

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005736.D
 Acq On : 01 Oct 2018 15:36
 Operator : SY/AP
 Sample : J5180-05
 Misc : 5.50G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:45:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	194807	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	87506	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40223	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.80%
7) Chloroethane-d5	2.90	69	35528	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.36%
10) 1,1-Dichloroethene-d2	4.01	63	73301	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	7.09	46	42615	53.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.90%
24) Chloroform-d	7.65	84	119375	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	8.31	65	76764	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.28	84	206318	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	9.28	67	65667	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.20%
37) Toluene-d8	10.33	98	182408	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.24%
38) trans-1,3-Dichloropropene-	10.58	79	31393	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	31620	49.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.92%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	68030	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	77622	25.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.28%

Target Compounds

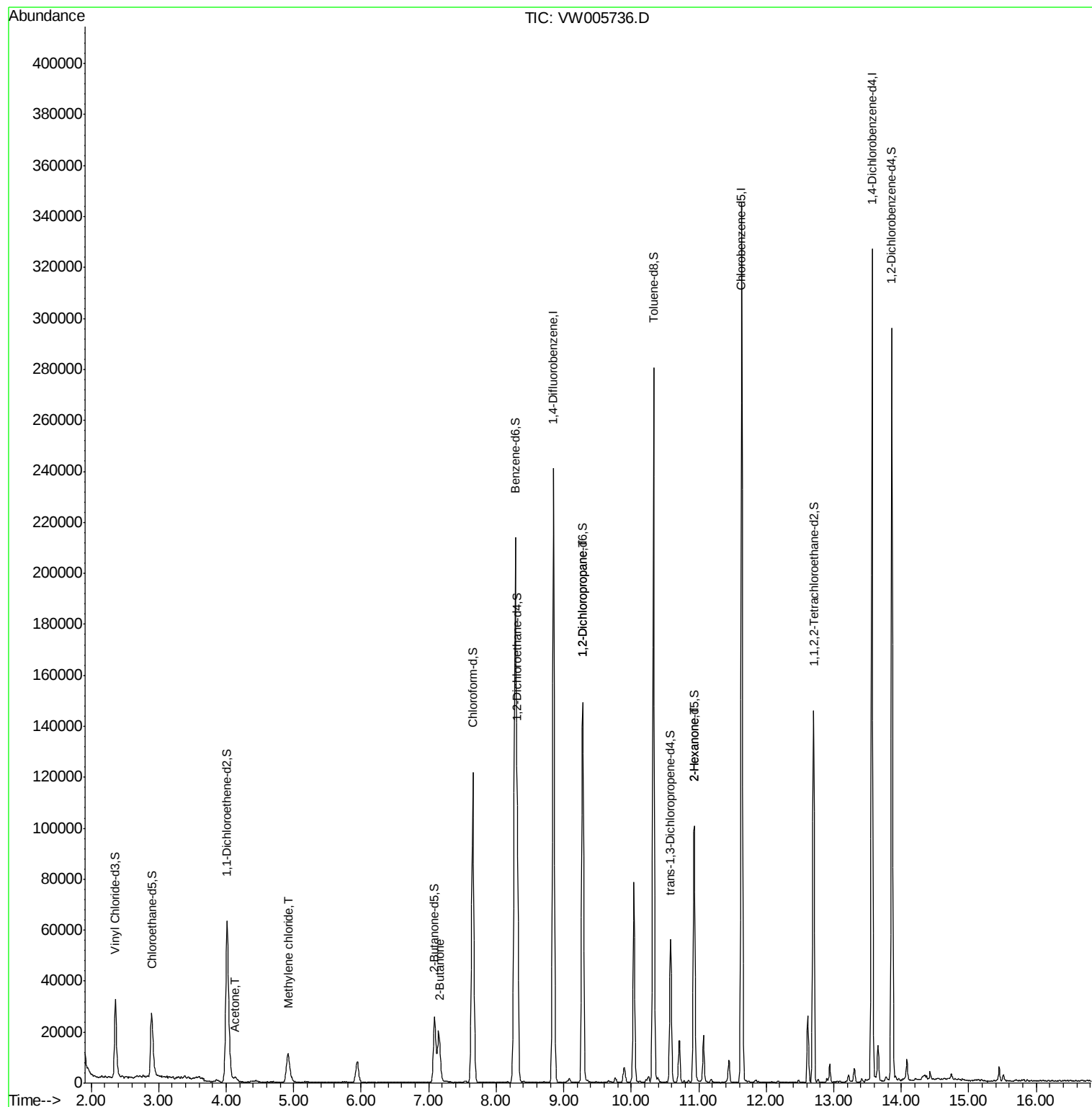
					Ovalue
13) Acetone	4.14	43	2771	3.338 ug/L	63
16) Methylene chloride	4.92	84	9141	2.846 ug/L	93
21) 2-Butanone	7.17	43	511	0.514 ug/L	86
40) 1,2-Dichloropropane	9.28	63	8319	3.166 ug/L #	87
49) 2-Hexanone	10.93	43	4754	3.159 ug/L #	66

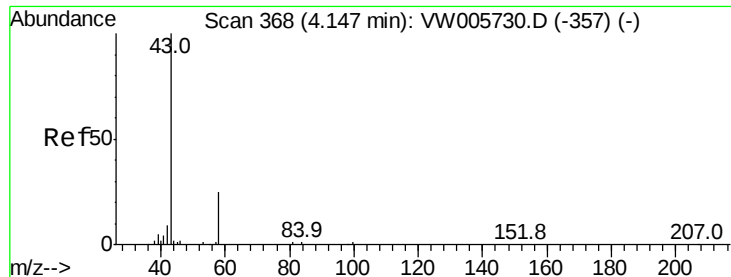
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.338 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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Acq: 01 Oct 2018 15:36

Instrument :

MSVOA_W

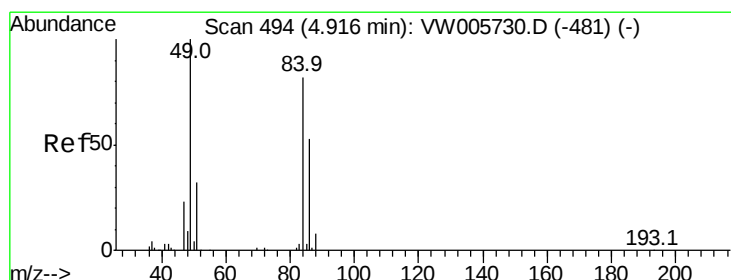
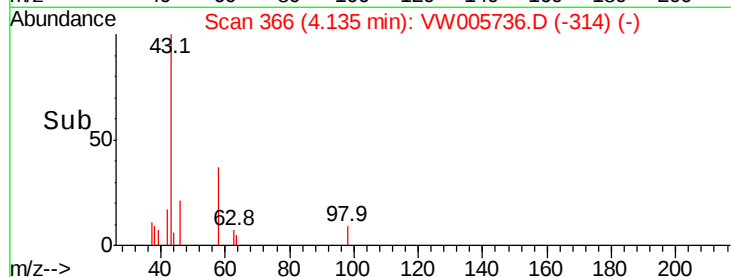
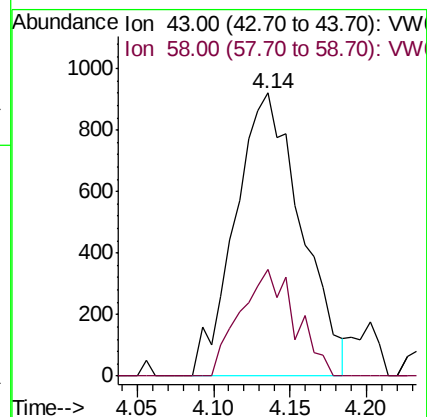
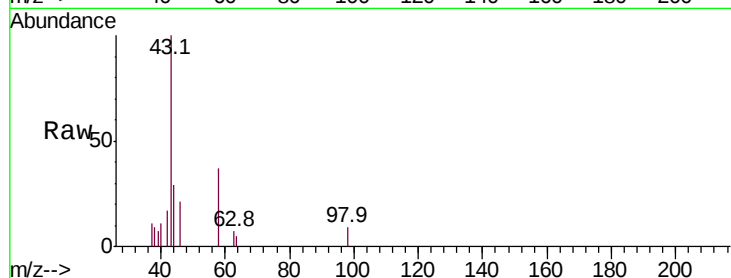
ClientSampleId :

Tot Ion: 43 Resp: 2771

Ion Ratio Lower Upper

43 100

58 31.4 0.0 31.8



#16

Methylene chloride

Concen: 2.846 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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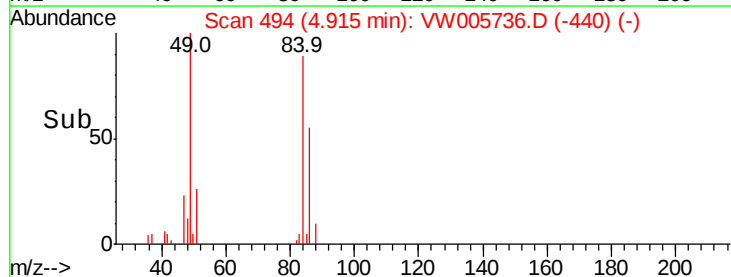
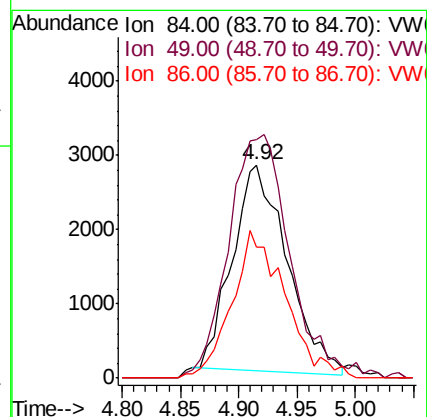
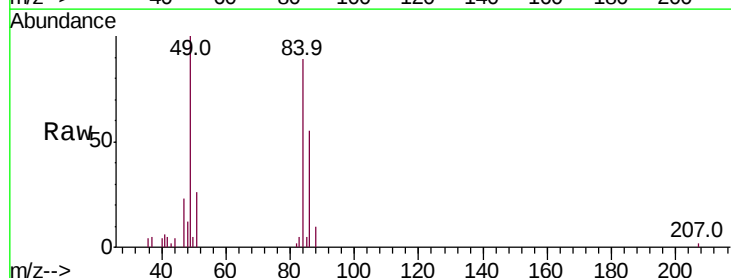
Tgt Ion: 84 Resp: 9141

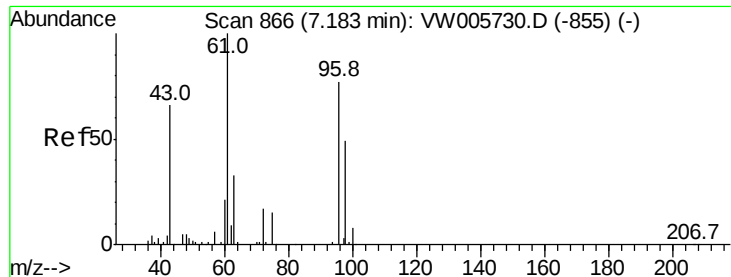
Ion Ratio Lower Upper

84 100

49 112.0 87.2 162.0

86 61.6 43.2 80.2





#21

2-Butanone

Concen: 0.514 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005736.D

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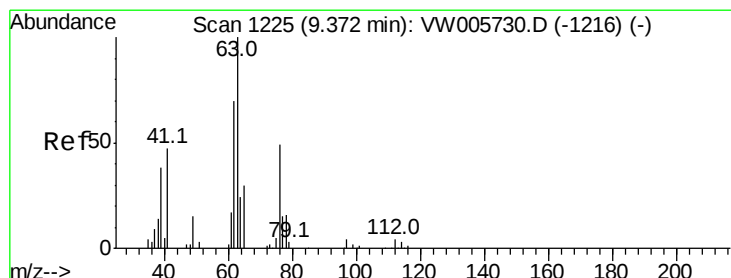
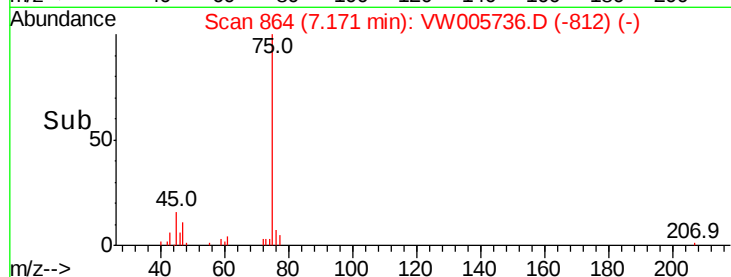
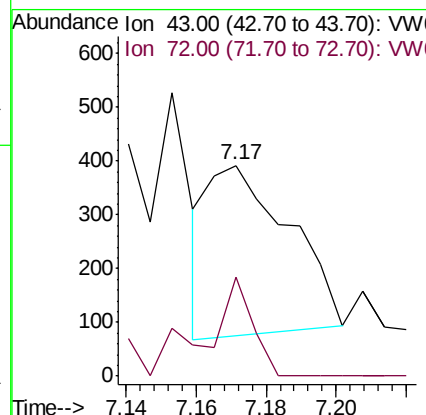
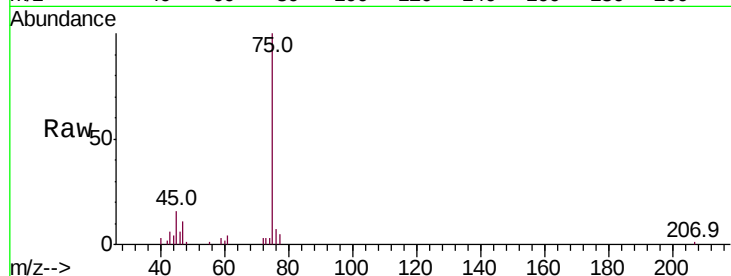
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 511

Ion Ratio Lower Upper

43 100

72 19.0 13.2 39.6



#40

1,2-Dichloropropane

Concen: 3.166 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005736.D

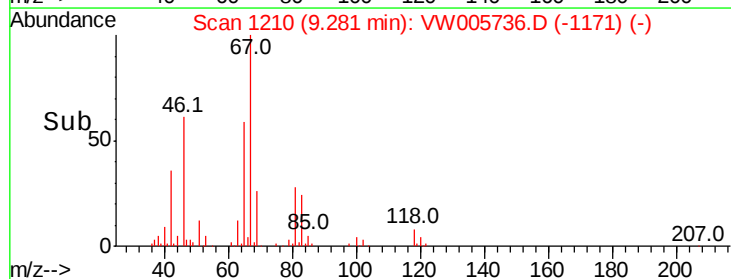
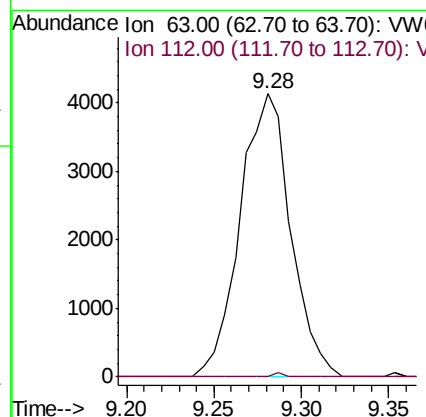
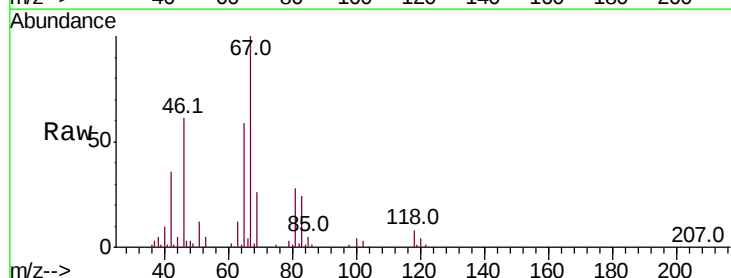
Acq: 01 Oct 2018 15:36

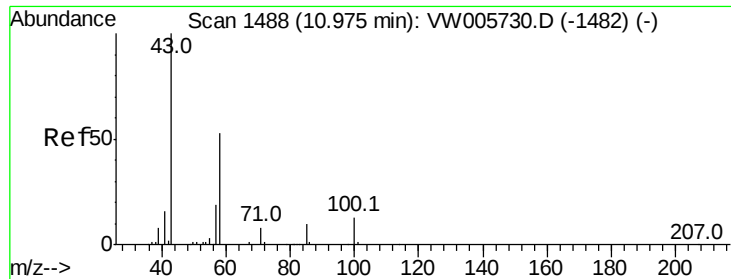
Tgt Ion: 63 Resp: 8319

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#49

2-Hexanone

Concen: 3.159 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.05 min

Lab File: VW005736.D

Acq: 01 Oct 2018 15:36

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 4754

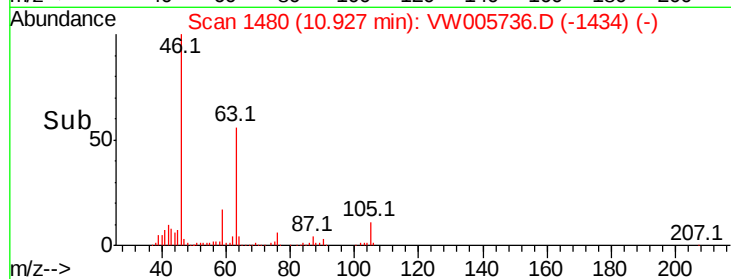
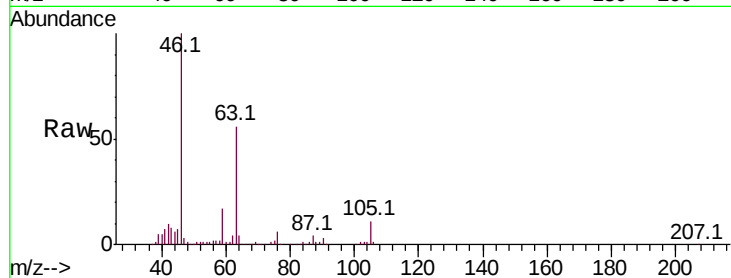
Ion Ratio Lower Upper

43 100

58 25.6 42.0 63.0#

57 32.1 15.7 23.5#

100 1.0 9.7 14.5#



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

