

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009767.D
 Acq On : 06 Apr 2019 12:45
 Operator : SY/VA
 Sample : K2259-10
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ30

Quant Time: Apr 07 04:00:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	402980	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	394713	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159153	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81199	15.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.60%
7) Chloroethane-d5	2.89	69	92574	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.64%
10) 1,1-Dichloroethene-d2	4.01	63	163678	14.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.72%
20) 2-Butanone-d5	7.08	46	62710	36.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.26%
24) Chloroform-d	7.64	84	284011	25.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.32%
26) 1,2-Dichloroethane-d4	8.30	65	183328	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.64%
29) Benzene-d6	8.27	84	494221	23.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.40%
33) 1,2-Dichloropropane-d6	9.27	67	166513	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.08%
37) Toluene-d8	10.32	98	436486	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.12%
38) trans-1,3-Dichloropropene-	10.57	79	61279	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.92	63	43269	35.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149492	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	147746	26.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.84%

Target Compounds

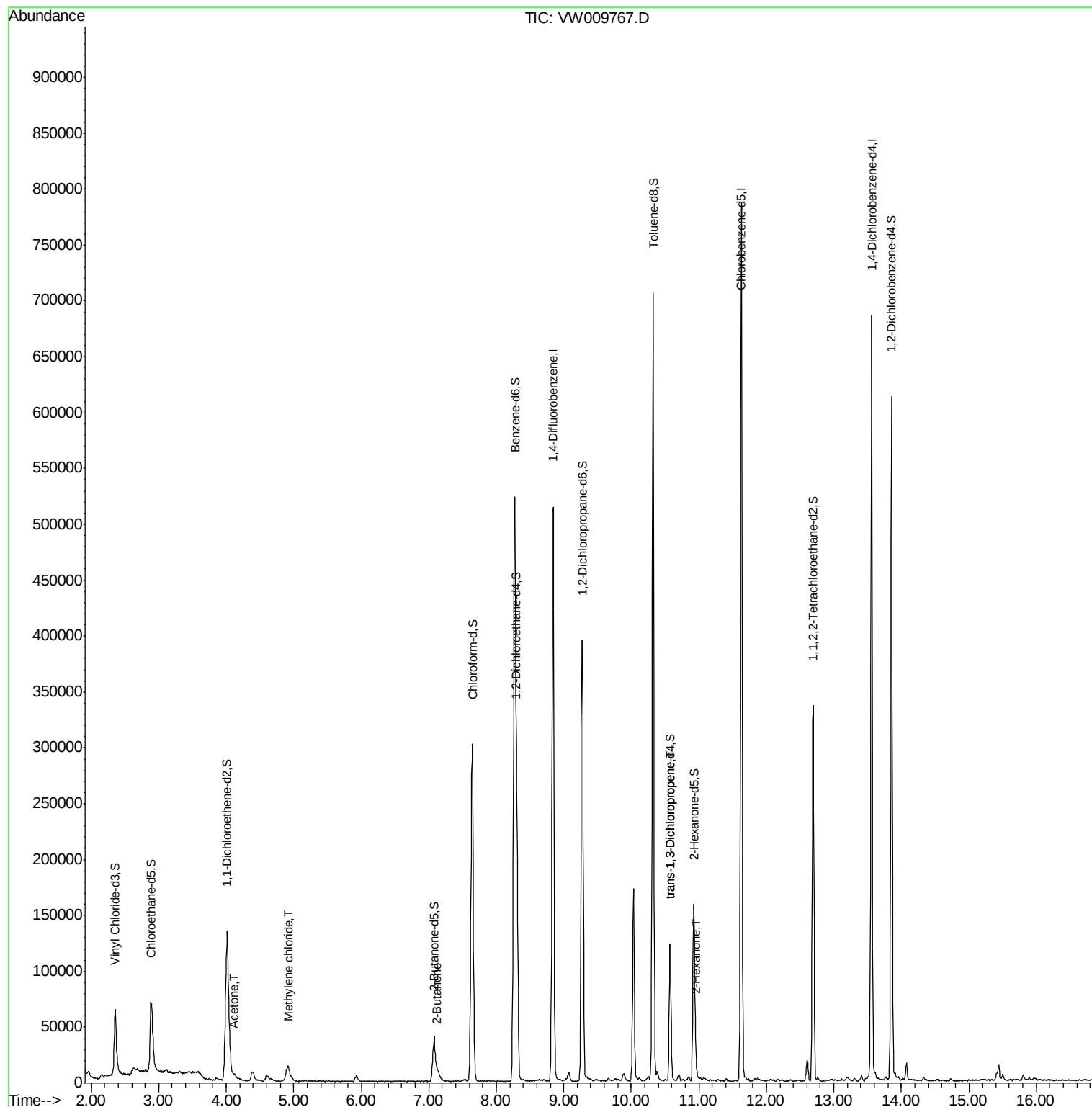
					Qvalue
13) Acetone	4.12	43	5694	3.104 ug/L	77
16) Methylene chloride	4.92	84	8247	1.160 ug/L	86
21) 2-Butanone	7.13	43	4403	1.887 ug/L #	56
45) trans-1,3-Dichloropropene	10.58	75	3507	0.432 ug/L	87
49) 2-Hexanone	10.96	43	19829	5.640 ug/L #	43

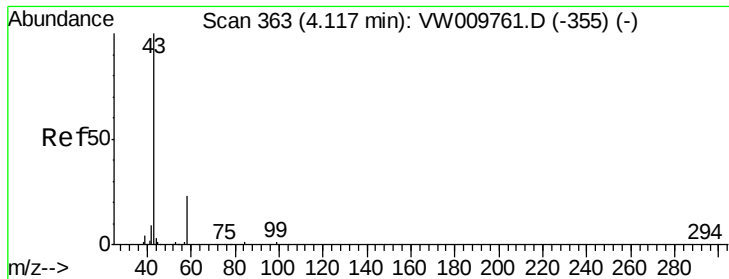
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.104 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009767.D

Acq: 06 Apr 2019 12:45

Instrument :

MSVOA_W

ClientSampled :

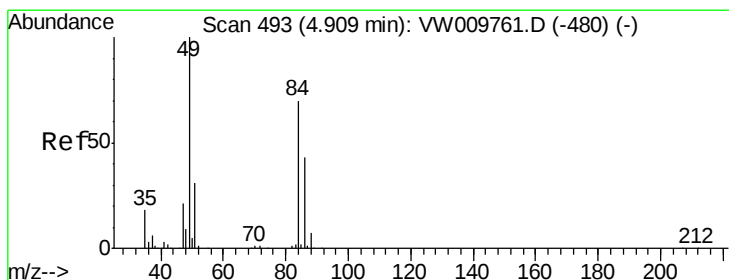
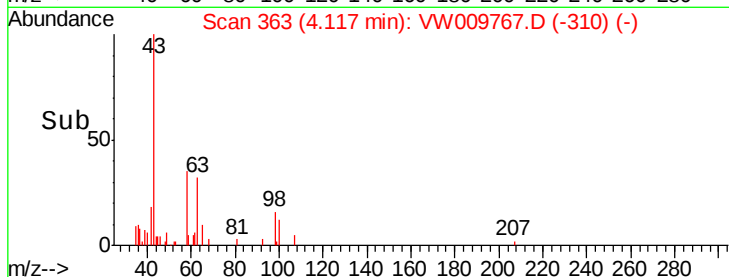
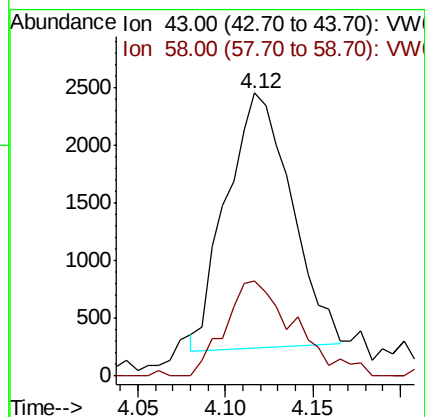
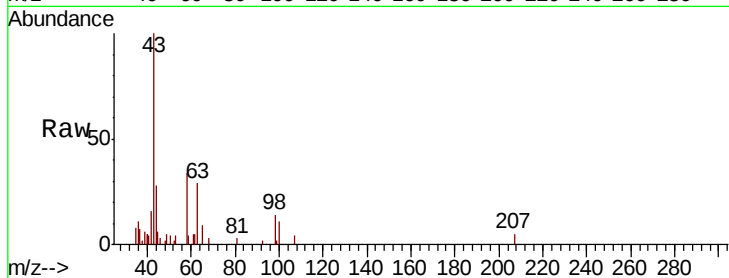
ETJ30

Tgt Ion: 43 Resp: 5694

Ion Ratio Lower Upper

43 100

58 38.1 0.0 53.0



#16

Methylene chloride

Concen: 1.160 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009767.D

Acq: 06 Apr 2019 12:45

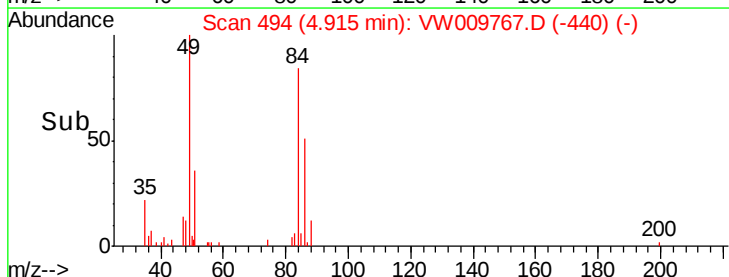
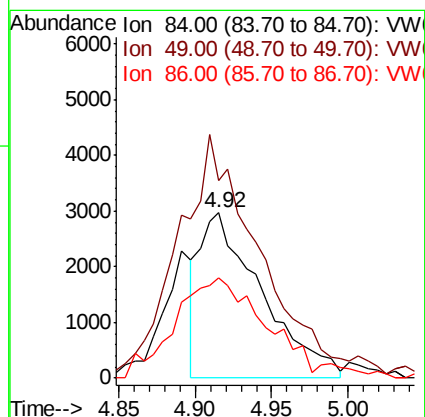
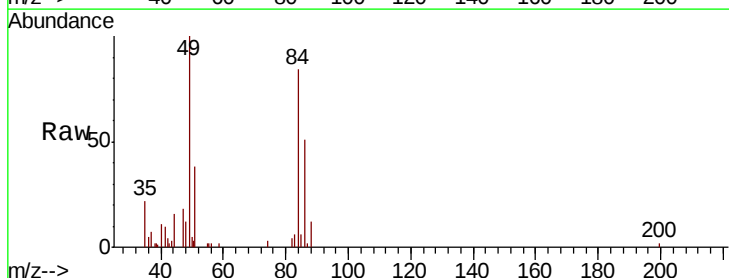
Tgt Ion: 84 Resp: 8247

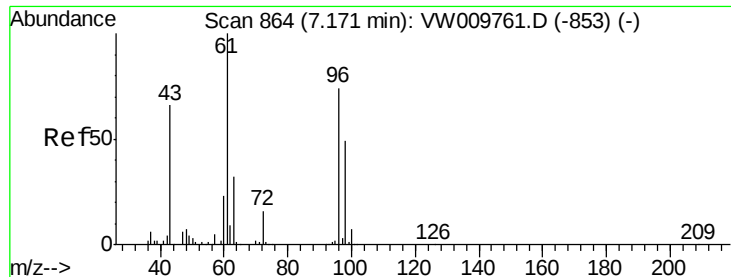
Ion Ratio Lower Upper

84 100

49 119.6 98.3 182.5

86 60.6 46.4 86.2





#21

2-Butanone

Concen: 1.887 ug/L

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW009767.D

Acq: 06 Apr 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

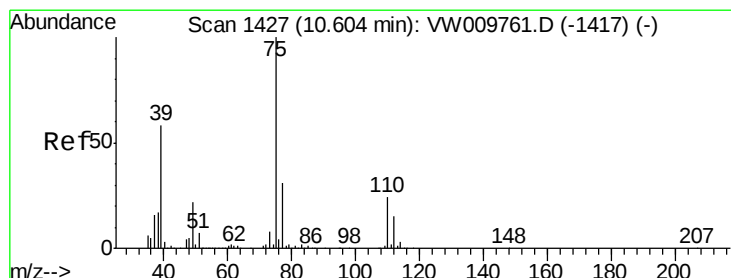
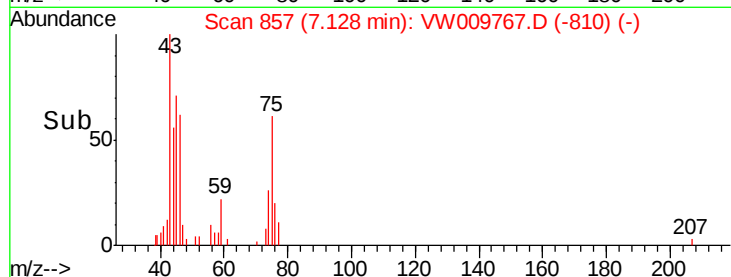
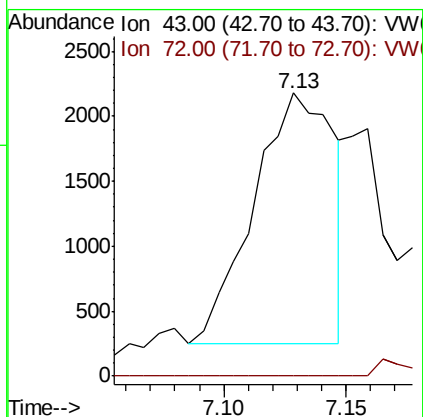
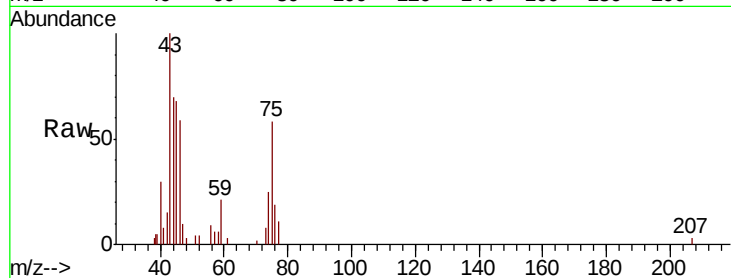
ETJ30

Tgt Ion: 43 Resp: 4403

Ion Ratio Lower Upper

43 100

72 2.4 12.0 36.1#



#45

trans-1,3-Dichloropropene

Concen: 0.432 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009767.D

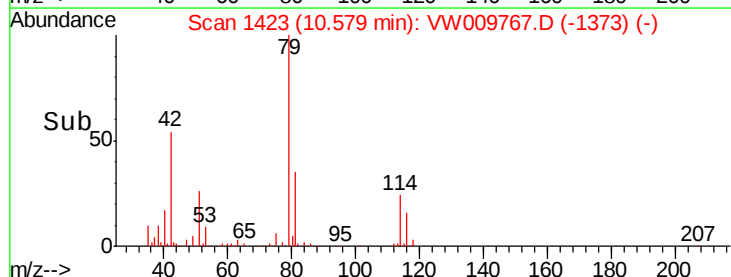
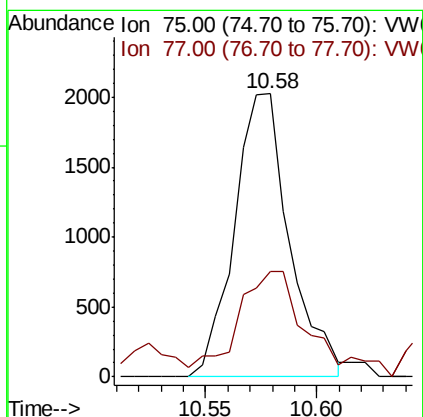
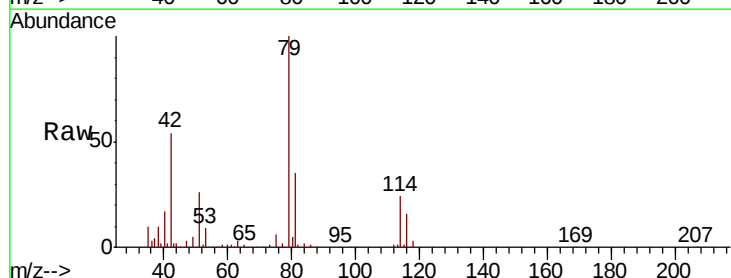
Acq: 06 Apr 2019 12:45

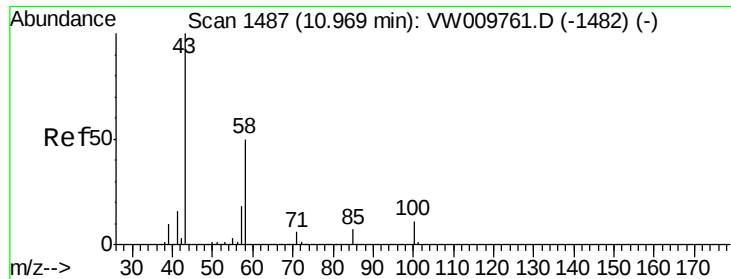
Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

75 100

77 37.4 21.1 39.3





#49

2-Hexanone

Concen: 5.640 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009767.D

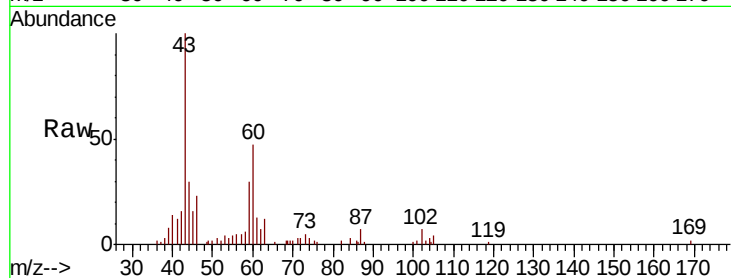
Acq: 06 Apr 2019 12:45

Instrument :

MSVOA_W

ClientSampleId :

ETJ30



Tgt Ion: 43 Resp: 19829

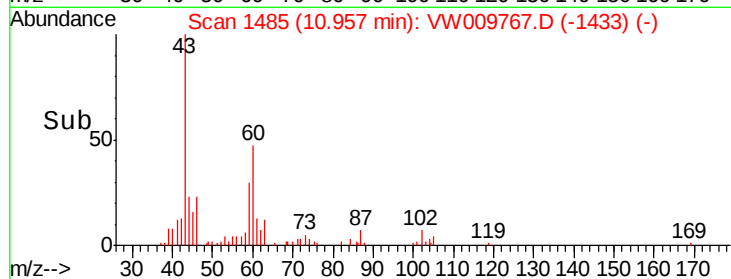
Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 1.8 13.8 20.6#

100 0.5 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

