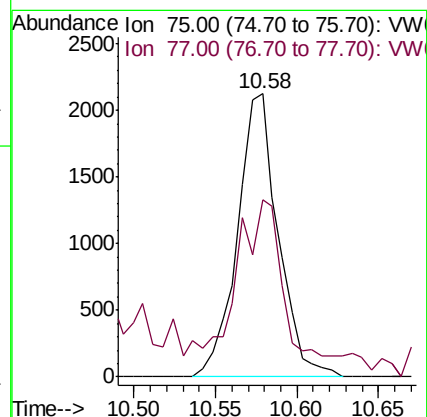
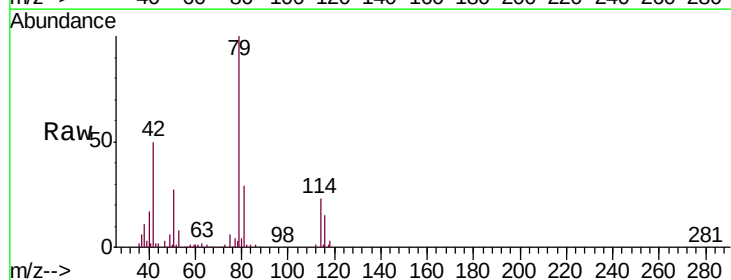
Acq: 29 Mar 2019 02:12

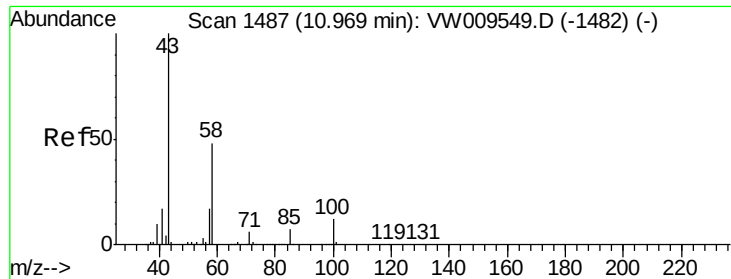
Tgt Ion: 75 Resp: 3693

Ion Ratio Lower Upper

75 100

77 62.5 22.5 41.7#





#49

2-Hexanone

Concen: 3.711 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

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Acq: 29 Mar 2019 02:12

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 12111

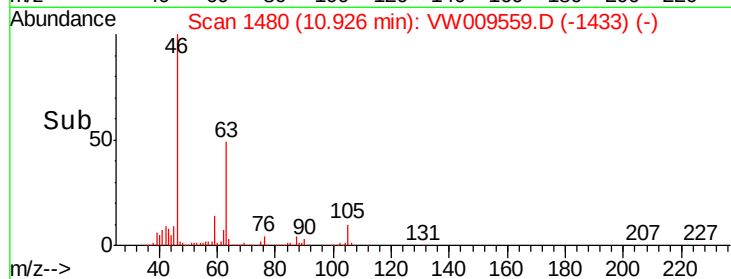
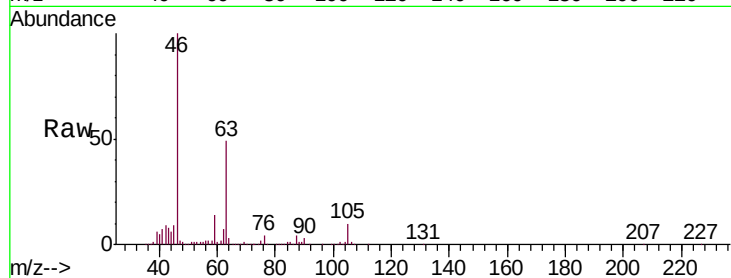
Ion Ratio Lower Upper

43 100

58 27.9 39.2 58.8#

57 27.9 14.2 21.2#

100 2.9 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

