

Data File : VU030896.D
Acq On : 08 Apr 2019 11:33
Operator : JC/SP
Sample : K2276-17ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF144ME

Quant Time: Apr 09 02:19:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	634170	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	639014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297508	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	223736	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.04%
7) Chloroethane-d5	1.64	69	177651	41.35	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.70%
11) 1,1-Dichloroethene-d2	2.36	63	257	0.03	ug/L	0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.19	46	459849	102.49	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.49%
24) Chloroform-d	4.64	84	416528	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.30	65	313521	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
32) Benzene-d6	5.33	84	889033	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
36) 1,2-Dichloropropane-d6	6.32	67	309886	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.56	98	766044	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%
43) trans-1,3-Dichloropropene-	7.85	79	140566	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.44%
47) 2-Hexanone-d5	8.32	63	335428	114.80	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	476601	55.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	305287	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

Target Compounds

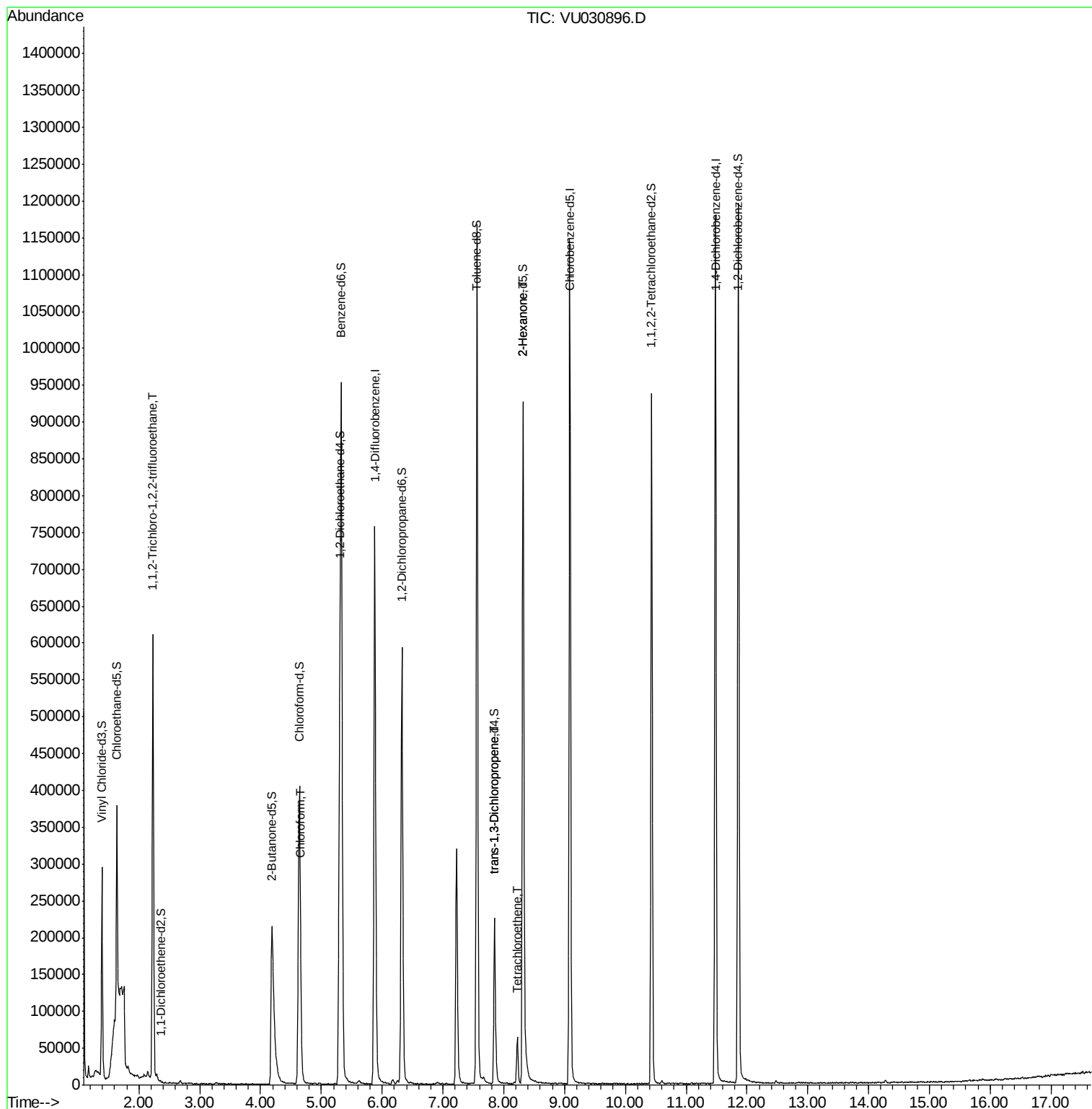
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	3069	0.676 ug/L #	22
25) Chloroform	4.67	83	26500	2.745 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	5932	0.799 ug/L #	79
46) Tetrachloroethene	8.22	164	14412	3.865 ug/L	97
48) 2-Hexanone	8.32	43	42833	5.766 ug/L #	73

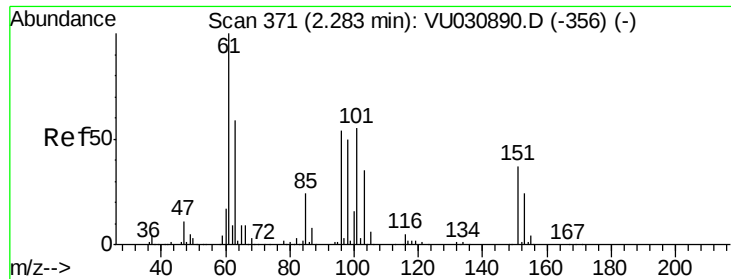
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.676 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

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Instrument :

MSVOA_U

ClientSampled :

BF144ME

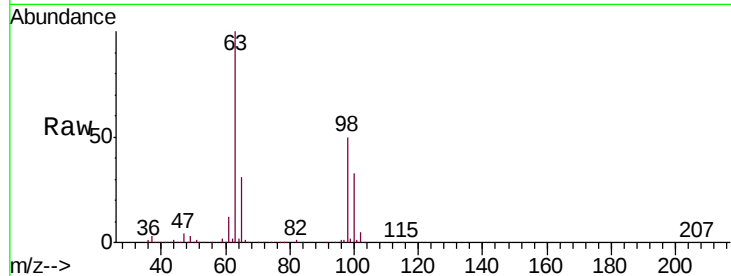
Tgt Ion:101 Resp: 3069

Ion Ratio Lower Upper

101 100

85 2.8 36.8 55.2#

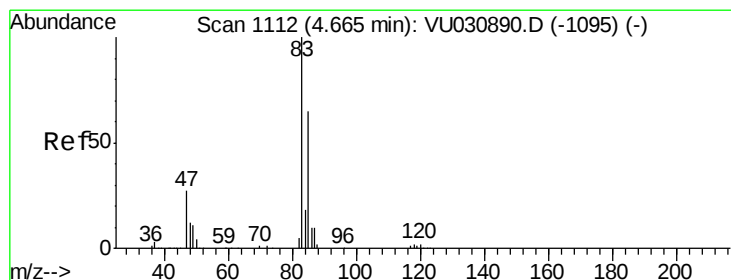
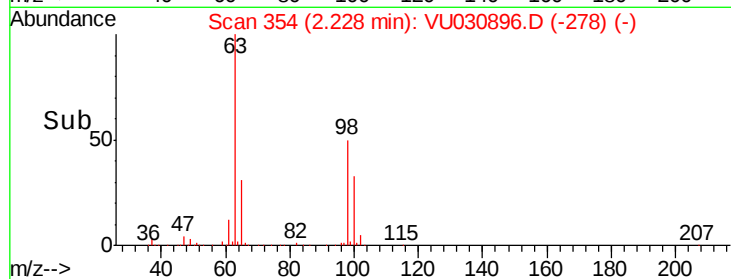
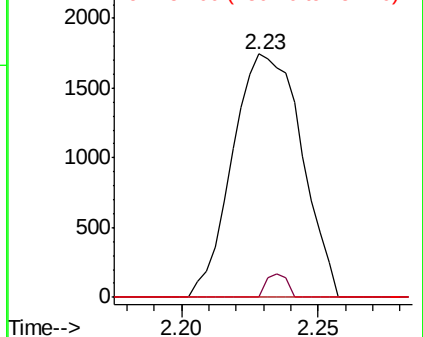
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 2.745 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

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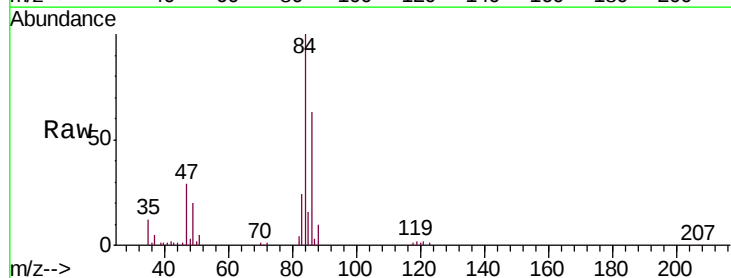
Acq: 08 Apr 2019 11:33

Tgt Ion: 83 Resp: 26500

Ion Ratio Lower Upper

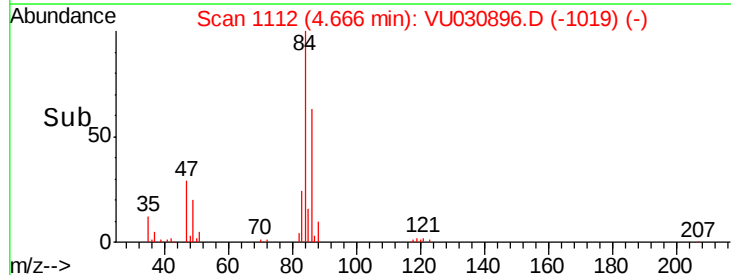
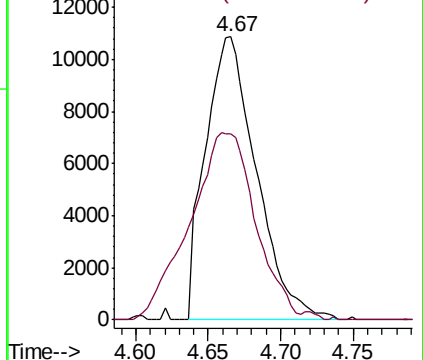
83 100

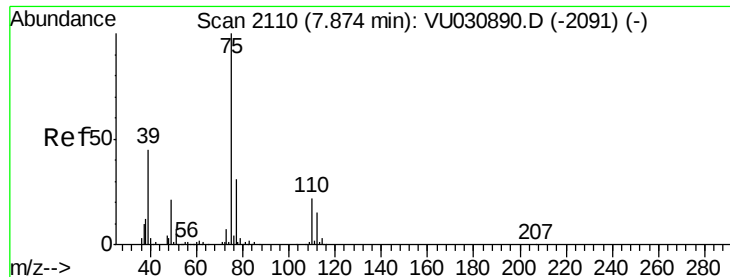
85 66.0 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.799 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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Instrument :

MSVOA_U

ClientSampleId :

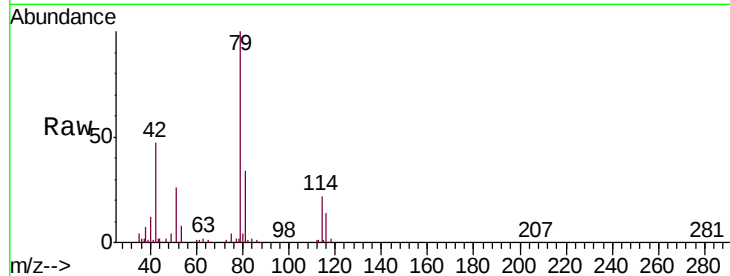
BF144ME

Tgt Ion: 75 Resp: 5932

Ion Ratio Lower Upper

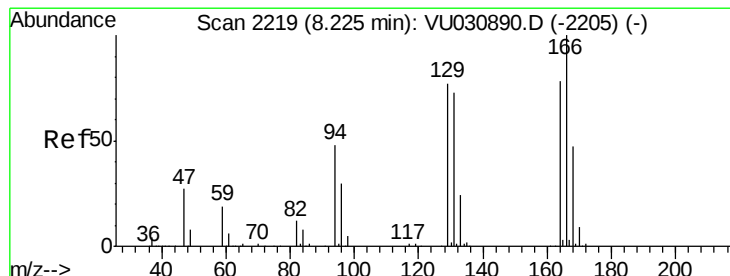
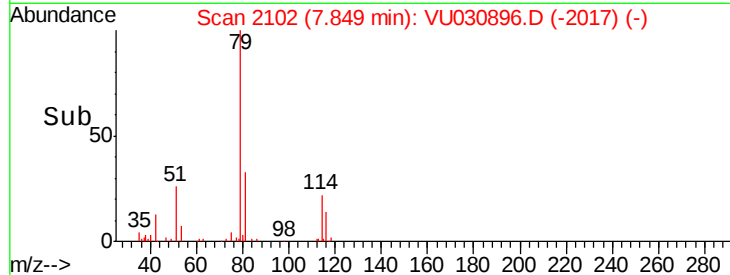
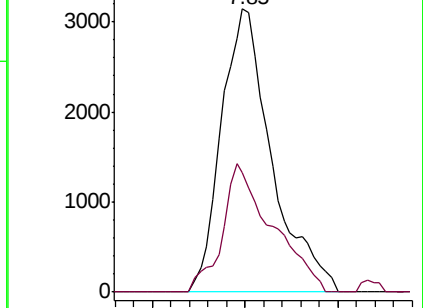
75 100

77 42.4 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU030890.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU030890.D (-2091) (-)



#46

Tetrachloroethene

Concen: 3.865 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030896.D

Acq: 08 Apr 2019 11:33

Tgt Ion: 164 Resp: 14412

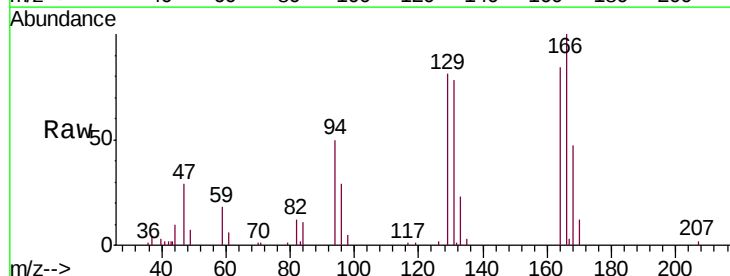
Ion Ratio Lower Upper

164 100

129 96.0 67.4 125.2

131 92.7 65.9 122.5

166 118.6 88.6 164.6

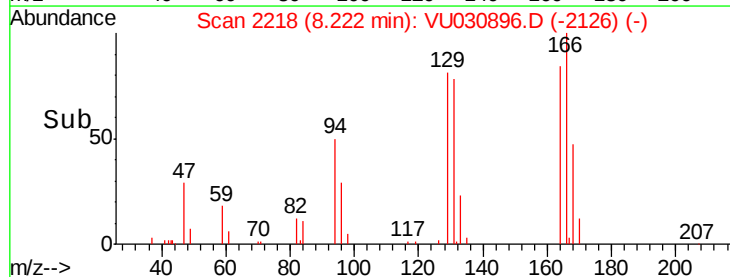
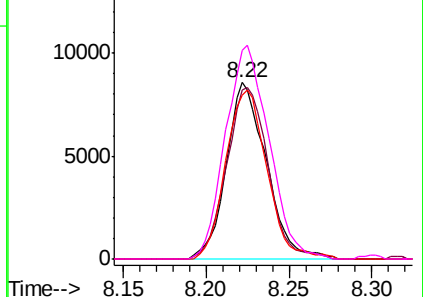


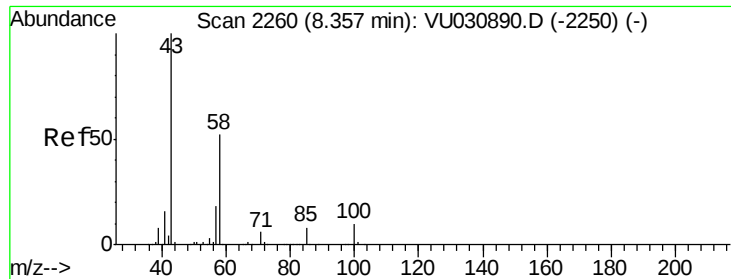
Abundance Ion 164.00 (163.70 to 164.70): VU030890.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU030890.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU030890.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU030890.D (-2205) (-)





#48

2-Hexanone

Concen: 5.766 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

Lab File: VU030896.D

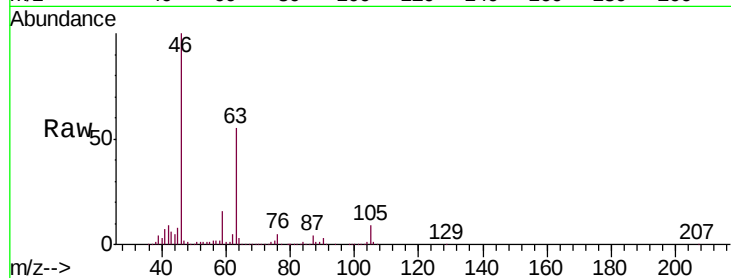
Acq: 08 Apr 2019 11:33

Instrument :

MSVOA_U

ClientSampleId :

BF144ME



Tgt Ion: 43 Resp: 42833

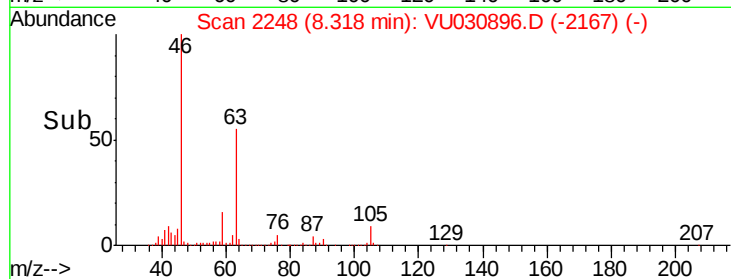
Ion Ratio Lower Upper

43 100

58 31.6 41.9 62.9#

57 28.3 14.3 21.5#

100 0.8 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

