

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017904.D
 Acq On : 14 Aug 2020 17:37
 Operator : JC/SP
 Sample : L3697-09
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0N7

Quant Time: Aug 17 01:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 01:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	295687	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	275689	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	128580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	90168	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.69	69	75178	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.34	63	137507	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.53	46	238026	43.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.74%
24) Chloroform-d	5.14	84	161993	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	6.03	65	106888	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	6.05	84	353215	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	7.37	67	107683	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	8.70	98	291196	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
45) trans-1,3-Dichloropropene-	8.99	79	41151	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
48) 2-Hexanone-d5	9.43	63	196362	46.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.26%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	75634	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	123995	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

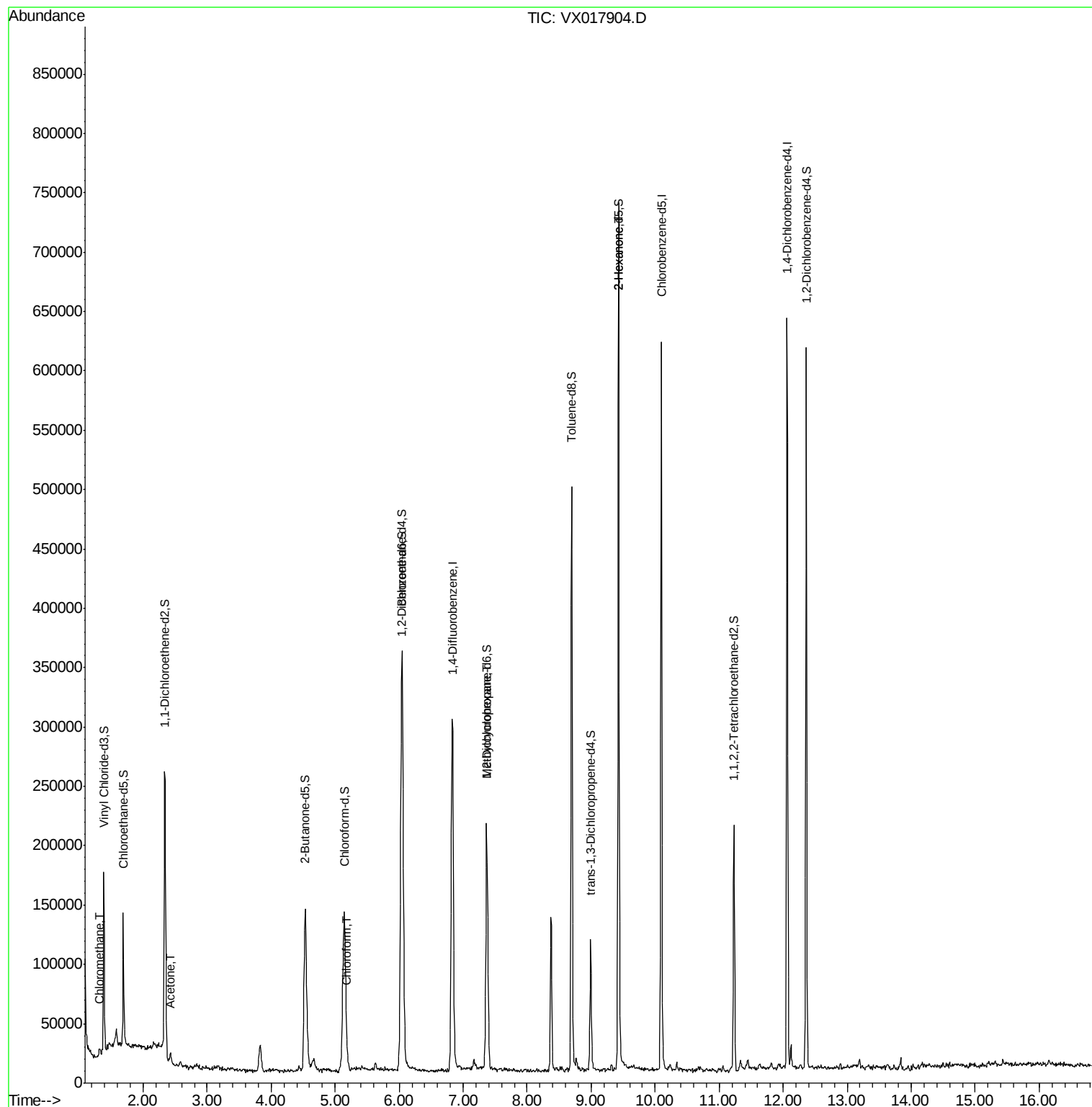
					Qvalue
3) Chloromethane	1.31	50	2727	0.097 ug/L #	68
13) Acetone	2.42	43	6251	1.577 ug/L	71
25) Chloroform	5.18	83	17998	0.364 ug/L	88
35) Methylcyclohexane	7.37	83	27614	0.689 ug/L #	19
50) 2-Hexanone	9.43	43	24848	2.169 ug/L #	67

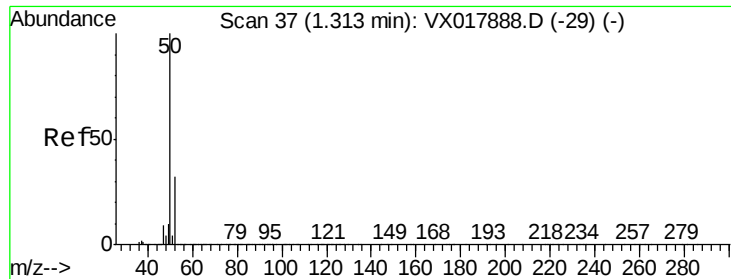
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

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Acq: 14 Aug 2020 17:37

Instrument :

MSVOA_X

ClientSampled :

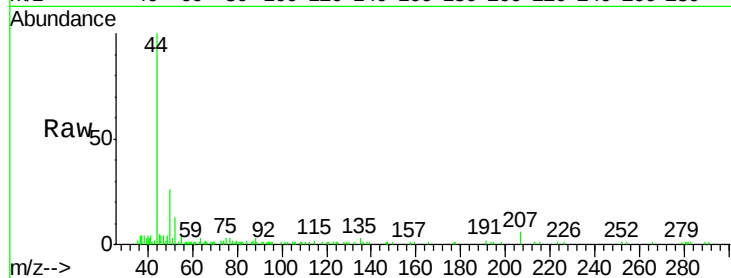
BG0N7

Tgt Ion: 50 Resp: 2727

Ion Ratio Lower Upper

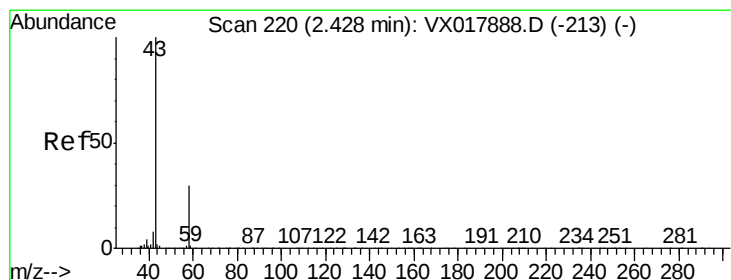
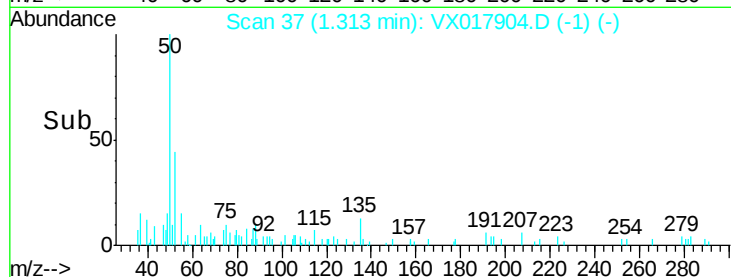
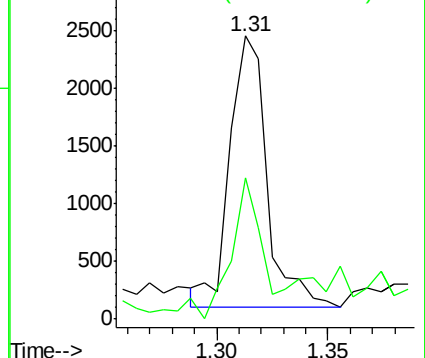
50 100

52 50.0 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 1.577 ug/L

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX017904.D

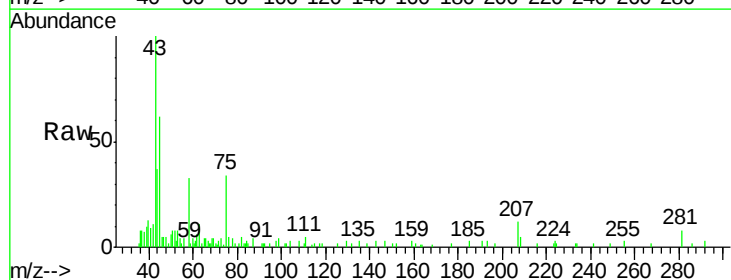
Acq: 14 Aug 2020 17:37

Tgt Ion: 43 Resp: 6251

Ion Ratio Lower Upper

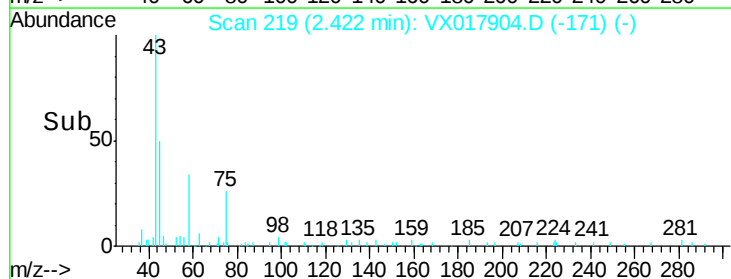
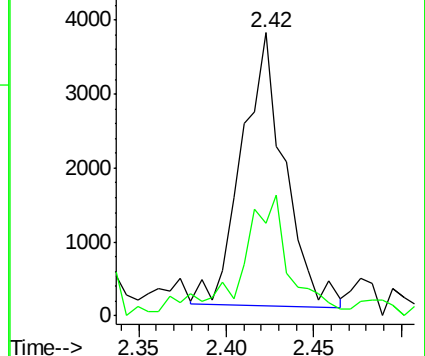
43 100

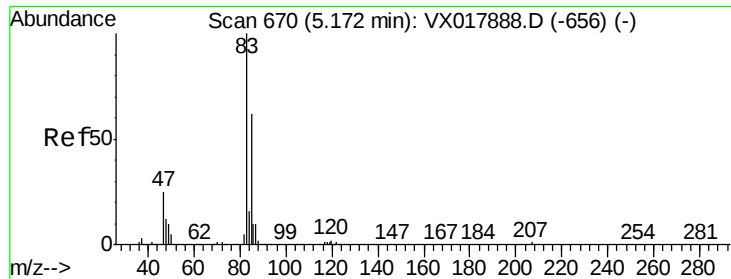
58 46.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#25

Chloroform

Concen: 0.364 ug/L

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

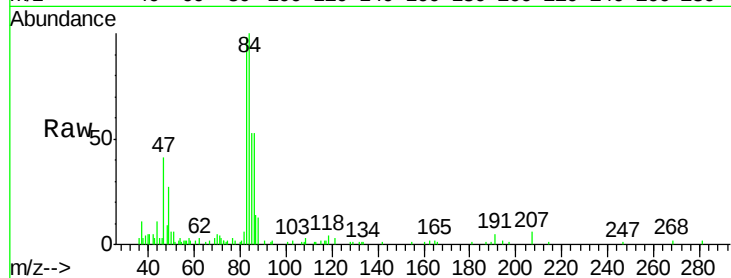
BG0N7

Tgt Ion: 83 Resp: 17998

Ion Ratio Lower Upper

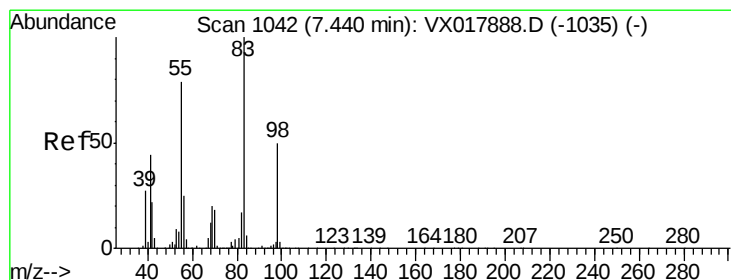
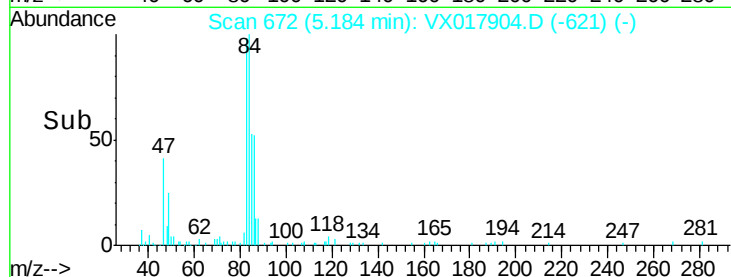
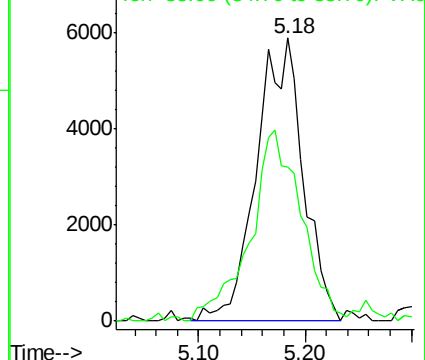
83 100

85 54.4 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX017904.D

Acq: 14 Aug 2020 17:37

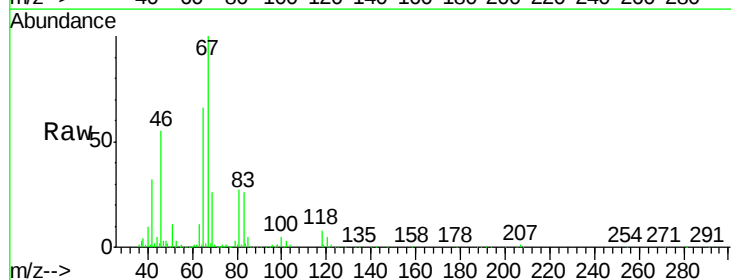
Tgt Ion: 83 Resp: 27614

Ion Ratio Lower Upper

83 100

55 1.6 62.4 93.6#

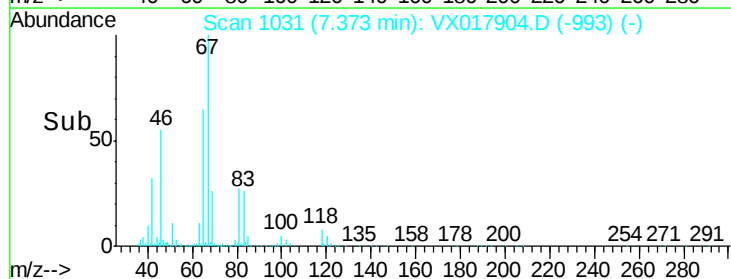
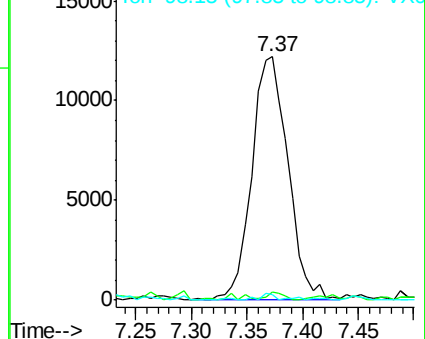
98 1.3 38.0 57.0#

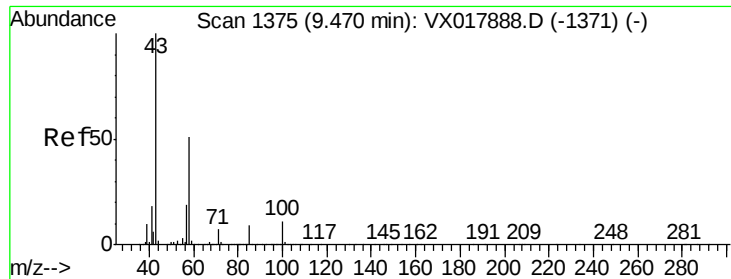


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#50

2-Hexanone

Concen: 2.169 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017904.D

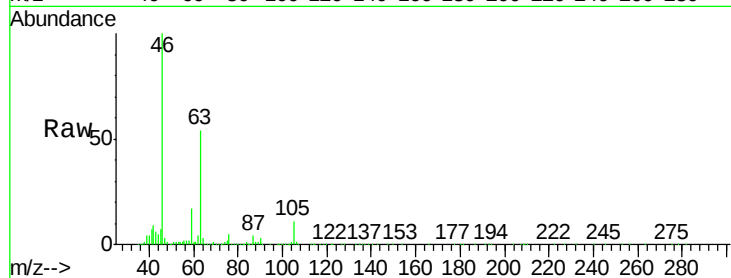
Acq: 14 Aug 2020 17:37

Instrument :

MSVOA_X

ClientSampleId :

BG0N7



Tgt Ion:	43	Resp:	24848
Ion	Ratio	Lower	Upper
43	100		
58	29.0	43.0	64.6#
57	32.4	15.0	22.4#
100	0.8	9.2	13.8#

