

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017627.D
 Acq On : 24 Jul 2020 01:27
 Operator : SY/MD
 Sample : L3398-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C42

Quant Time: Jul 24 02:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159669	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	154078	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76253	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34682	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	29939	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.12	63	59127	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.96	46	92409	50.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.34%
24) Chloroform-d	4.38	84	91067	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	51236	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.07	84	164434	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.09	67	46906	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	150920	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	7.64	79	18693	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
48) 2-Hexanone-d5	8.12	63	59568	44.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.84%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32854	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	60653	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

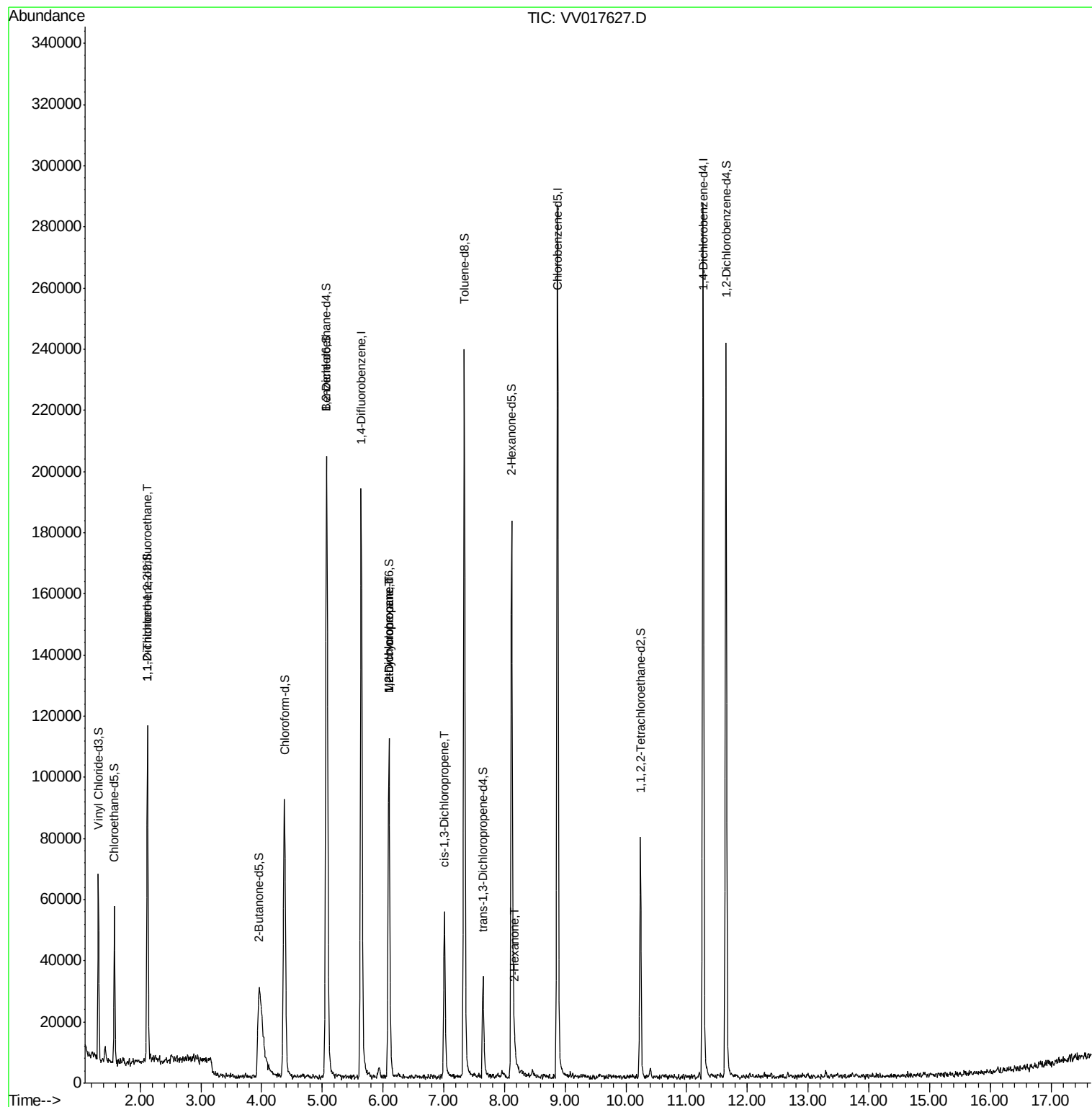
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	693	0.073 ug/L #	20
35) Methylcyclohexane	6.10	83	13372	0.726 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6672	0.651 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1793	0.116 ug/L #	79
50) 2-Hexanone	8.17	43	4304	1.082 ug/L #	64

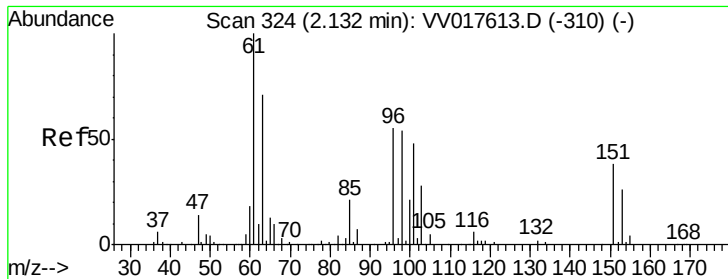
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017627.D

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ClientSampleId :

F4C42

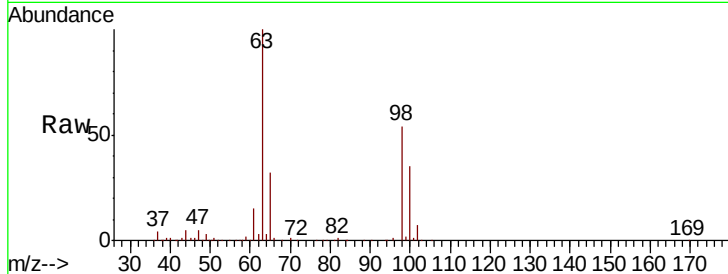
Tot Ion:101 Resp: 693

Ion Ratio Lower Upper

101 100

85 3.3 34.6 51.8#

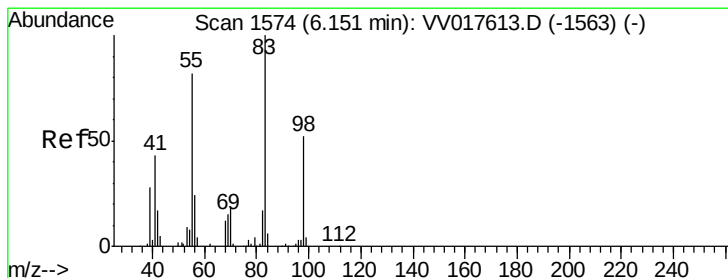
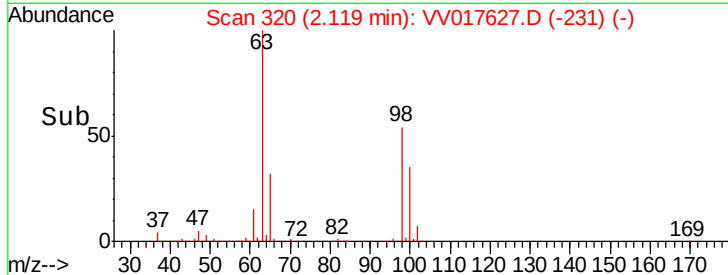
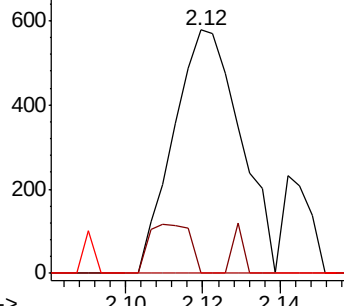
151 0.0 63.5 95.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017627.D

Acq: 24 Jul 2020 01:27

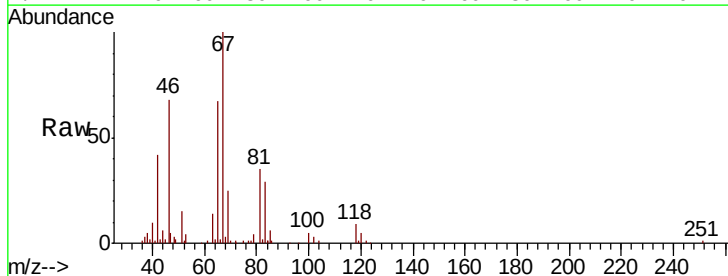
Tgt Ion: 83 Resp: 13372

Ion Ratio Lower Upper

83 100

55 0.7 61.8 92.8#

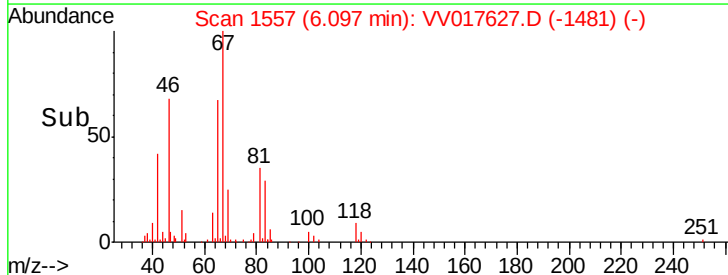
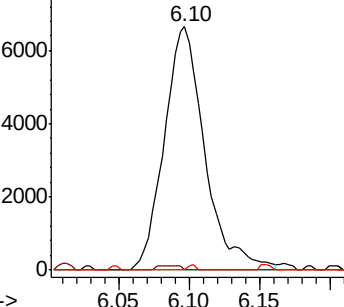
98 0.4 39.0 58.6#

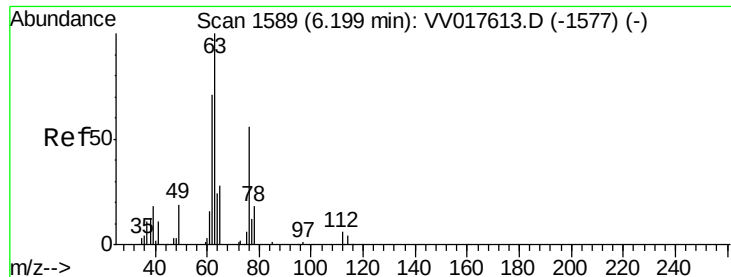


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

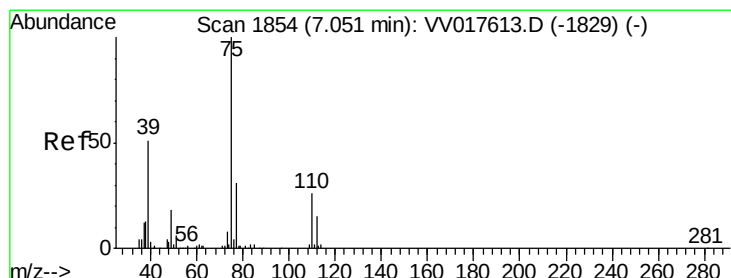
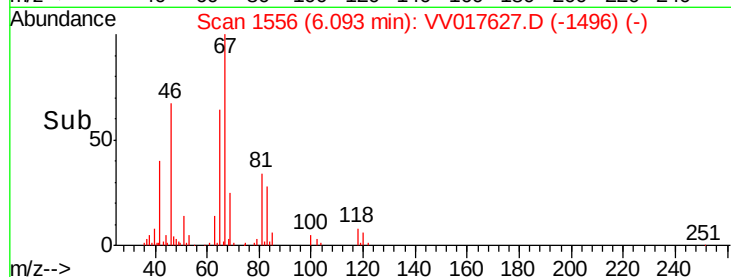
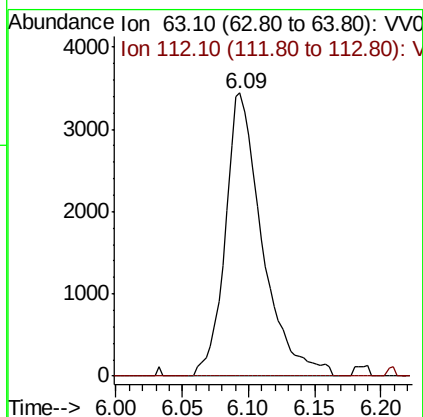
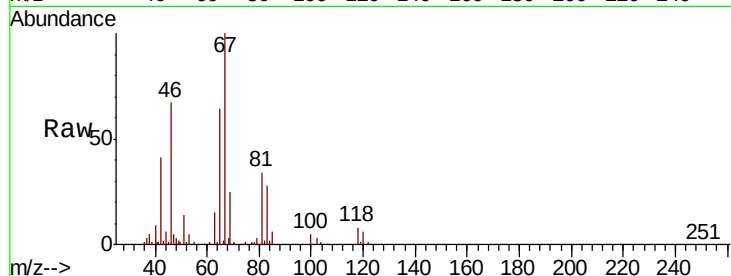




#37
 1,2-Dichloropropane
 Concen: 0.651 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017627.D
 Acq: 24 Jul 2020 01:27

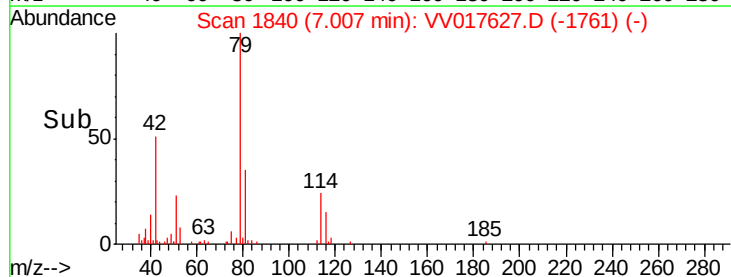
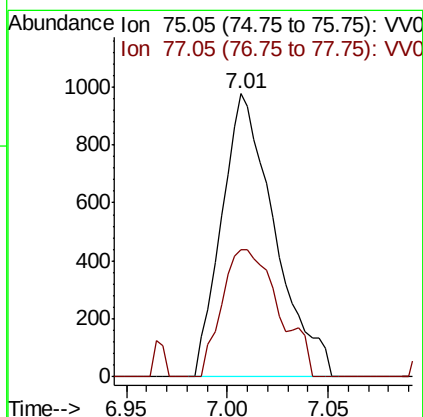
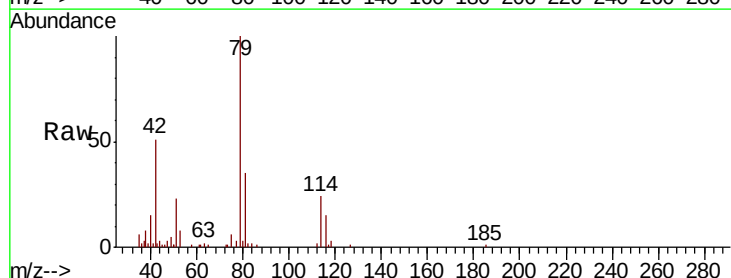
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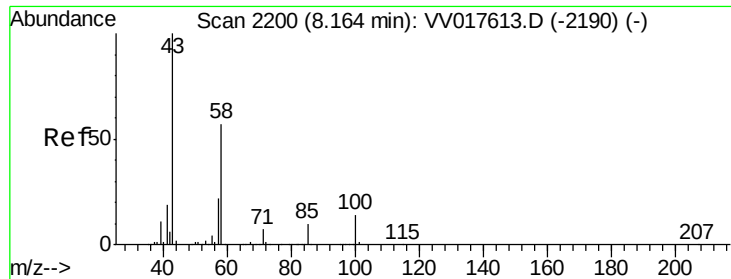
Tot Ion: 63 Resp: 6672
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017627.D
 Acq: 24 Jul 2020 01:27

Tgt Ion: 75 Resp: 1793
 Ion Ratio Lower Upper
 75 100
 77 45.0 23.2 43.2#





#50

2-Hexanone

Concen: 1.082 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017627.D

Acq: 24 Jul 2020 01:27

Instrument :
MSVOA_V
ClientSampleId :
F4C42

Tot Ion: 43 Resp: 4304

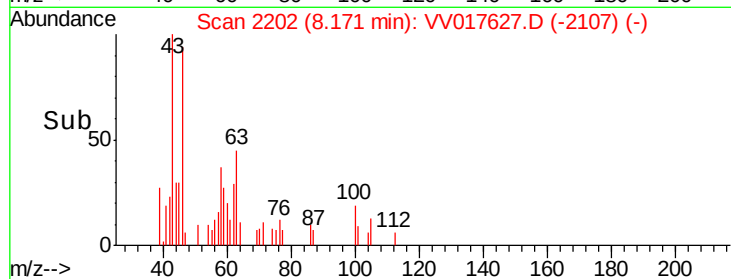
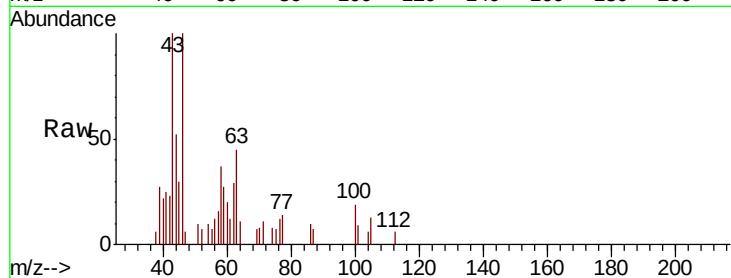
Ion Ratio Lower Upper

43 100

58 21.5 41.6 62.4#

57 0.0 15.4 23.0#

100 14.5 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

