

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VO081420\
 Data File : VX017923.D
 Acq On : 15 Aug 2020 01:52
 Operator : JC/SP
 Sample : L3701-12
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLT1

Quant Time: Aug 17 04:20:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 04:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	258231	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	236879	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78502	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.69	69	66187	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.34	63	114598	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.53	46	223848	47.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.48%
24) Chloroform-d	5.14	84	168017	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	6.03	65	100118	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	6.05	84	314410	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	7.37	67	104924	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	8.70	98	261855	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	8.99	79	37327	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	9.43	63	178510	49.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.68%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	79107	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	114142	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

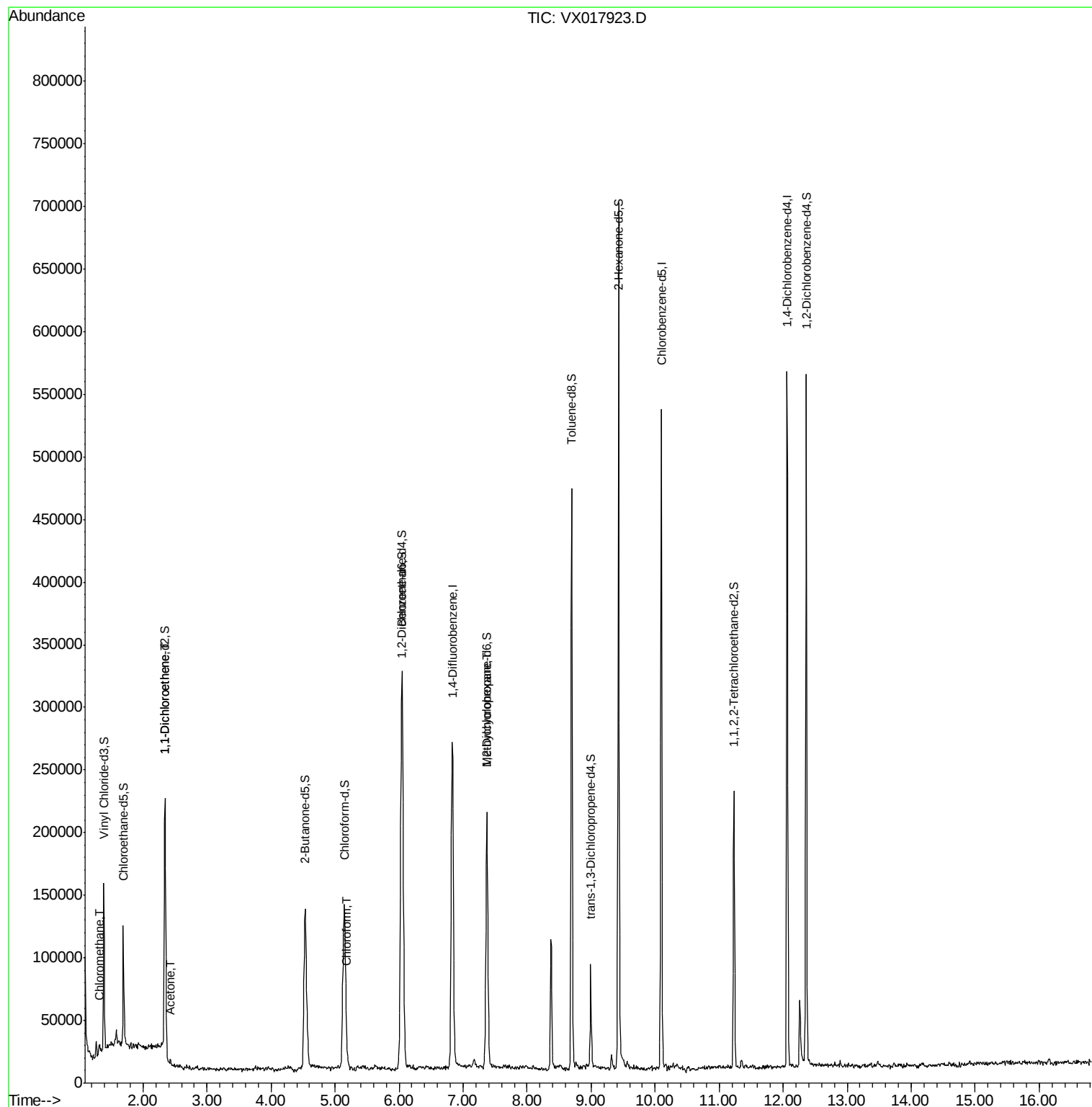
					Qvalue
3) Chloromethane	1.31	50	2666	0.109 ug/L #	75
12) 1,1-Dichloroethene	2.34	96	2308	0.117 ug/L #	1
13) Acetone	2.42	43	2759	0.797 ug/L	68
25) Chloroform	5.18	83	7819	0.181 ug/L	87
35) Methylcyclohexane	7.37	83	26088	0.758 ug/L #	19

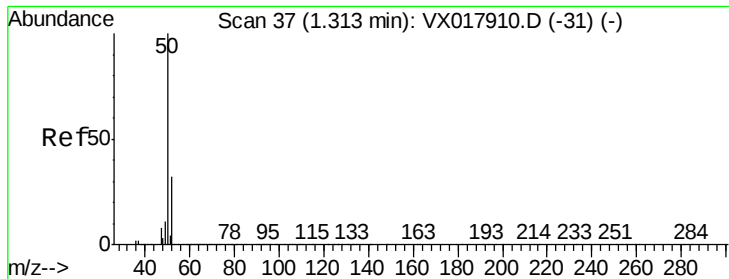
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.109 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017923.D

Acq: 15 Aug 2020 01:52

Instrument :

MSVOA_X

ClientSampled :

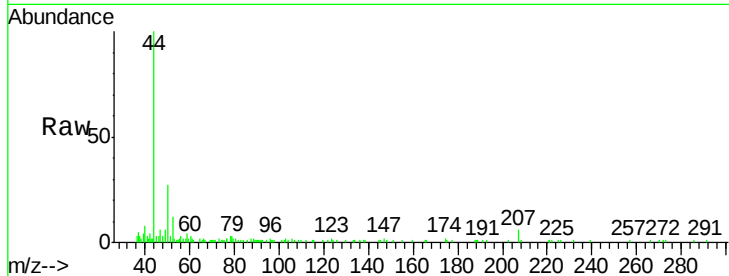
JLTY1

Tgt Ion: 50 Resp: 2666

Ion Ratio Lower Upper

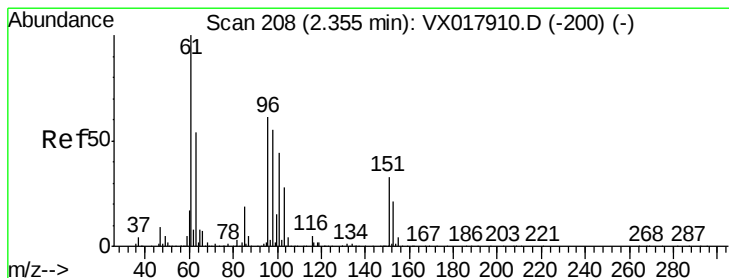
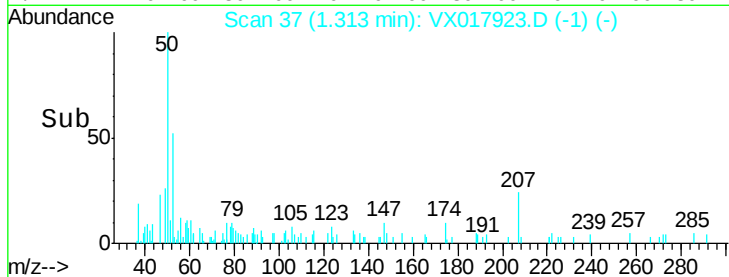
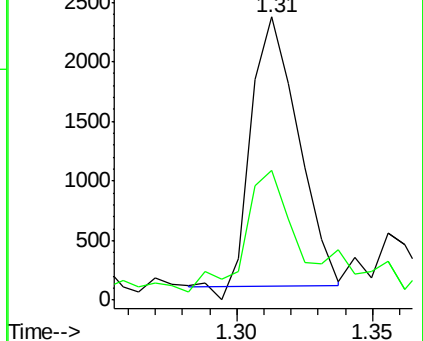
50 100

52 46.0 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

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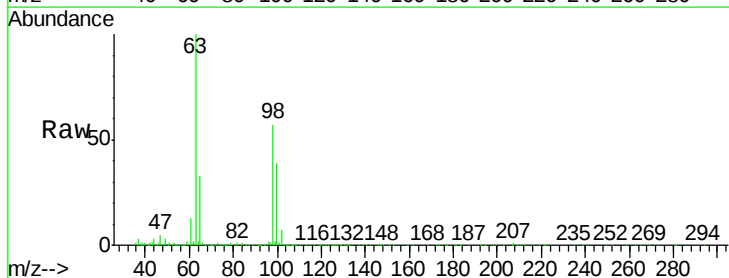
Tgt Ion: 96 Resp: 2308

Ion Ratio Lower Upper

96 100

61 854.4 123.5 229.3#

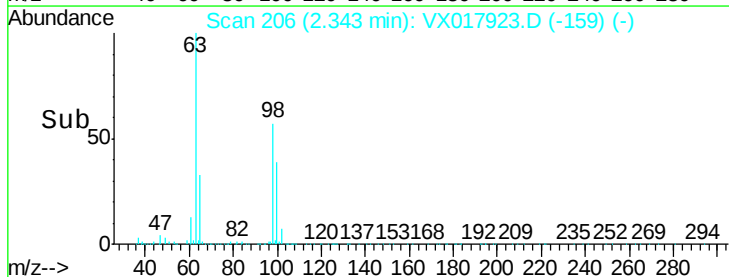
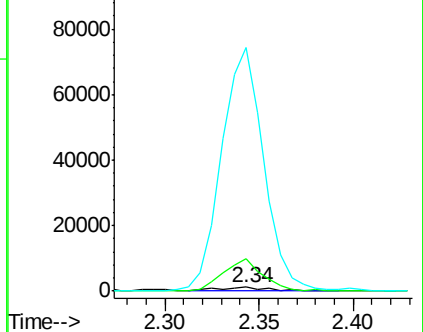
63 6535.0 67.0 124.4#

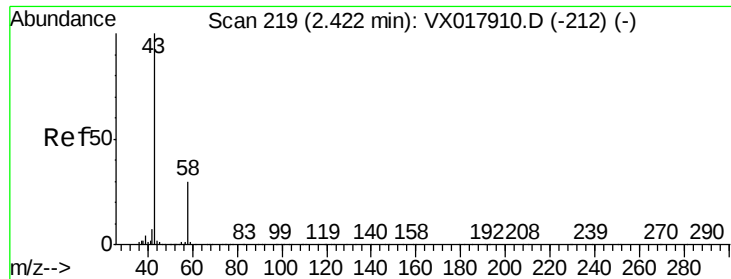


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 0.797 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

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ClientSampleId :

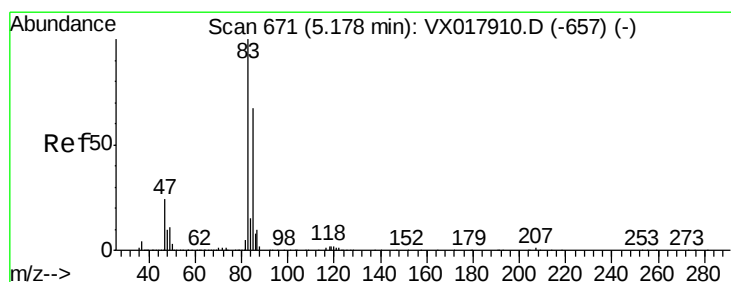
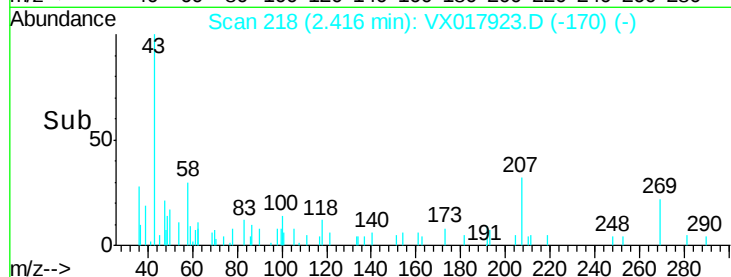
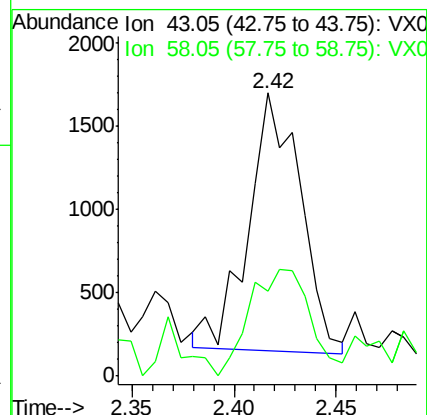
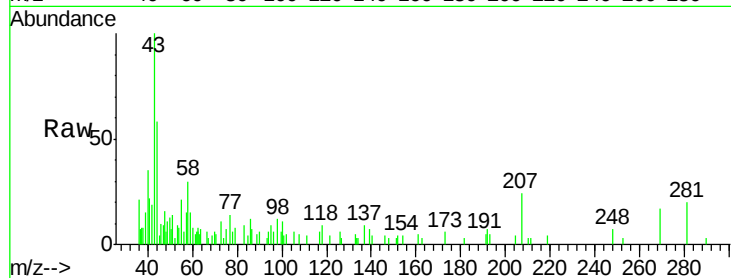
JLTY1

Tgt Ion: 43 Resp: 2759

Ion Ratio Lower Upper

43 100

58 47.9 0.0 60.8



#25

Chloroform

Concen: 0.181 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017923.D

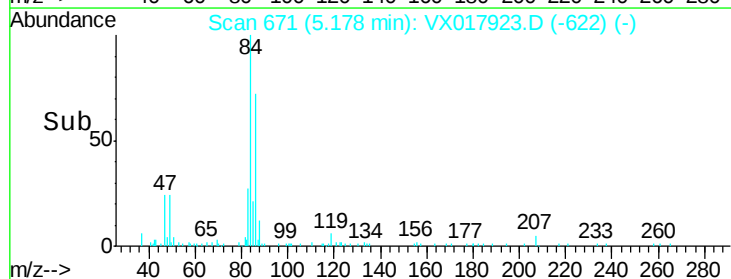
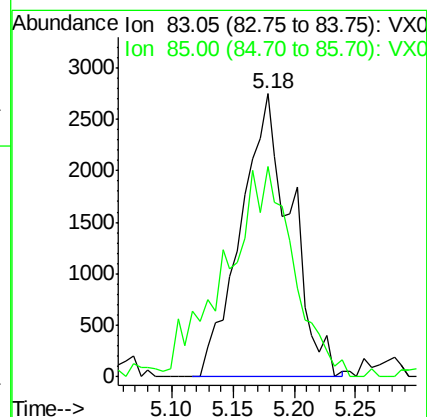
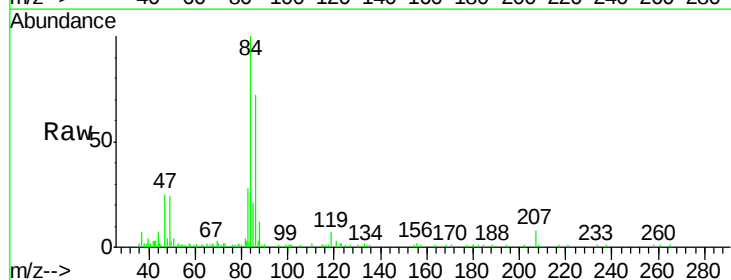
Acq: 15 Aug 2020 01:52

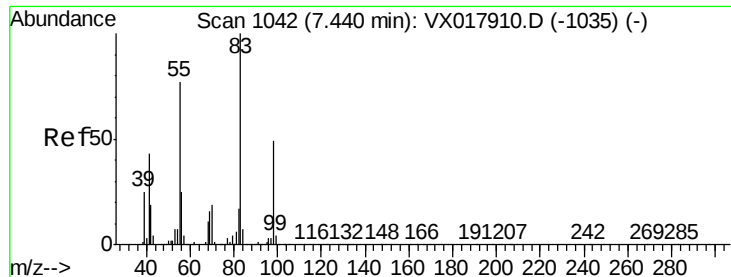
Tgt Ion: 83 Resp: 7819

Ion Ratio Lower Upper

83 100

85 74.4 44.7 83.1





#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.07 min

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Acq: 15 Aug 2020 01:52

Instrument :

MSVOA_X

ClientSampleId :

JLTY1

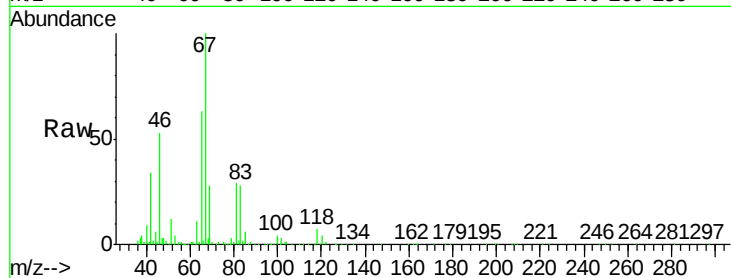
Tgt Ion: 83 Resp: 26088

Ion Ratio Lower Upper

83 100

55 1.2 62.4 93.6#

98 1.7 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

