

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009796.D
 Acq On : 07 Apr 2019 03:31
 Operator : SY/VA
 Sample : K2217-18
 Misc : 4.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF608

Quant Time: Apr 07 05:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	416723	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392320	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144801	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	129249	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
7) Chloroethane-d5	2.89	69	128329	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.76%
10) 1,1-Dichloroethene-d2	4.01	63	235863	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.08	46	106243	60.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.02%
24) Chloroform-d	7.64	84	357540	31.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.76%
26) 1,2-Dichloroethane-d4	8.30	65	237737	34.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.20%#
29) Benzene-d6	8.27	84	658448	31.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.88%
33) 1,2-Dichloropropane-d6	9.27	67	213479	33.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.24%#
37) Toluene-d8	10.32	98	574129	30.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.60%
38) trans-1,3-Dichloropropene-	10.57	79	65420	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.24%
39) 2-Hexanone-d5	10.93	63	67606	56.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193458	32.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	173083	34.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	136.24%#

Target Compounds

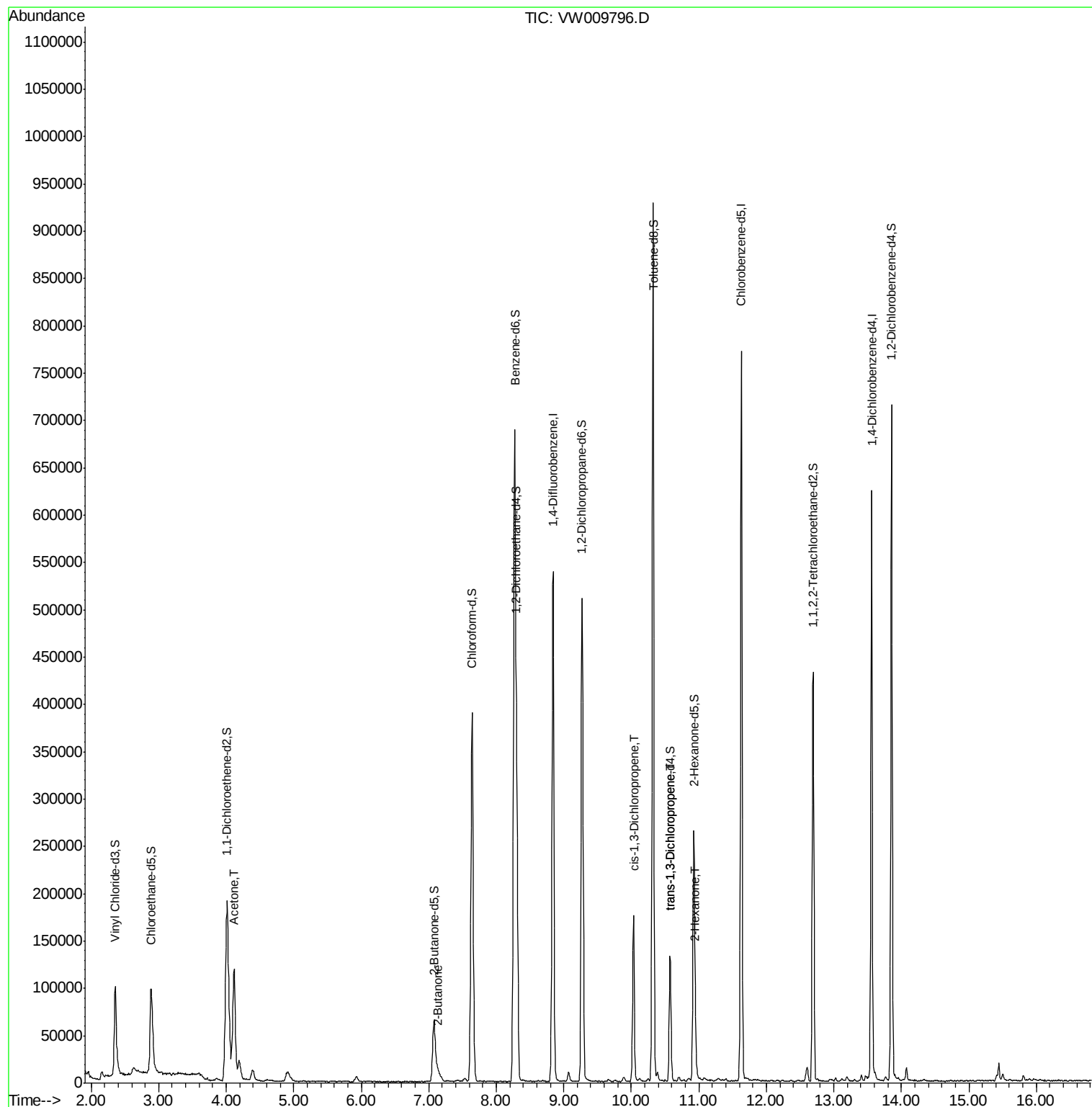
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	205072	108.100	ug/L	98
21) 2-Butanone	7.15	43	8446	3.501	ug/L #	68
42) cis-1,3-Dichloropropene	10.04	75	4938	0.528	ug/L #	73
45) trans-1,3-Dichloropropene	10.57	75	3865	0.479	ug/L	91
49) 2-Hexanone	10.95	43	11026	3.155	ug/L #	43

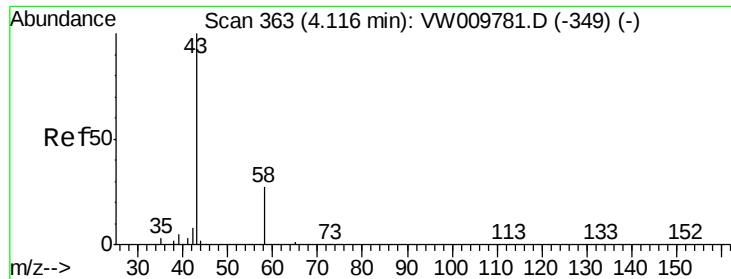
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 108.100 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 07 Apr 2019 03:31

Instrument :

MSVOA_W

ClientSampleId :

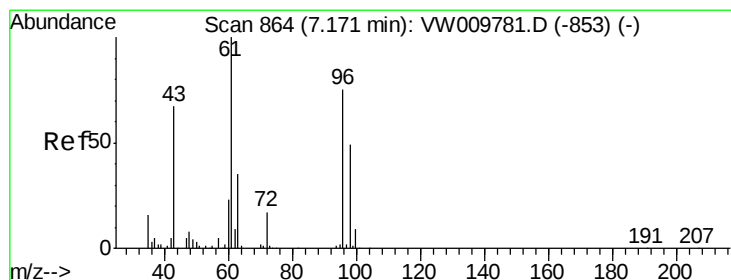
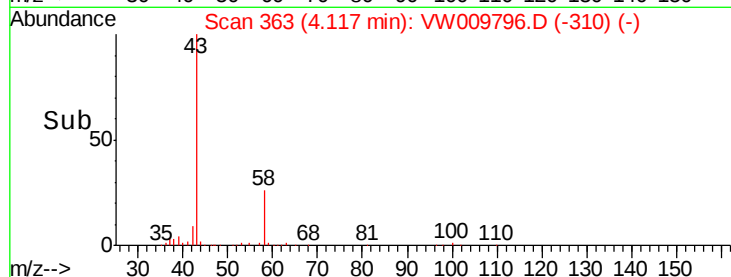
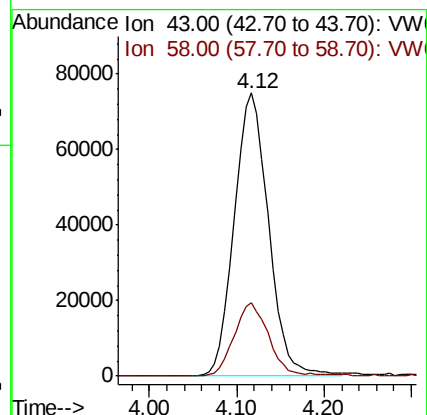
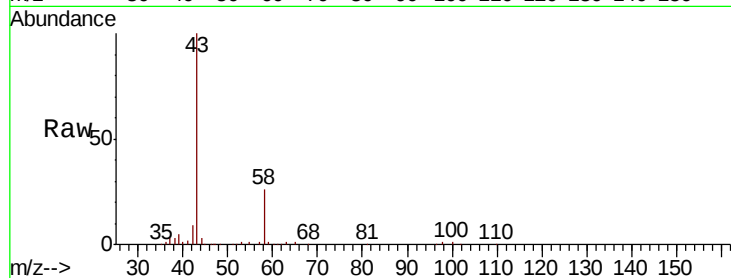
BF608

Tgt Ion: 43 Resp: 205072

Ion Ratio Lower Upper

43 100

58 25.7 0.0 53.0



#21

2-Butanone

Concen: 3.501 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009796.D

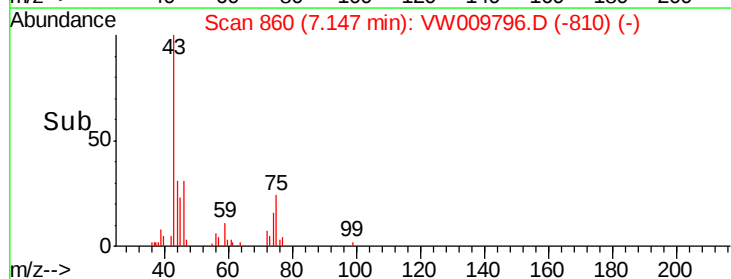
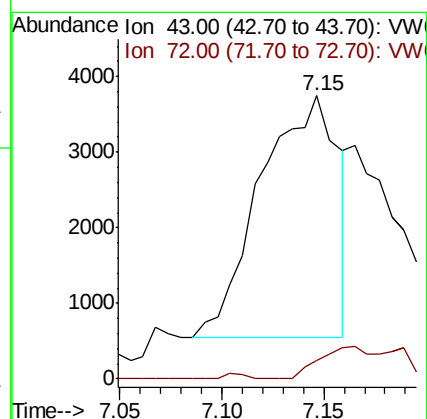
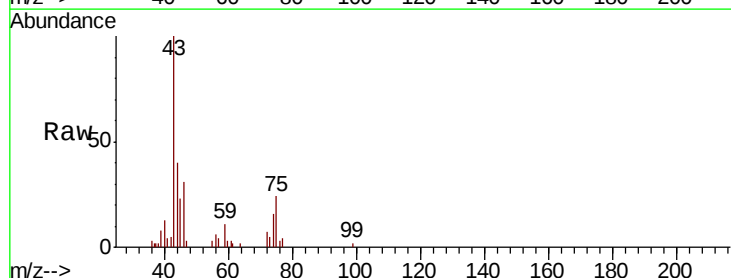
Acq: 07 Apr 2019 03:31

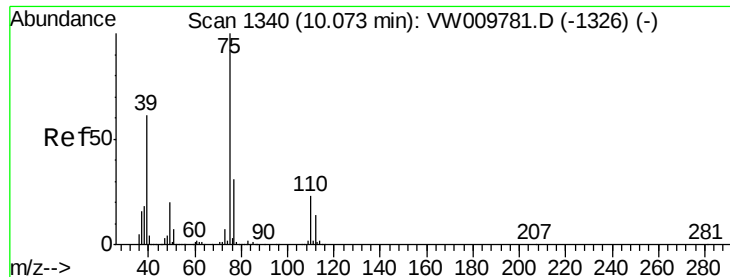
Tgt Ion: 43 Resp: 8446

Ion Ratio Lower Upper

43 100

72 8.3 12.0 36.1#





#42

cis-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009796.D

Acq: 07 Apr 2019 03:31

Instrument :

MSVOA_W

ClientSampled :

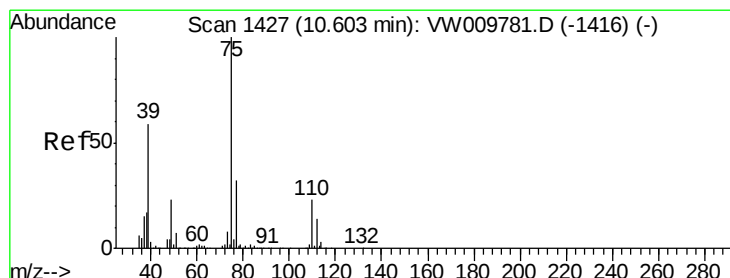
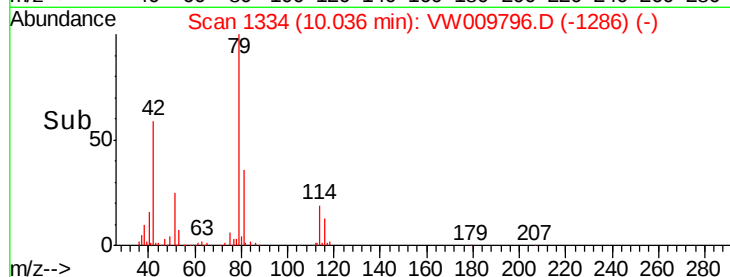
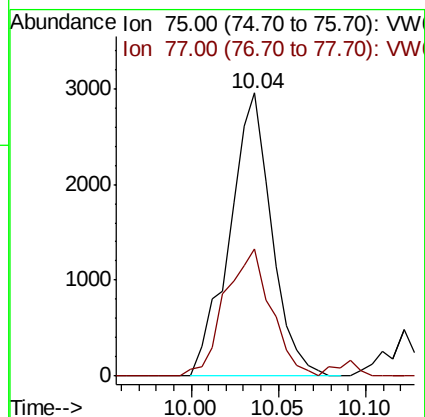
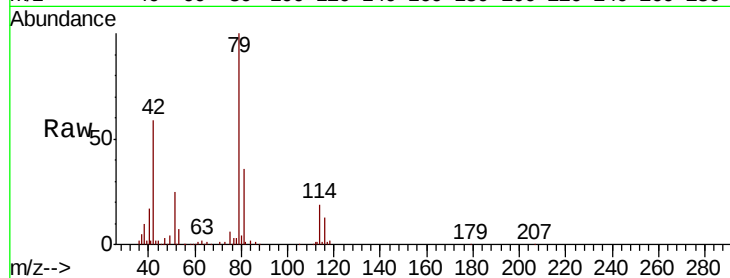
BF608

Tgt Ion: 75 Resp: 4938

Ion Ratio Lower Upper

75 100

77 44.9 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.479 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009796.D

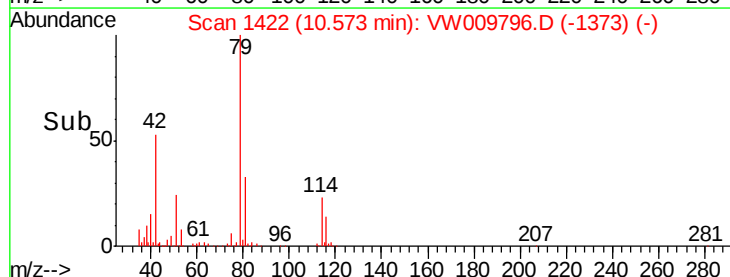
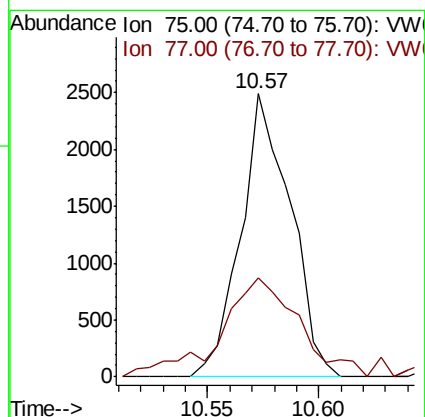
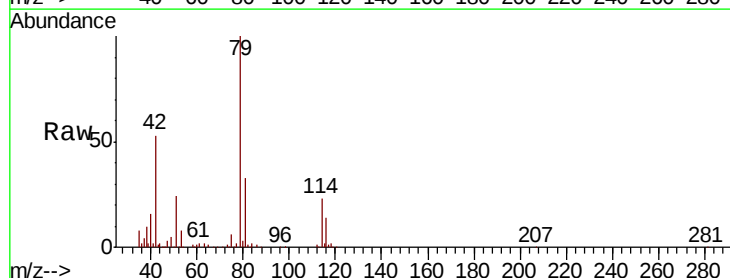
Acq: 07 Apr 2019 03:31

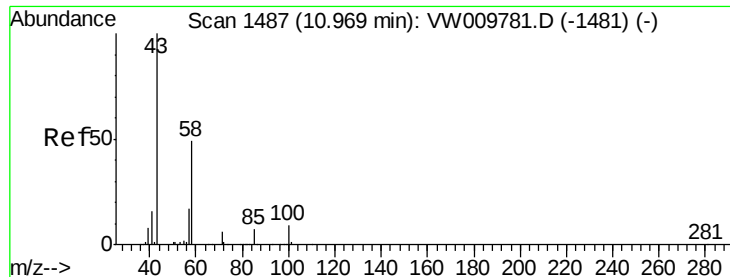
Tgt Ion: 75 Resp: 3865

Ion Ratio Lower Upper

75 100

77 35.0 21.1 39.3





#49

2-Hexanone

Concen: 3.155 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009796.D

Acq: 07 Apr 2019 03:31

Instrument :

MSVOA_W

ClientSampleId :

BF608

Tgt Ion: 43 Resp: 11026

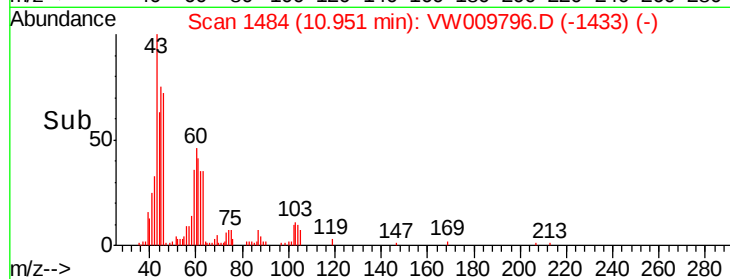
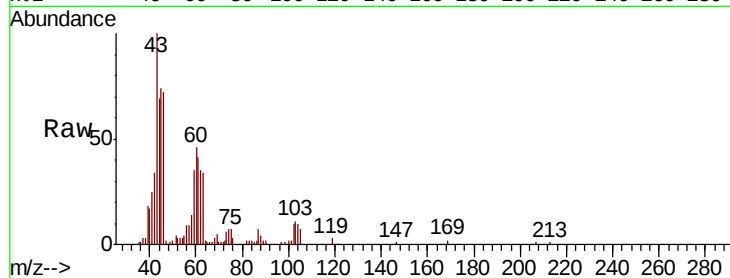
Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 0.0 13.8 20.6#

100 2.6 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

