

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015931.D
 Acq On : 23 Jul 2020 19:01
 Operator : SY/VA
 Sample : L3388-10
 Misc : 4.93G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:04:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	367590	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	299809	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123917	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
7) Chloroethane-d5	2.90	69	95655	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
10) 1,1-Dichloroethene-d2	4.01	63	176423	16.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	7.08	46	52712	38.69	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.38%
24) Chloroform-d	7.65	84	217382	21.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	8.31	65	130376	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	8.27	84	431458	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	133648	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	10.33	98	357093	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.40%
38) trans-1,3-Dichloropropene-	10.58	79	42619	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.12%
39) 2-Hexanone-d5	10.93	63	36453	40.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105839	25.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	90016	21.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.28%

Target Compounds

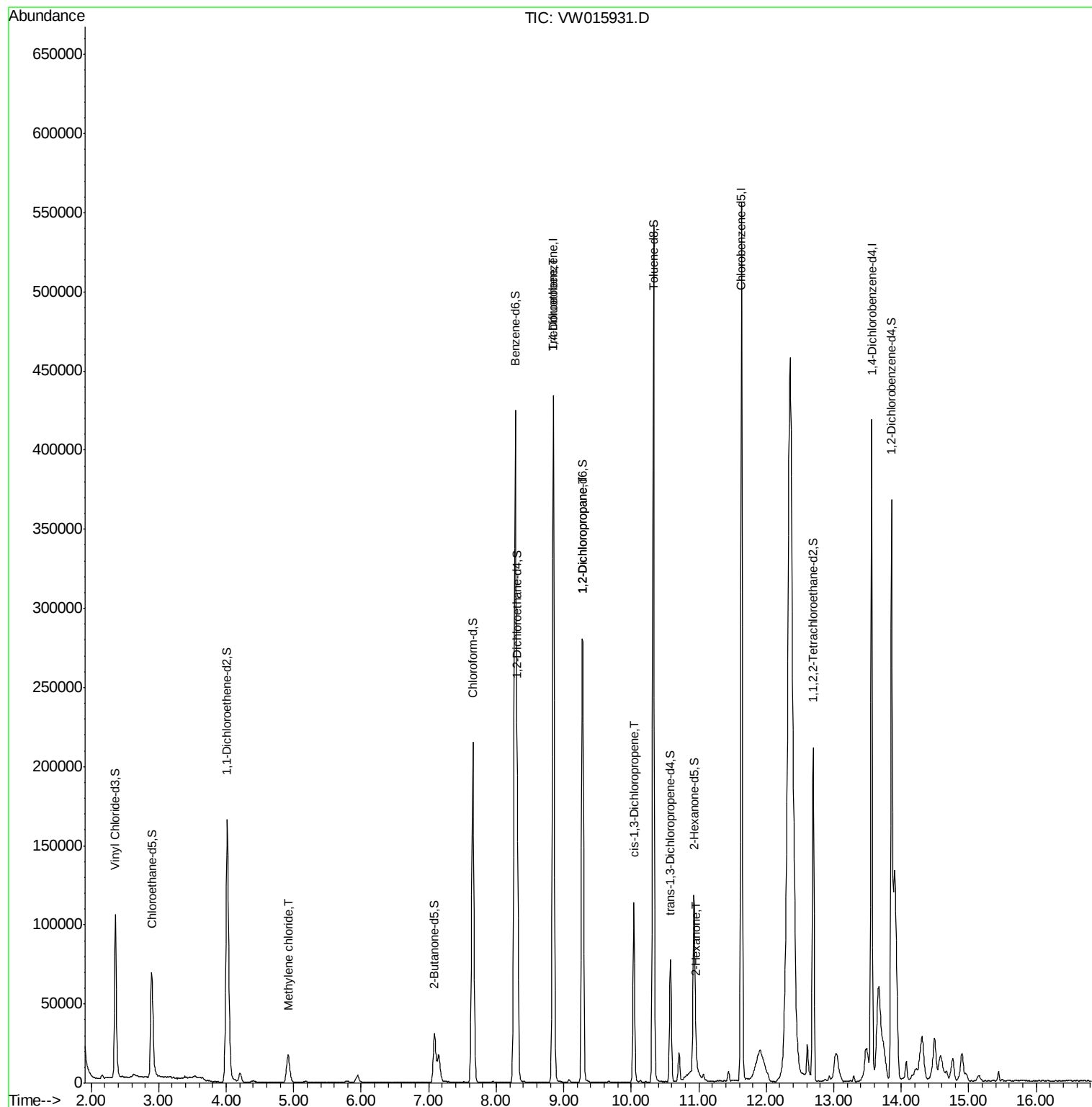
					Ovalue
16) Methylene chloride	4.92	84	13951	2.316 ug/L	98
35) Trichloroethene	8.85	95	10949	2.273 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	15200	3.370 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	2819	0.410 ug/L #	63
49) 2-Hexanone	10.96	43	13474	7.211 ug/L #	39

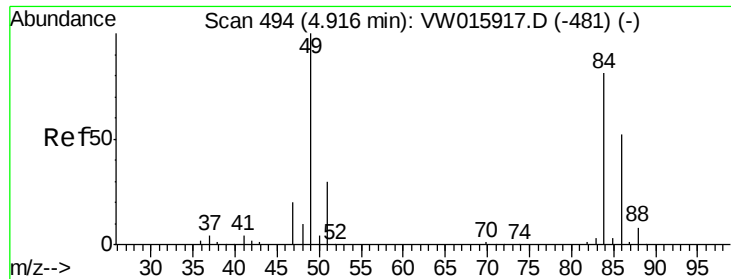
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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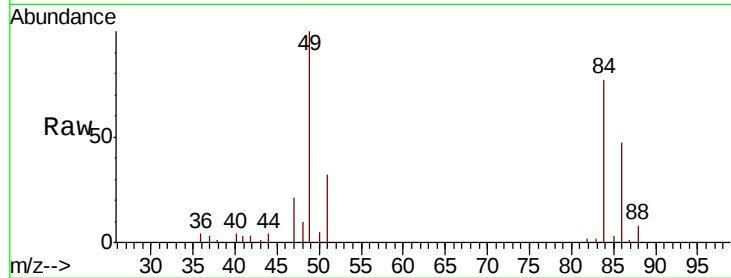




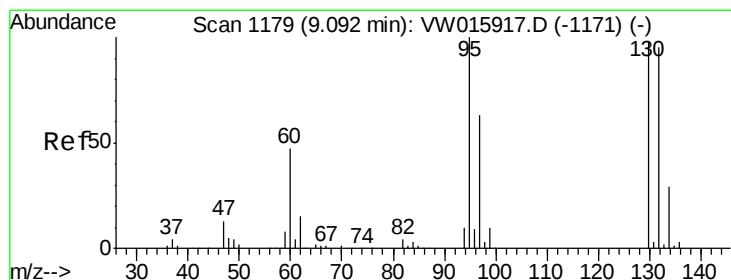
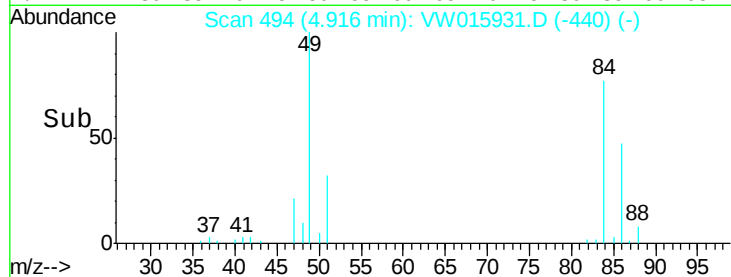
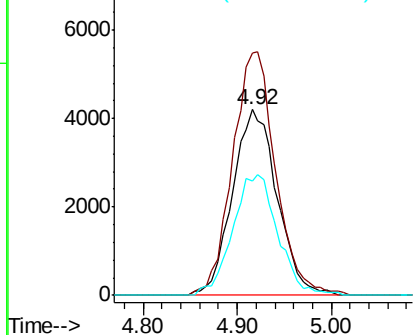
#16
Methylene chloride
Concen: 2.316 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015931.D
Acq: 23 Jul 2020 19:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 13951
Ion Ratio Lower Upper
84 100
49 130.4 91.1 169.1
86 61.9 46.0 85.4

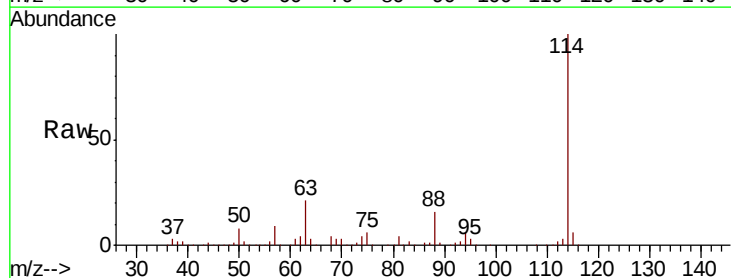


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

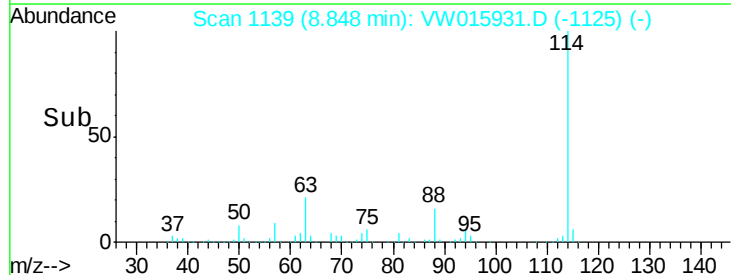
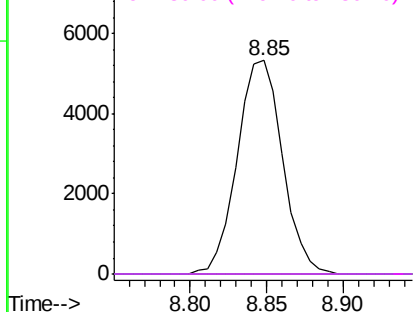


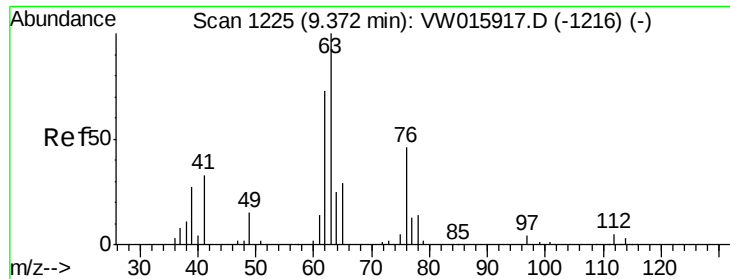
#35
Trichloroethene
Concen: 2.273 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015931.D
Acq: 23 Jul 2020 19:01

Tgt Ion: 95 Resp: 10949
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.1 120.9#
130 0.0 68.6 127.4#



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

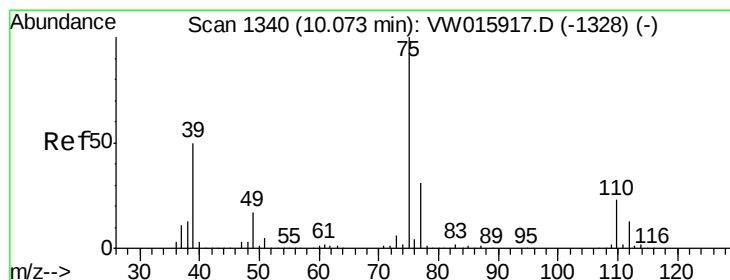
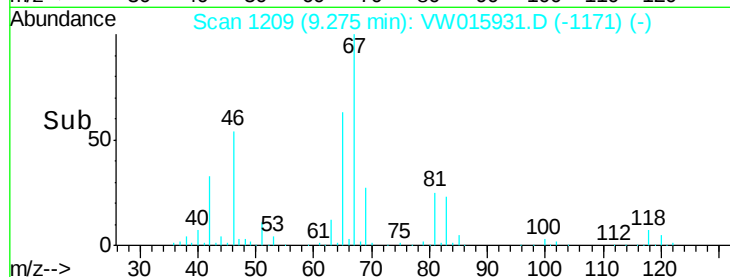
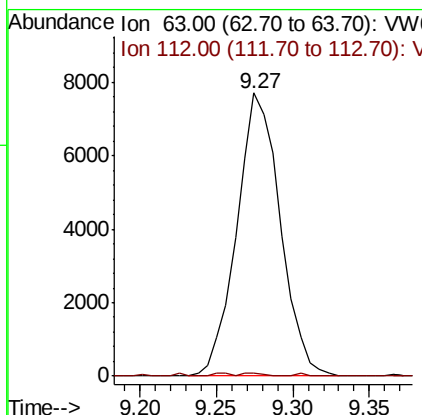
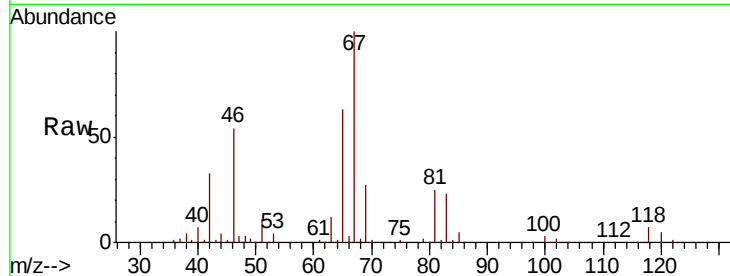




#40
 1,2-Dichloropropane
 Concen: 3.370 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW015931.D
 Acq: 23 Jul 2020 19:01

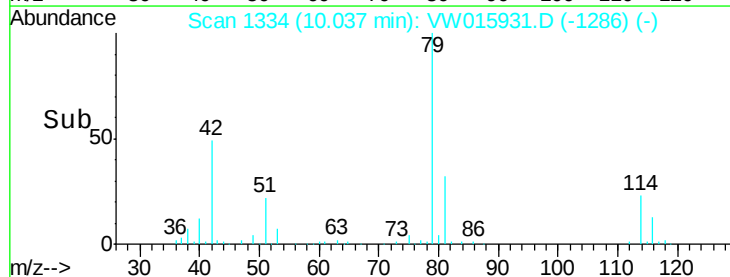
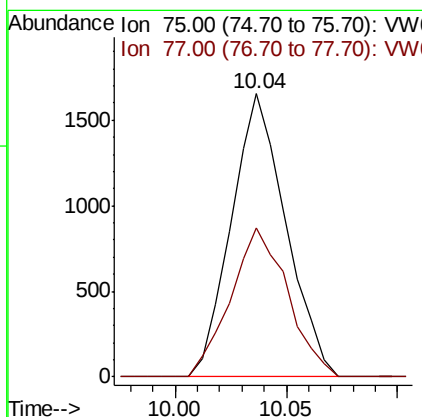
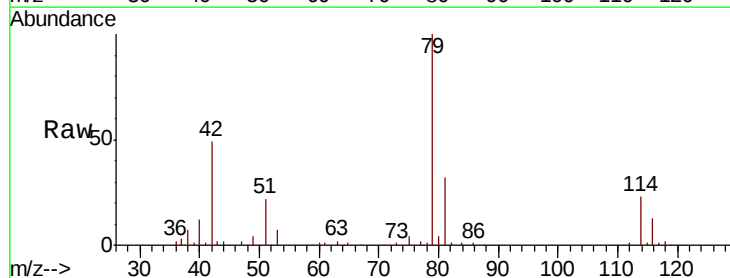
Instrument :
 MSVOA_W
 ClientSampleId :

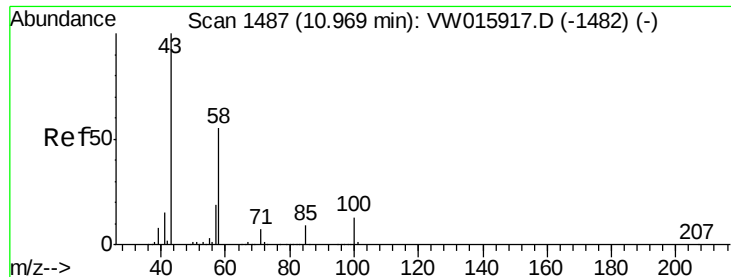
Tot Ion: 63 Resp: 15200
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.410 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015931.D
 Acq: 23 Jul 2020 19:01

Tgt Ion: 75 Resp: 2819
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.2 41.2#





#49

2-Hexanone

Concen: 7.211 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW015931.D

Acq: 23 Jul 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 13474

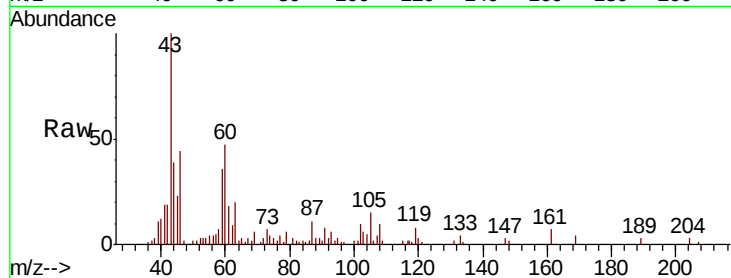
Ion Ratio Lower Upper

43 100

58 0.6 42.4 63.6#

57 0.0 15.6 23.4#

100 0.0 9.8 14.6#



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

