

Data File : VW009184.D
Acq On : 14 Mar 2019 21:53
Operator : SY/VA
Sample : K1794-17
Misc : 3.32G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5P4RE

Quant Time: Mar 15 06:57:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:53:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343260	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	102911	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115544	28.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.68%
7) Chloroethane-d5	2.89	69	109853	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.56%
10) 1,1-Dichloroethene-d2	4.01	63	172415	19.45	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.80%
20) 2-Butanone-d5	7.07	46	70233	41.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.80%
24) Chloroform-d	7.65	84	223695	23.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	8.31	65	141610	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.27	84	436623	26.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.16%
33) 1,2-Dichloropropane-d6	9.27	67	131256	26.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.24%
37) Toluene-d8	10.32	98	372031	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.88%
38) trans-1,3-Dichloropropene-	10.58	79	51763	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.93	63	50453	41.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112865	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	93142	23.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.40%

Target Compounds

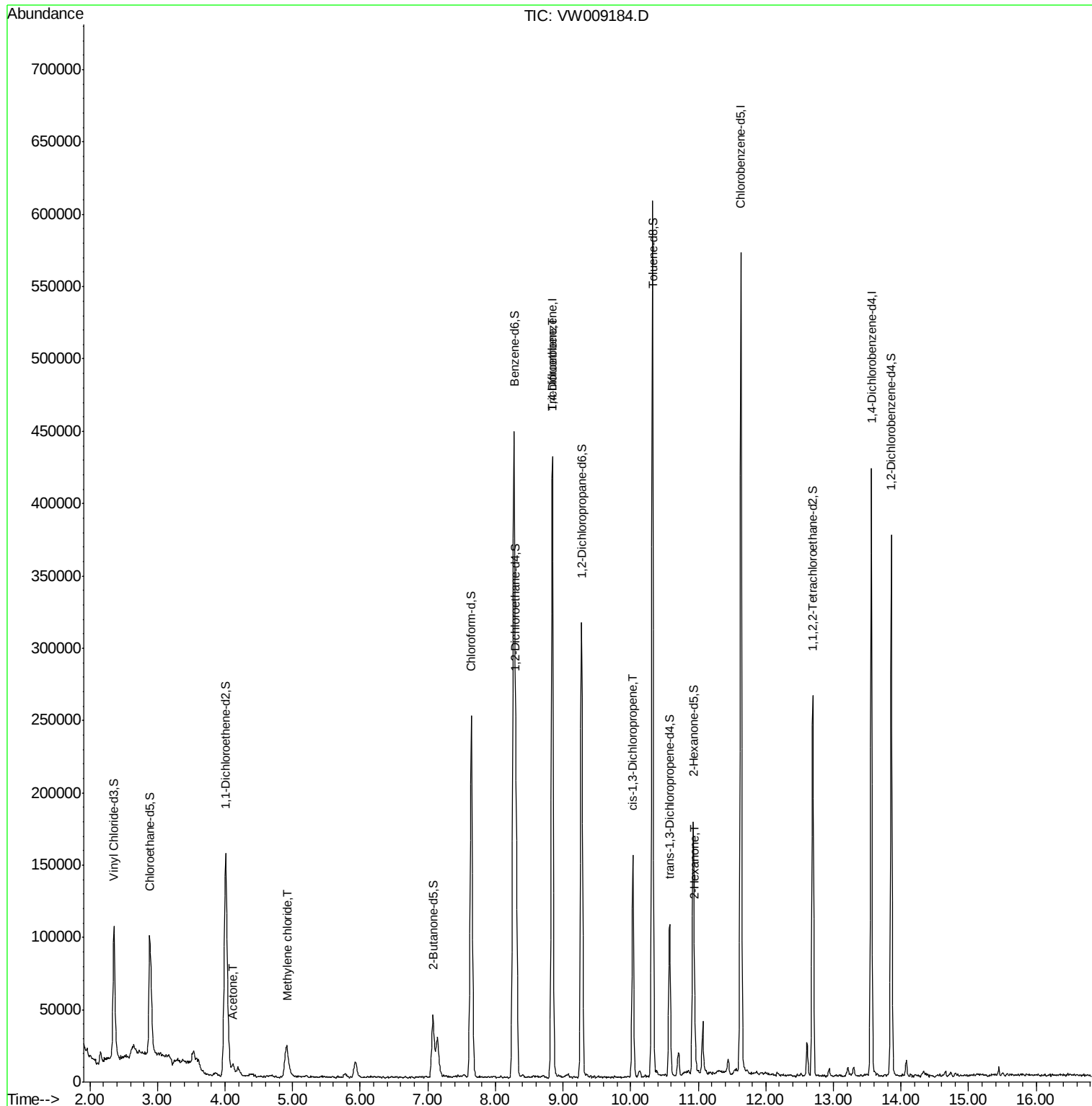
					Qvalue
13) Acetone	4.11	43	7116	5.115 ug/L	58
16) Methylene chloride	4.92	84	18330	3.662 ug/L	90
35) Trichloroethene	8.84	95	10880	2.477 ug/L #	5
42) cis-1,3-Dichloropropene	10.03	75	4340	0.630 ug/L	93
49) 2-Hexanone	10.94	43	12541	4.645 ug/L #	42

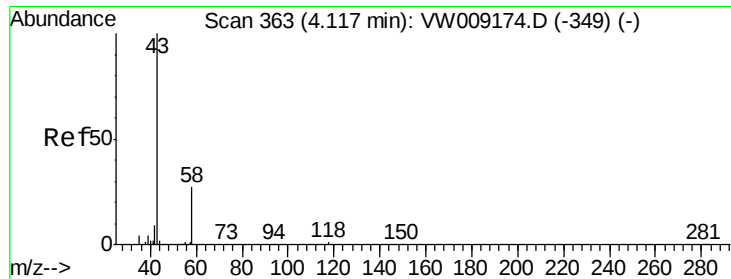
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.115 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

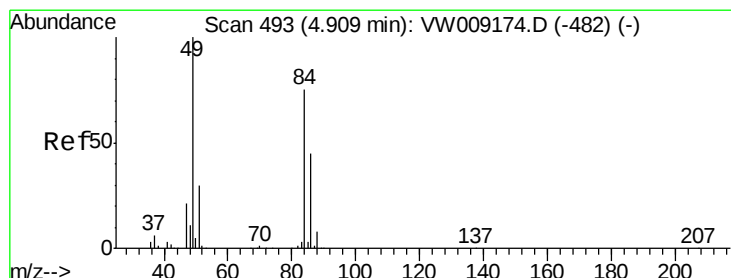
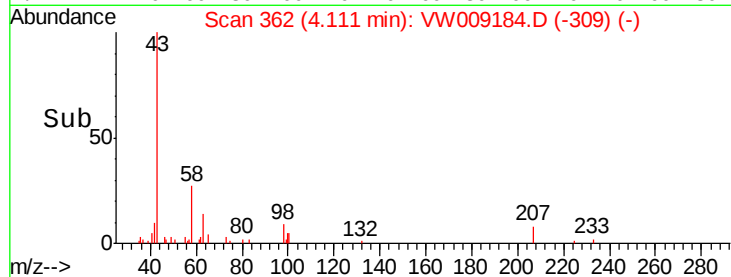
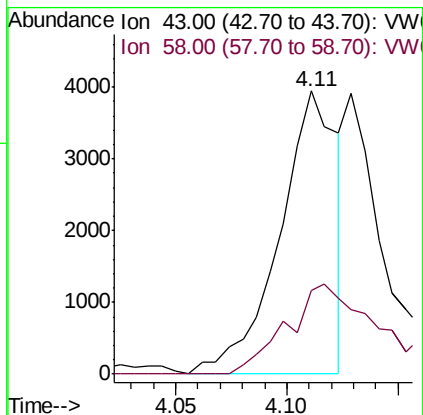
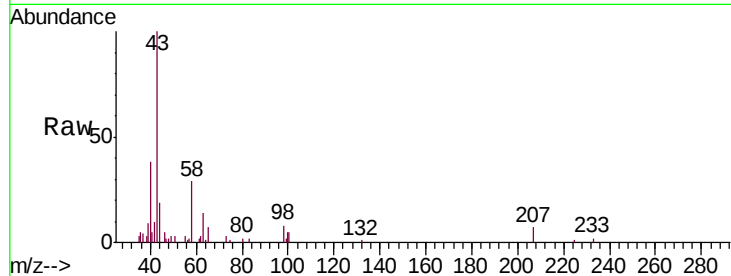
BF5P4RE

Tgt Ion: 43 Resp: 7116

Ion Ratio Lower Upper

43 100

58 50.4 0.0 56.2



#16

Methylene chloride

Concen: 3.662 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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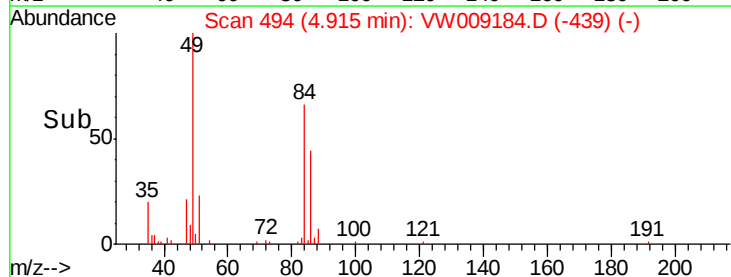
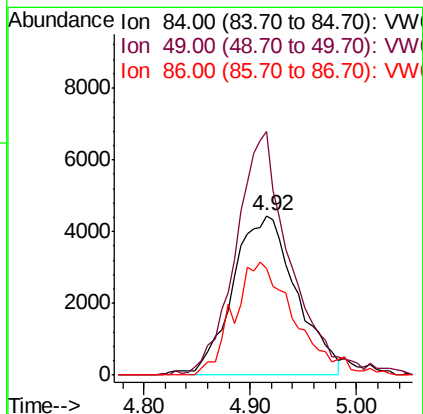
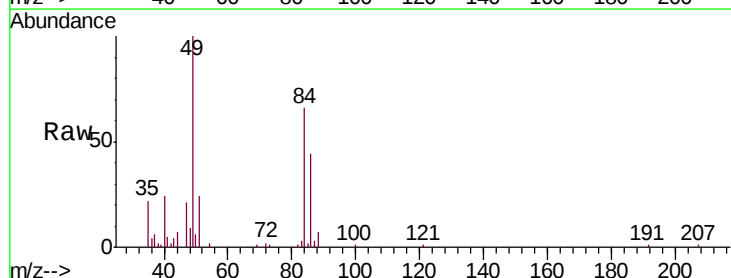
Tgt Ion: 84 Resp: 18330

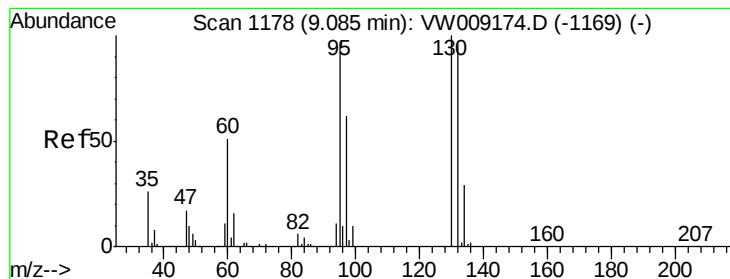
Ion Ratio Lower Upper

84 100

49 152.6 96.0 178.2

86 67.1 44.4 82.5





#35

Trichloroethene

Concen: 2.477 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Acq: 14 Mar 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

BF5P4RE

Tgt Ion: 95 Resp: 10880

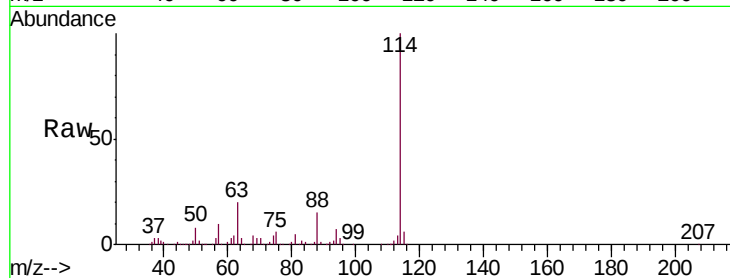
Ion Ratio Lower Upper

95 100

97 0.5 44.7 82.9#

132 0.7 69.0 128.2#

130 0.9 72.7 134.9#

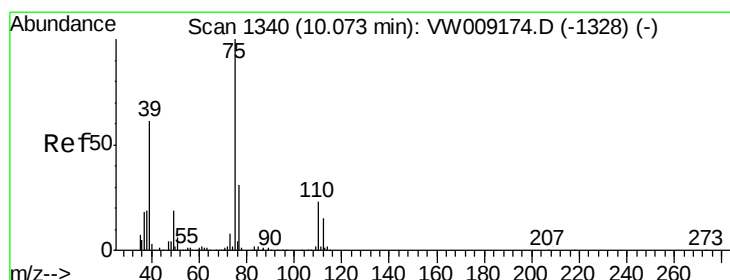
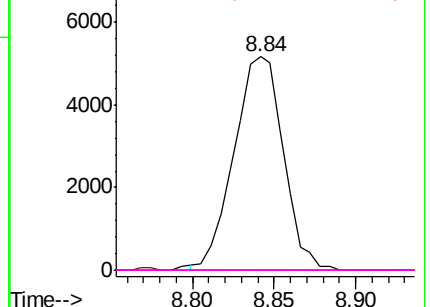
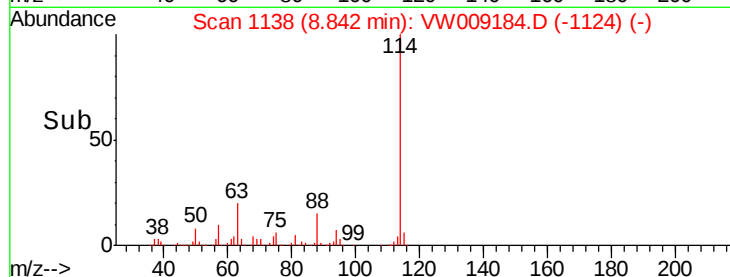


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.630 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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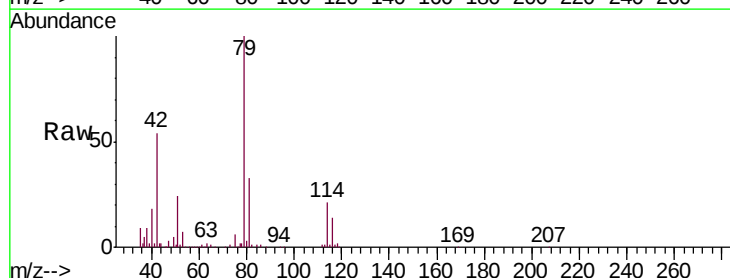
Acq: 14 Mar 2019 21:53

Tgt Ion: 75 Resp: 4340

Ion Ratio Lower Upper

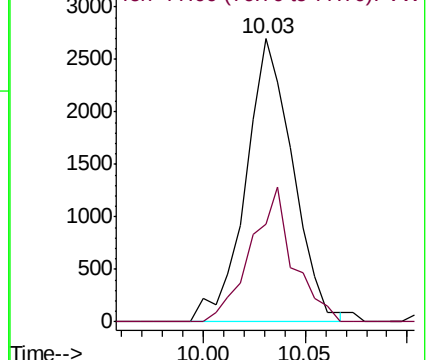
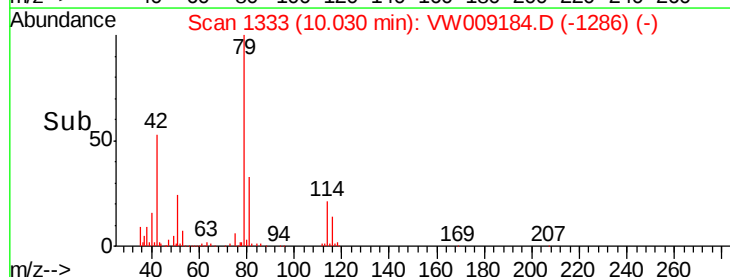
75 100

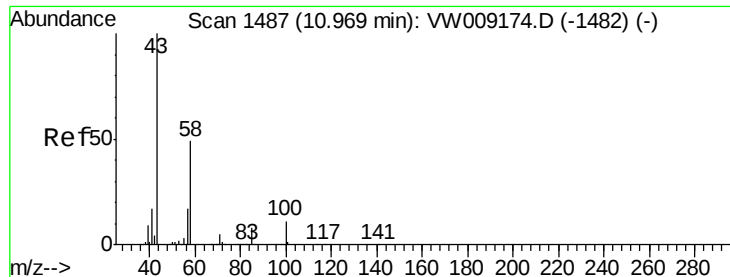
77 34.6 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 4.645 ug/L

RT: 10.94 min Scan# 1483

Delta R.T. -0.02 min

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Tgt Ion: 43 Resp: 12541

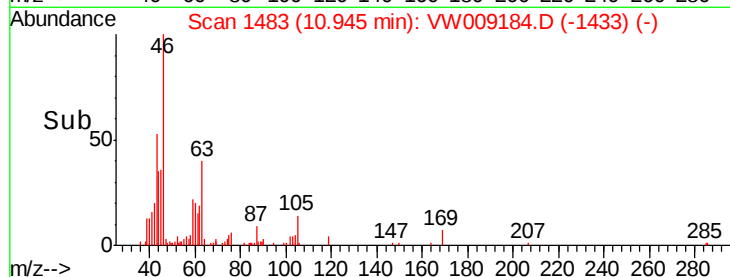
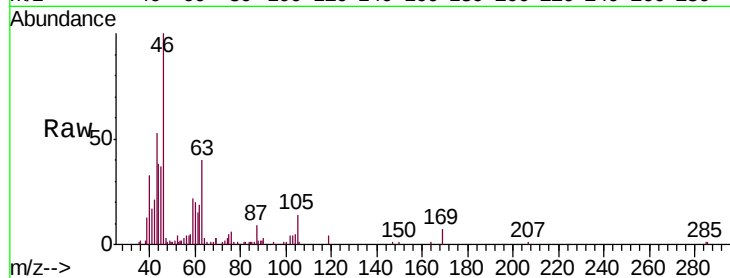
Ion Ratio Lower Upper

43 100

58 0.0 39.2 58.8#

57 0.0 14.2 21.2#

100 0.8 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

