

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016112.D
 Acq On : 10 Aug 2020 20:17
 Operator : SY/VA
 Sample : L3598-15
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY71

Quant Time: Aug 11 01:59:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	395081	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373509	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140070	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	112651	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
7) Chloroethane-d5	2.89	69	82137	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.36%
10) 1,1-Dichloroethene-d2	4.01	63	177334	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.09	46	92804	72.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.00%#
24) Chloroform-d	7.65	84	240288	22.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	8.31	65	148421	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.44%
29) Benzene-d6	8.27	84	468103	23.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.16%
33) 1,2-Dichloropropane-d6	9.27	67	141011	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.40%
37) Toluene-d8	10.32	98	411761	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.58	79	65714	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.88%
39) 2-Hexanone-d5	10.93	63	75356	73.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.22%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143777	29.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	126465	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

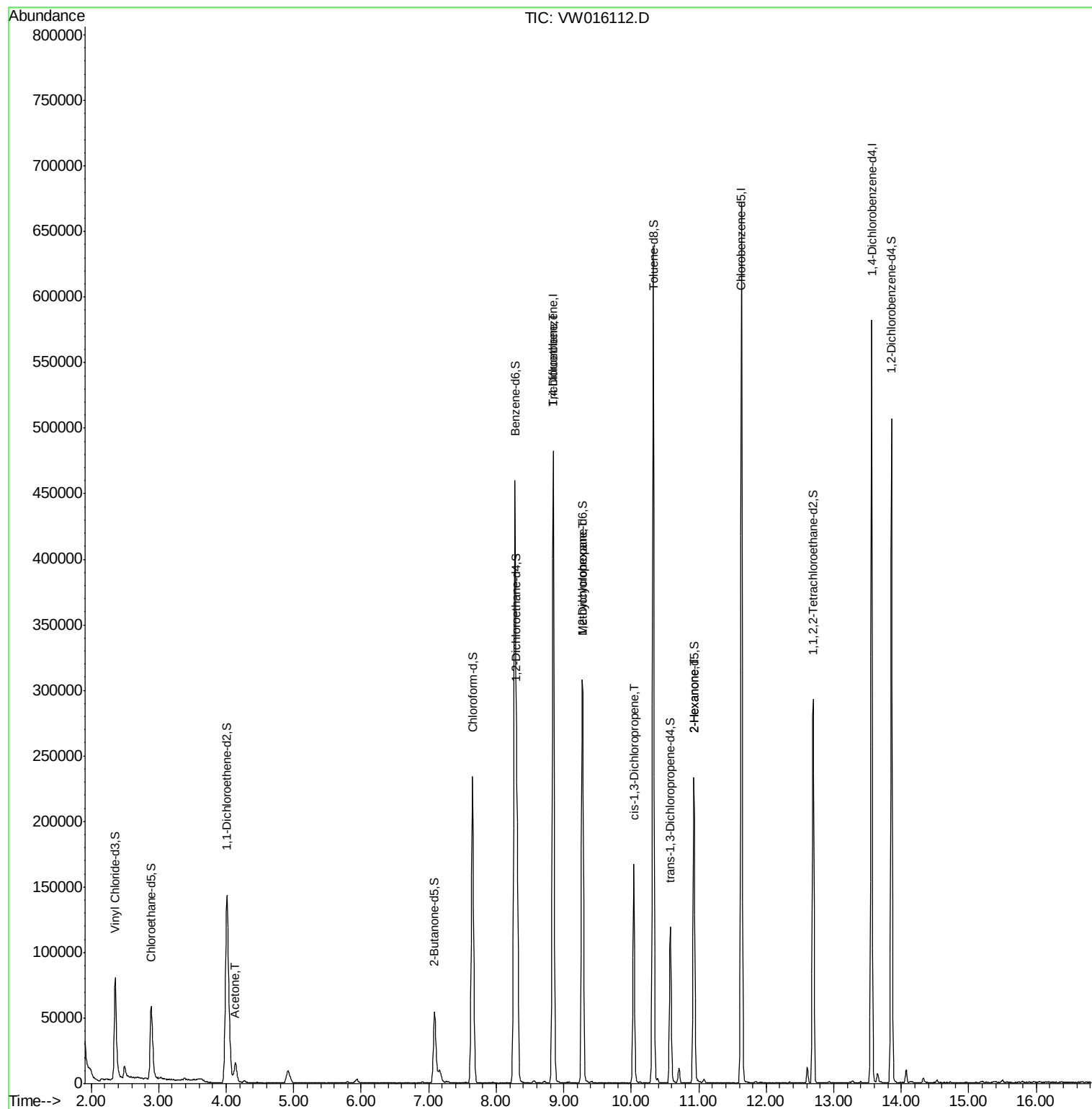
					Ovalue
13) Acetone	4.14	43	25783	26.443 ug/L	96
35) Trichloroethene	8.84	95	12301	2.124 ug/L #	6
36) Methylcyclohexane	9.27	83	36785	3.856 ug/L #	19
42) cis-1,3-Dichloropropene	10.03	75	4333	0.538 ug/L #	80
49) 2-Hexanone	10.93	43	9704	4.520 ug/L #	67

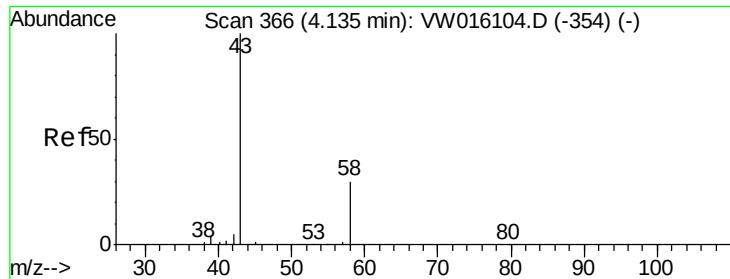
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 11 01:19:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 26.443 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016112.D

Acq: 10 Aug 2020 20:17

Instrument :

MSVOA_W

ClientSampleId :

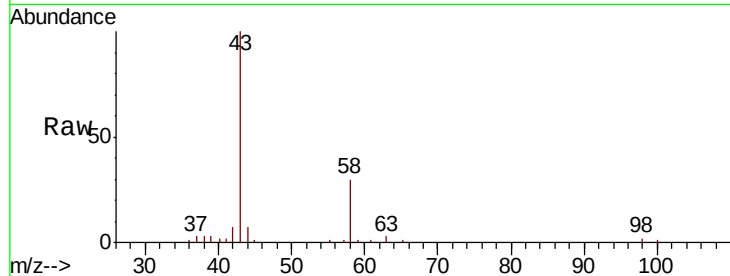
GAY71

Tot Ion: 43 Resp: 25783

Ion Ratio Lower Upper

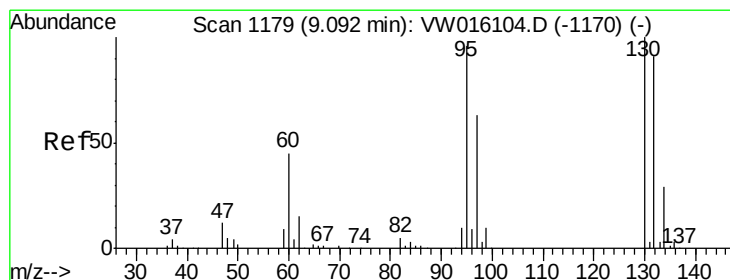
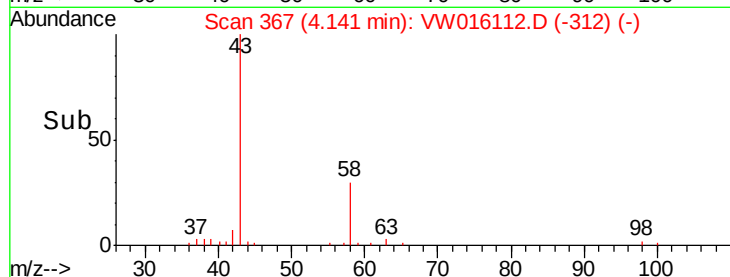
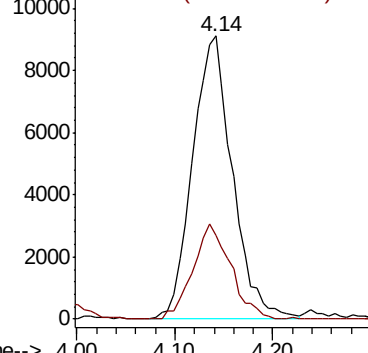
43 100

58 31.8 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.124 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016112.D

Acq: 10 Aug 2020 20:17

Tgt Ion: 95 Resp: 12301

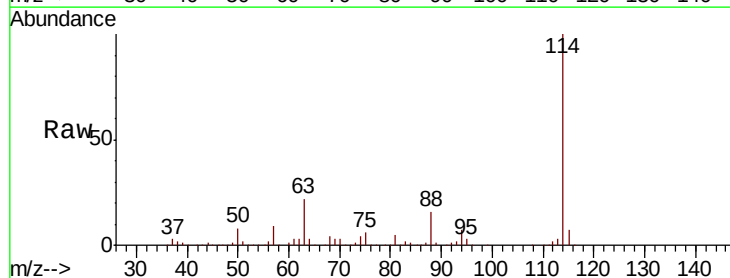
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 65.8 122.2#

130 0.0 69.5 129.1#

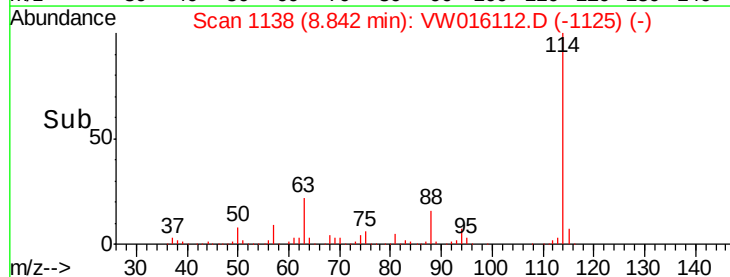
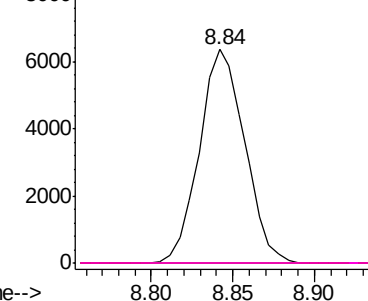


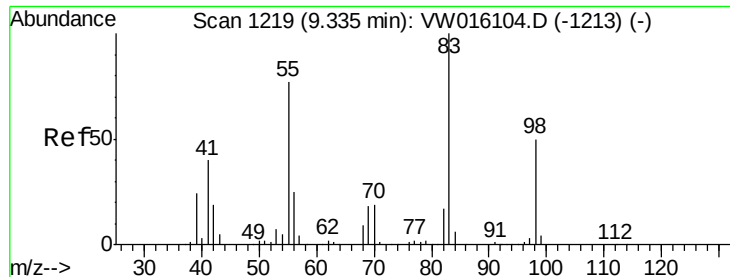
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

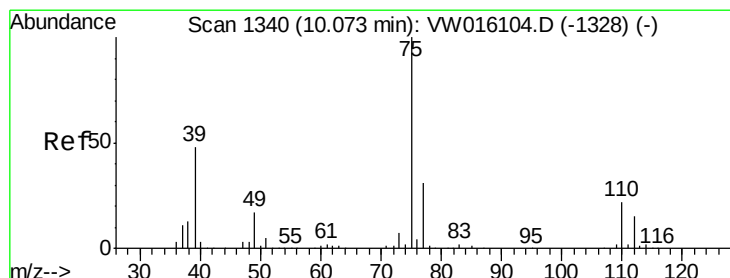
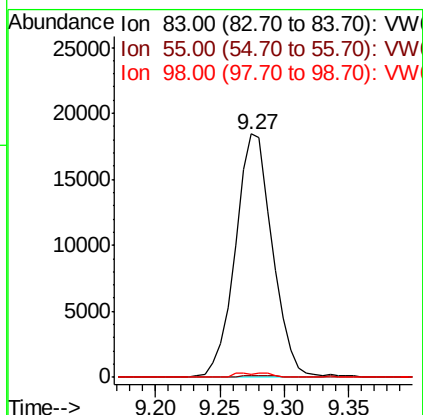
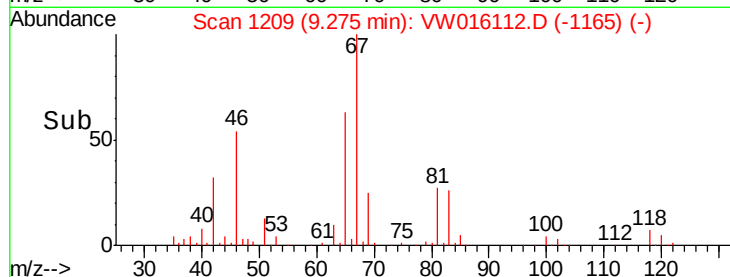
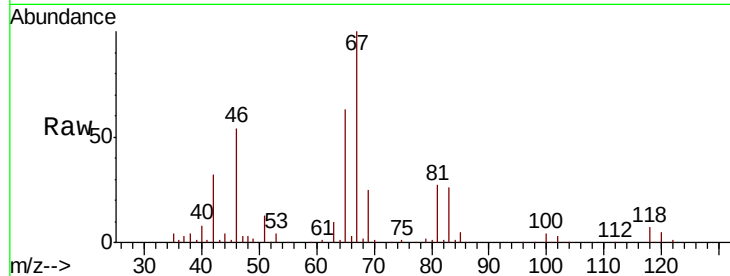




#36
Methylcyclohexane
Concen: 3.856 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016112.D
Acq: 10 Aug 2020 20:17

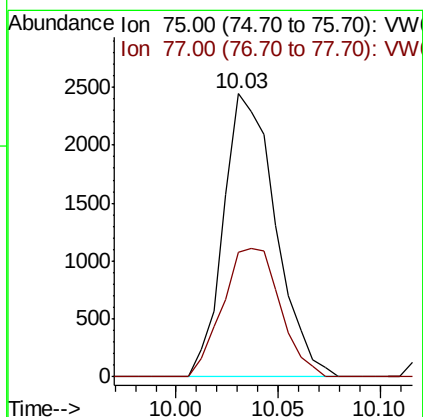
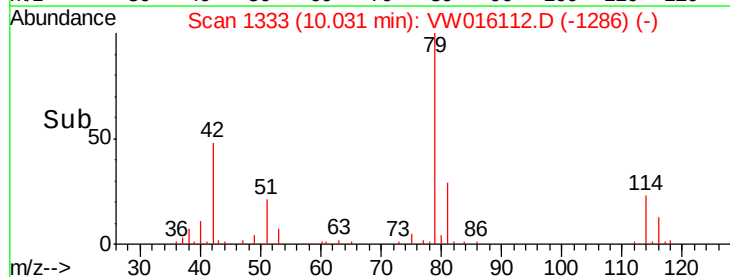
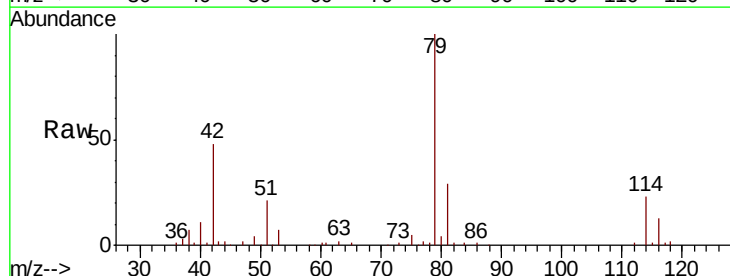
Instrument :
MSVOA_W
ClientSampled :
GAY71

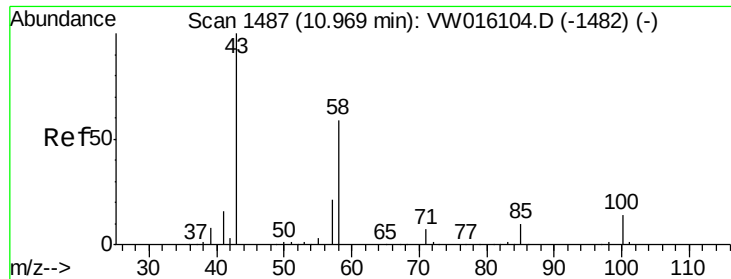
Tot Ion: 83 Resp: 36785
Ion Ratio Lower Upper
83 100
55 0.5 60.7 91.1#
98 0.7 39.4 59.0#



#42
cis-1,3-Dichloropropene
Concen: 0.538 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW016112.D
Acq: 10 Aug 2020 20:17

Tgt Ion: 75 Resp: 4333
Ion Ratio Lower Upper
75 100
77 44.2 22.9 42.5#





#49

2-Hexanone

Concen: 4.520 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016112.D

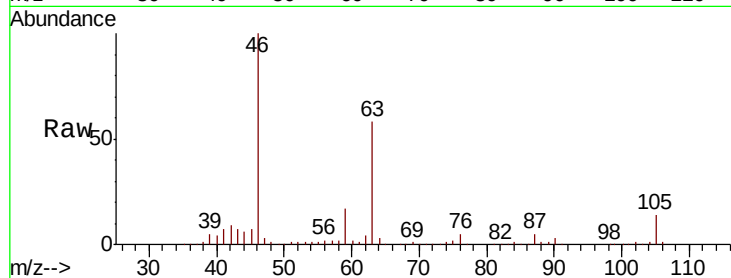
Acq: 10 Aug 2020 20:17

Instrument :

MSVOA_W

ClientSampleId :

GAY71



Tot Ion: 43 Resp: 9704

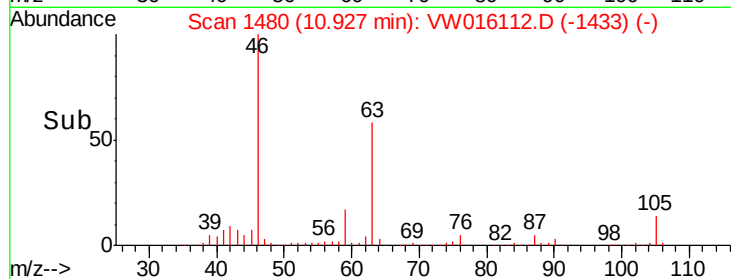
Ion Ratio Lower Upper

43 100

58 27.5 44.2 66.2#

57 28.7 15.8 23.6#

100 2.1 10.8 16.2#



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

