

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
 Data File : VW009988.D
 Acq On : 15 Apr 2019 23:13
 Operator : SY/VA
 Sample : K2403-10
 Misc : 4.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5127

Quant Time: Apr 16 01:56:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	628968	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	628591	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	294448	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	156261	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.16%
7) Chloroethane-d5	2.89	69	142742	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
10) 1,1-Dichloroethene-d2	4.01	63	304263	18.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.84%
20) 2-Butanone-d5	7.07	46	219104	68.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.28%#
24) Chloroform-d	7.65	84	437829	24.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	8.31	65	301613	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.27	84	807618	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	9.27	67	269246	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.32	98	714200	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.64%
38) trans-1,3-Dichloropropene-	10.58	79	122428	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	179236	73.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	301969	29.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	277108	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

Target Compounds

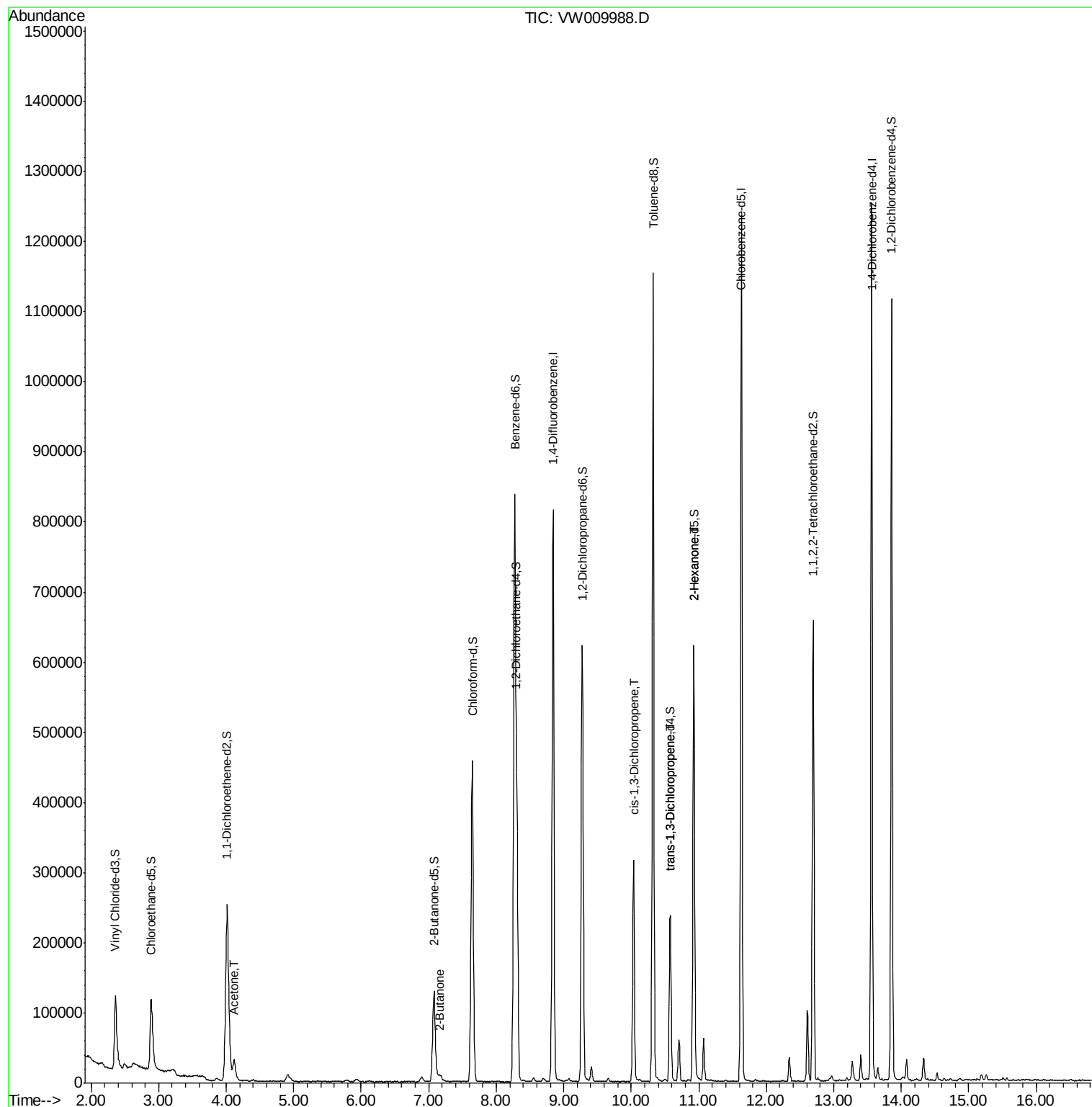
					Qvalue
13) Acetone	4.12	43	48479	16.956 ug/L	79
21) 2-Butanone	7.17	43	10639	2.842 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	8528	0.565 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	6670	0.500 ug/L	88
49) 2-Hexanone	10.93	43	28035	4.893 ug/L #	74

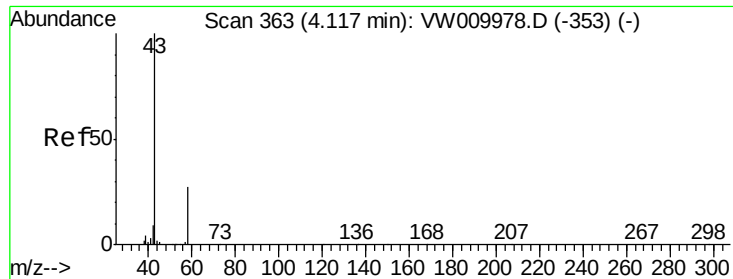
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 16 01:53:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.956 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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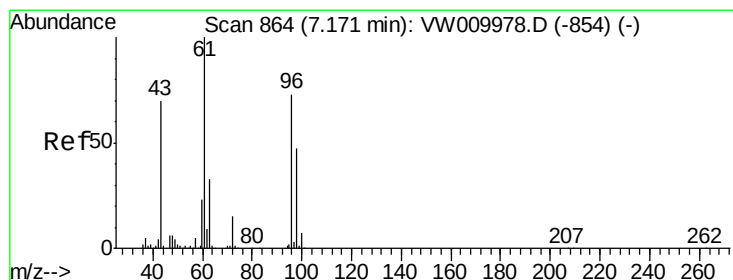
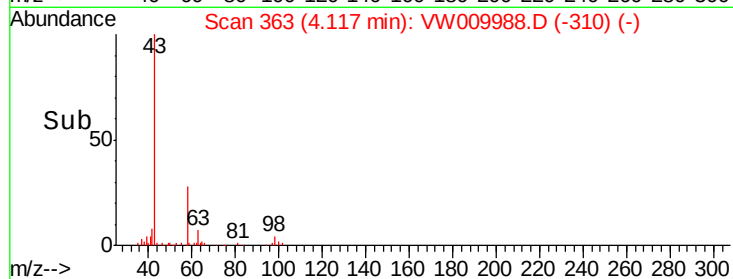
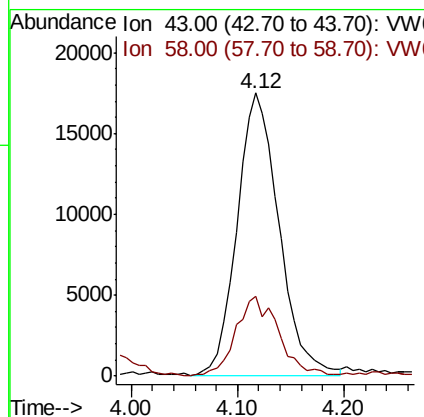
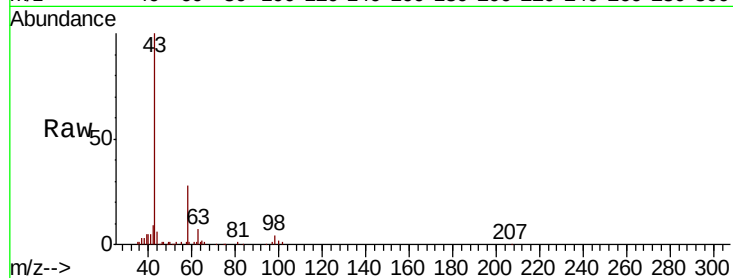
A5127

Tgt Ion: 43 Resp: 48479

Ion Ratio Lower Upper

43 100

58 17.2 0.0 56.2



#21

2-Butanone

Concen: 2.842 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009988.D

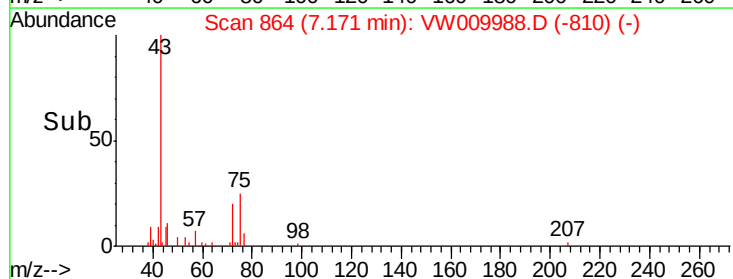
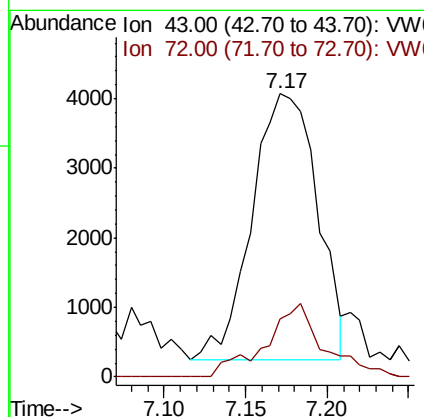
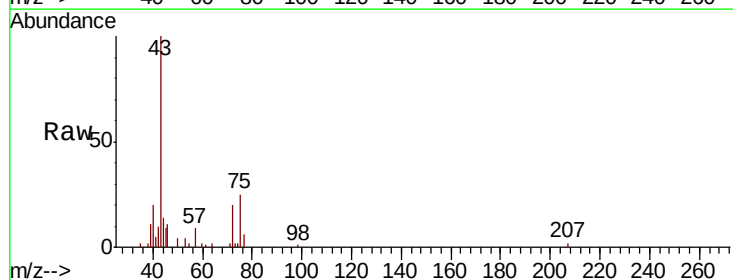
Acq: 15 Apr 2019 23:13

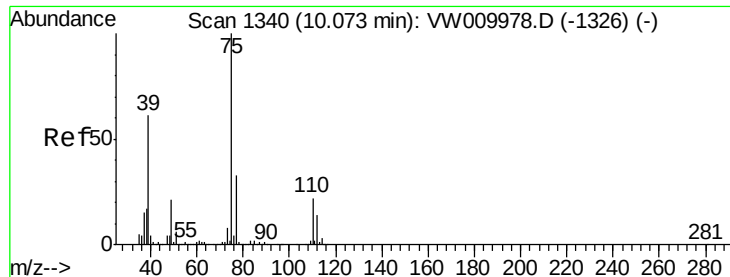
Tgt Ion: 43 Resp: 10639

Ion Ratio Lower Upper

43 100

72 21.2 11.9 35.7





#42

cis-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

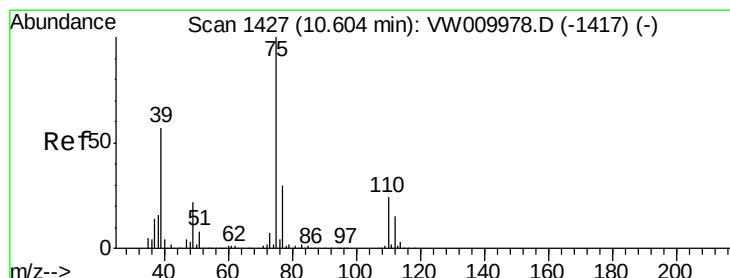
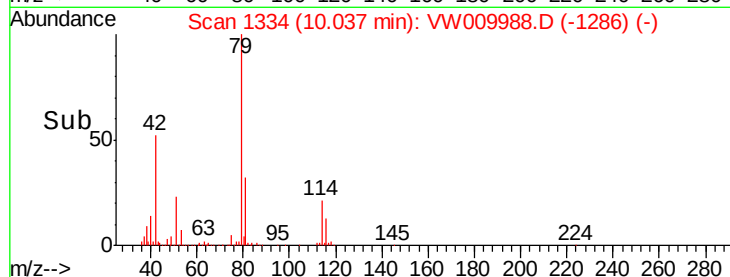
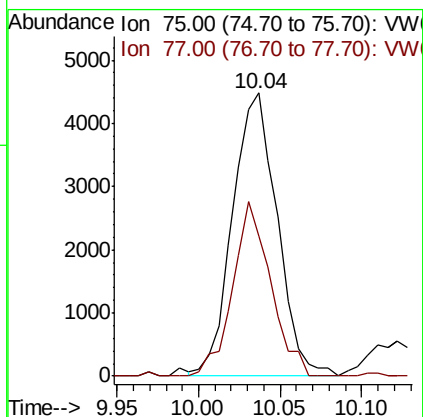
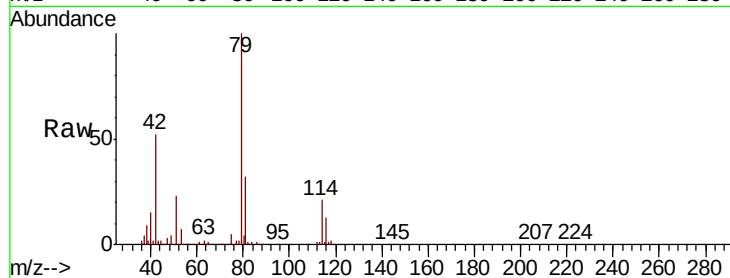
A5127

Tgt Ion: 75 Resp: 8528

Ion Ratio Lower Upper

75 100

77 49.4 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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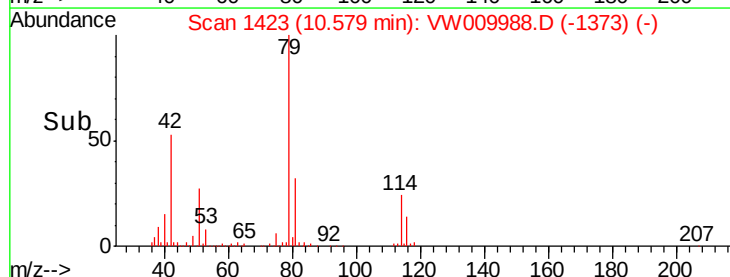
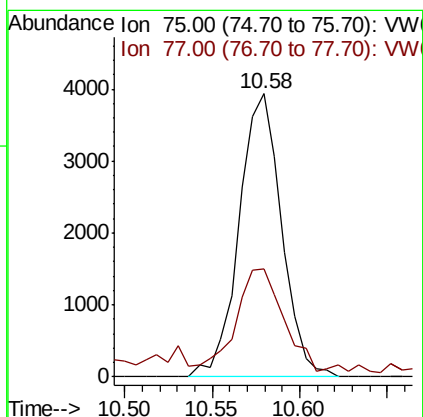
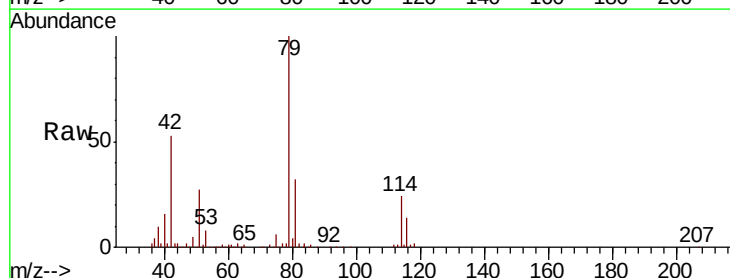
Acq: 15 Apr 2019 23:13

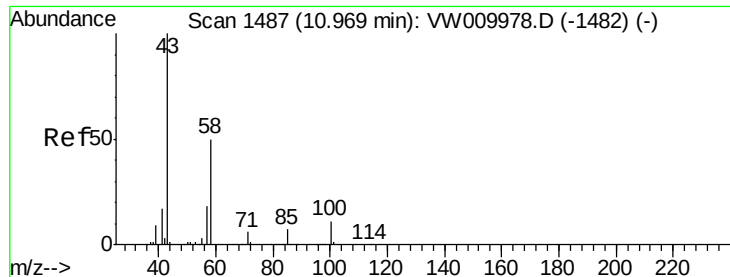
Tgt Ion: 75 Resp: 6670

Ion Ratio Lower Upper

75 100

77 38.4 22.0 41.0





#49

2-Hexanone

Concen: 4.893 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009988.D

Acq: 15 Apr 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

A5127

Tgt Ion: 43 Resp: 28035

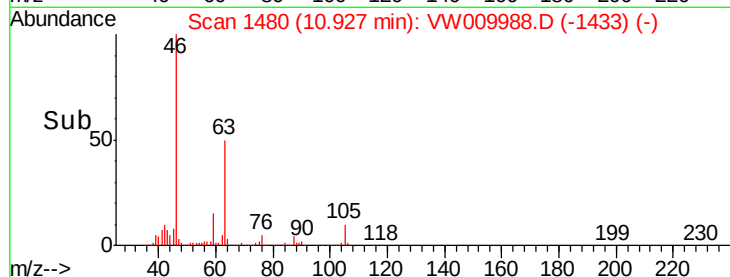
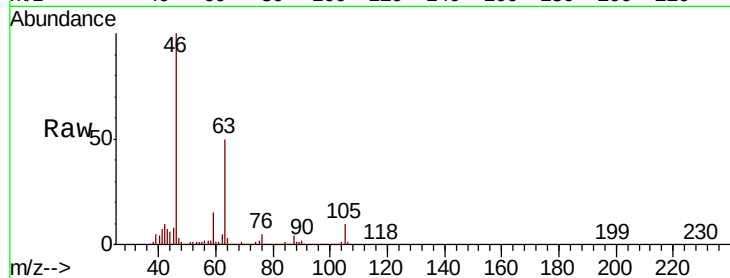
Ion Ratio Lower Upper

43 100

58 30.7 39.8 59.8#

57 27.2 14.1 21.1#

100 2.2 8.4 12.6#



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

