

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015758.D
 Acq On : 29 Jun 2020 13:09
 Operator : SY/VA
 Sample : VW0629SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK10

Quant Time: Jun 30 03:05:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	314932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130695	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119245	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
7) Chloroethane-d5	2.90	69	95028	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.02	63	164275	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%
20) 2-Butanone-d5	7.08	46	58273	54.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.02%
24) Chloroform-d	7.65	84	198590	22.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.48%
26) 1,2-Dichloroethane-d4	8.41	65	116	0.02	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	406071	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	118071	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	10.32	98	376149	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.16%
38) trans-1,3-Dichloropropene-	10.58	79	51284	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.04%
39) 2-Hexanone-d5	10.93	63	43101	52.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93331	24.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	123013	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds

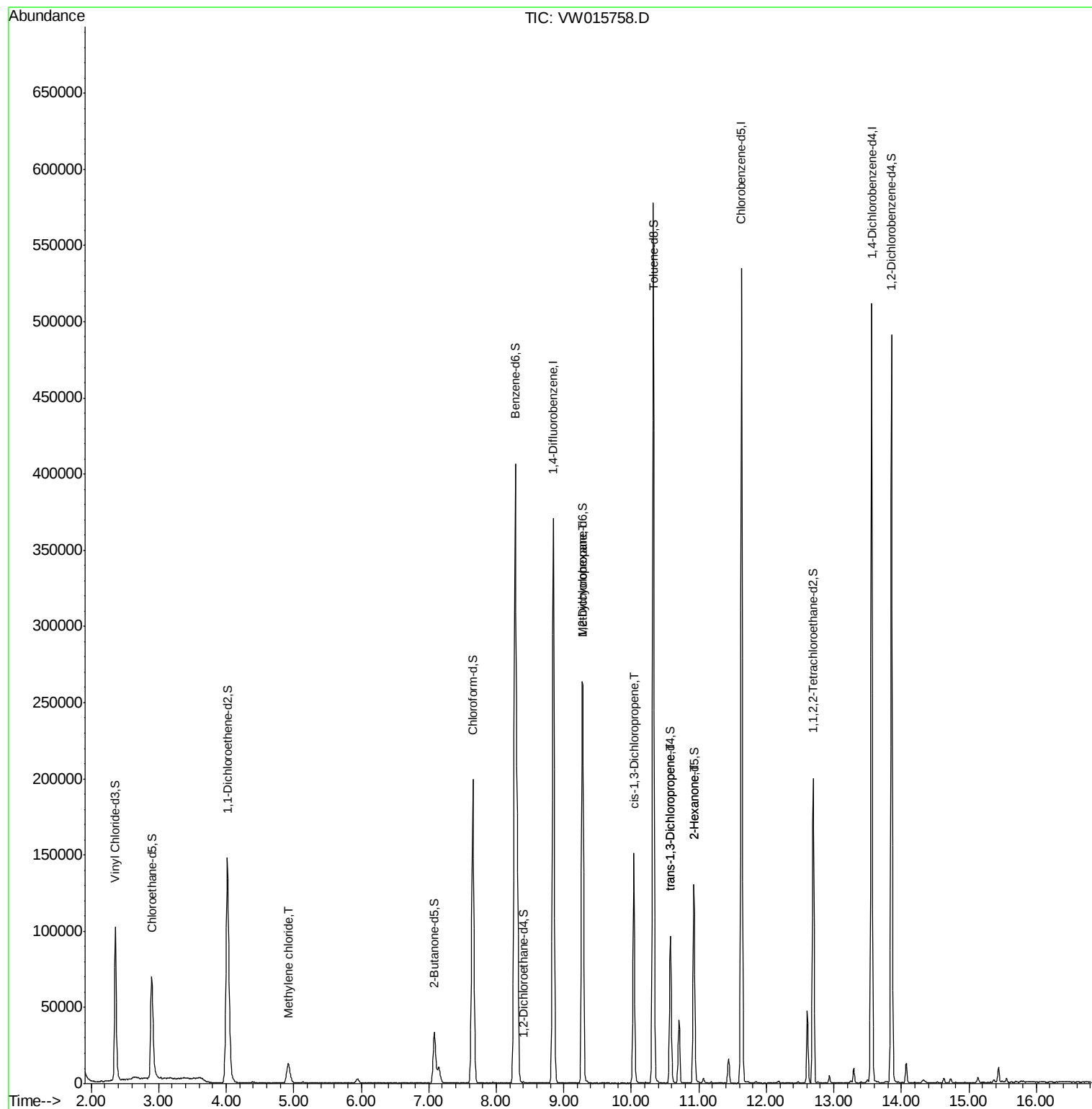
					Ovalue
16) Methylene chloride	4.92	84	10782	2.333 ug/L	97
36) Methylcyclohexane	9.27	83	29272	4.066 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4077	0.686 ug/L #	59
45) trans-1,3-Dichloropropene	10.58	75	2571	0.497 ug/L	95
49) 2-Hexanone	10.93	43	5630	3.596 ug/L #	66

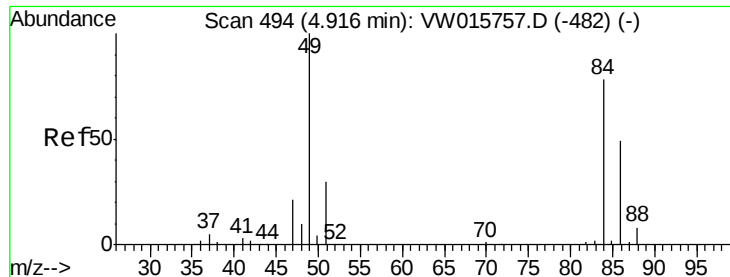
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 30 03:03:23 2020
Response via : Initial Calibration

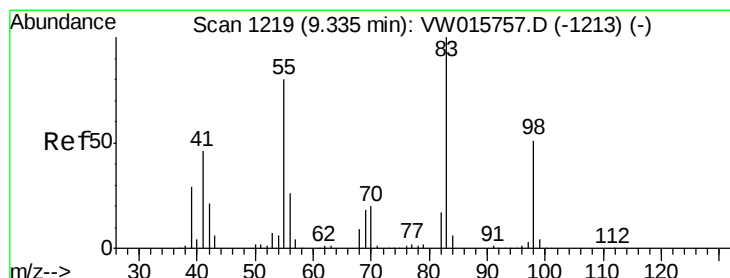
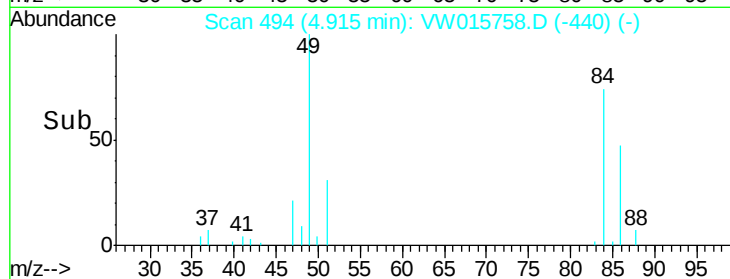
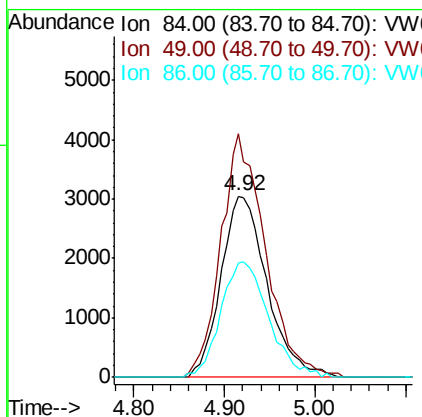
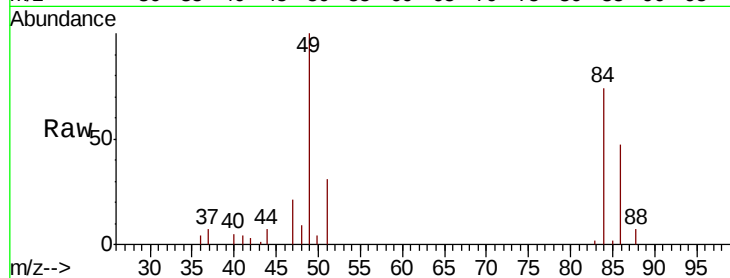




#16
Methvlene chloride
Concen: 2.333 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015758.D
Acq: 29 Jun 2020 13:09

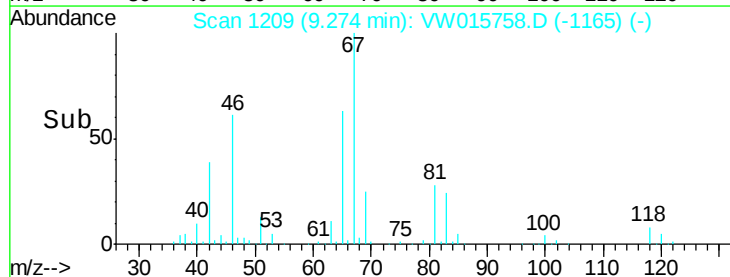
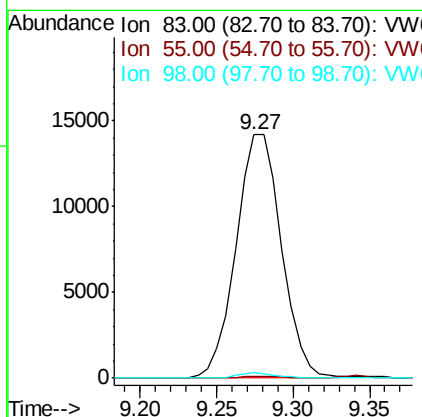
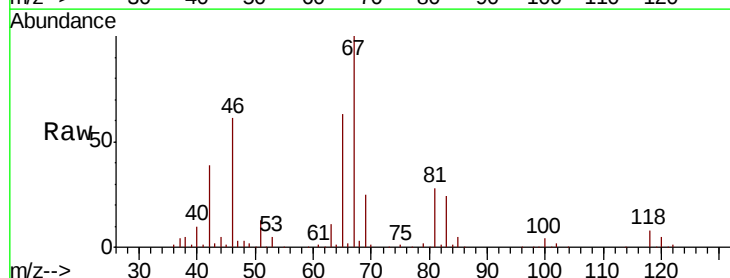
Instrument :
MSVOA_W
ClientSampleId :
VBLK10

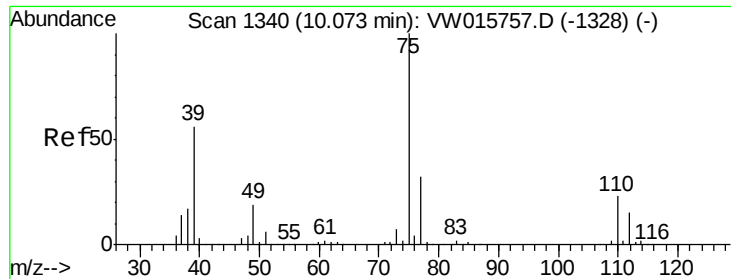
Tot Ion: 84 Resp: 10782
Ion Ratio Lower Upper
84 100
49 134.3 90.0 167.2
86 62.8 44.0 81.8



#36
Methylcyclohexane
Concen: 4.066 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015758.D
Acq: 29 Jun 2020 13:09

Tgt Ion: 83 Resp: 29272
Ion Ratio Lower Upper
83 100
55 0.5 62.7 94.1#
98 1.6 39.4 59.2#





#42

cis-1,3-Dichloropropene

Concen: 0.686 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015758.D

Acq: 29 Jun 2020 13:09

Instrument :

MSVOA_W

ClientSampleId :

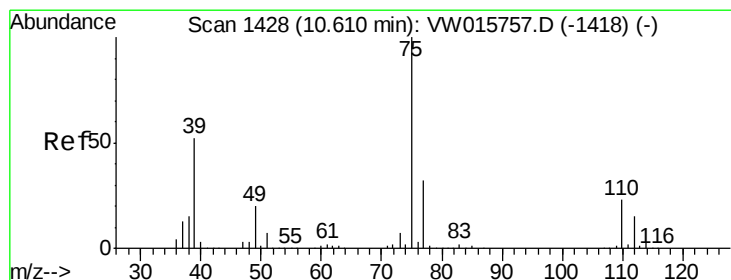
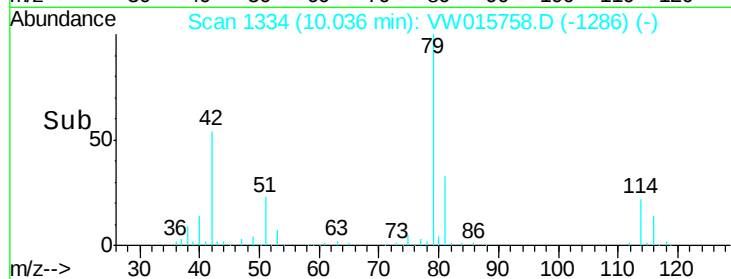
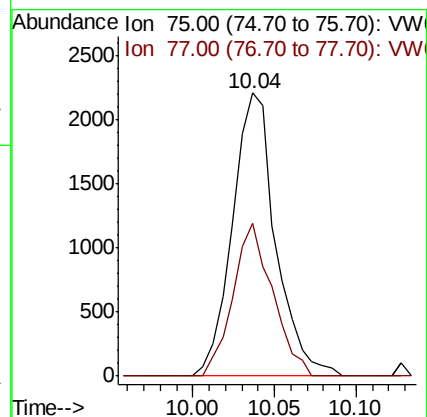
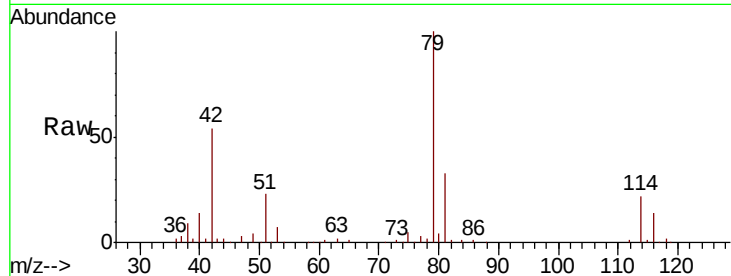
VBLK10

Tot Ion: 75 Resp: 4077

Ion Ratio Lower Upper

75 100

77 54.2 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.497 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW015758.D

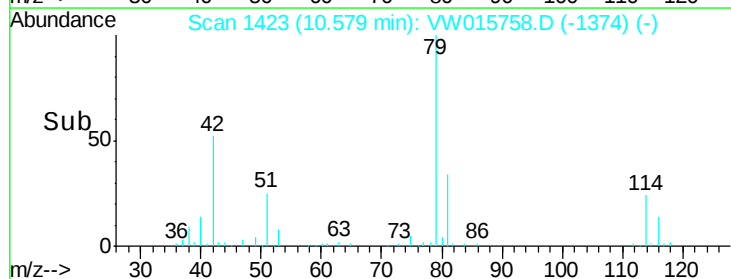
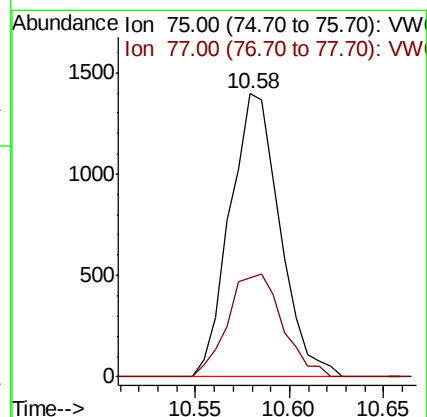
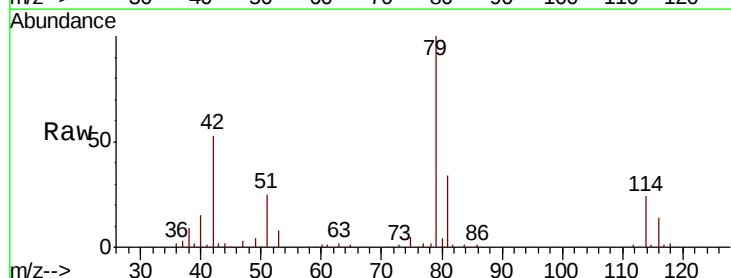
Acq: 29 Jun 2020 13:09

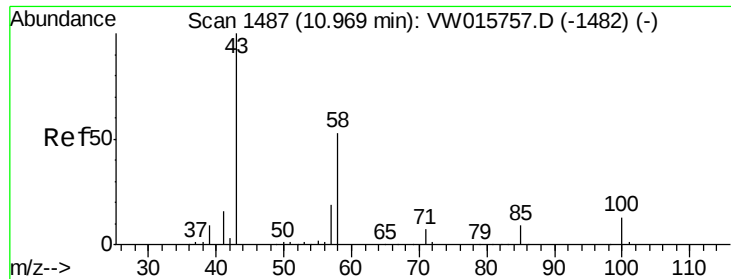
Tgt Ion: 75 Resp: 2571

Ion Ratio Lower Upper

75 100

77 35.0 22.5 41.7





#49

2-Hexanone

Concen: 3.596 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015758.D

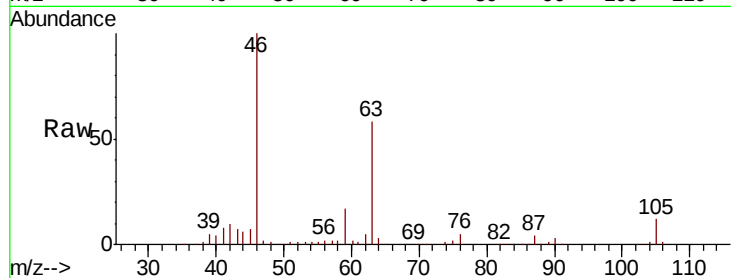
Acq: 29 Jun 2020 13:09

Instrument :

MSVOA_W

ClientSampleId :

VBLK10



Tot Ion: 43 Resp: 5630

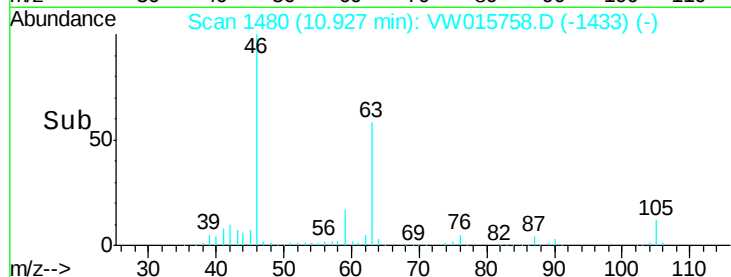
Ion Ratio Lower Upper

43 100

58 23.8 43.5 65.3#

57 24.8 15.4 23.0#

100 0.0 10.0 15.0#



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

