

Data File : VU030900.D
Acq On : 08 Apr 2019 13:05
Operator : JC/SP
Sample : K2277-11ME
Misc : 5.92g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF174MERE

Quant Time: Apr 09 02:20:11 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	522121	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80569	17.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.58%#
7) Chloroethane-d5	1.64	69	58248	16.47	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.94%#
11) 1,1-Dichloroethene-d2	2.30	63	223	0.03	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.20	46	145761	39.46	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	39.46%#
24) Chloroform-d	4.64	84	142427	20.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	40.00%#
26) 1,2-Dichloroethane-d4	5.30	65	108139	22.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	44.52%#
32) Benzene-d6	5.33	84	294897	19.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	39.48%#
36) 1,2-Dichloropropane-d6	6.32	67	102386	20.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	40.00%#
41) Toluene-d8	7.56	98	243641	18.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	36.80%#
43) trans-1,3-Dichloropropene-	7.85	79	44805	19.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.40%#
47) 2-Hexanone-d5	8.32	63	95466	40.80	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	40.80%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156656	22.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	45.38%#
64) 1,2-Dichlorobenzene-d4	11.86	152	96966	21.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	42.64%#

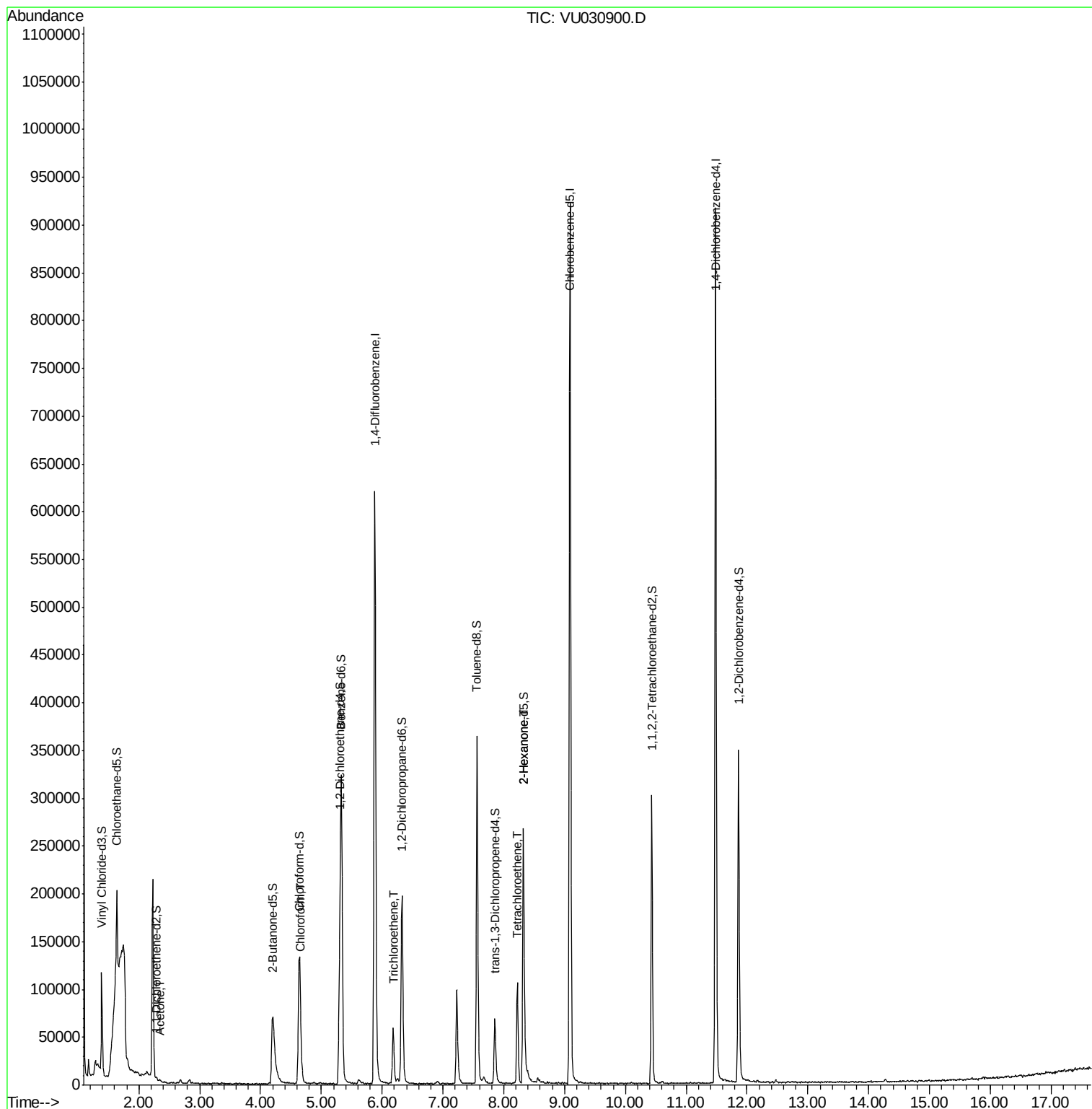
Target Compounds					Qvalue
13) Acetone	2.35	43	2082	0.551 ug/L	78
25) Chloroform	4.67	83	9151	1.151 ug/L	92
34) Trichloroethene	6.18	95	21102	5.138 ug/L	96
46) Tetrachloroethene	8.22	164	25142	8.421 ug/L	92
48) 2-Hexanone	8.32	43	12882	2.166 ug/L #	69

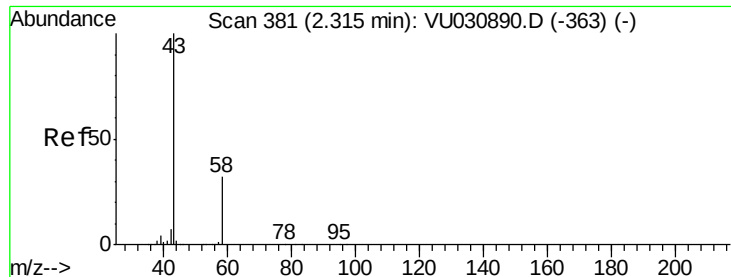
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.551 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.03 min

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Acq: 08 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

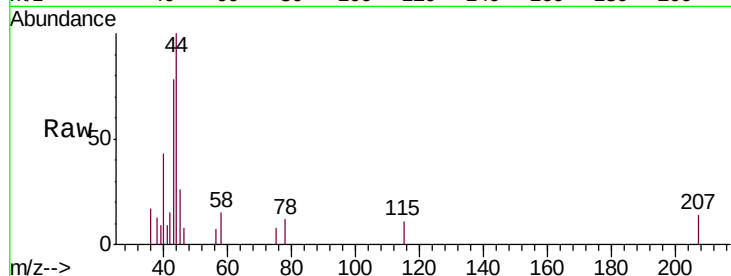
BF174MERE

Tgt Ion: 43 Resp: 2082

Ion Ratio Lower Upper

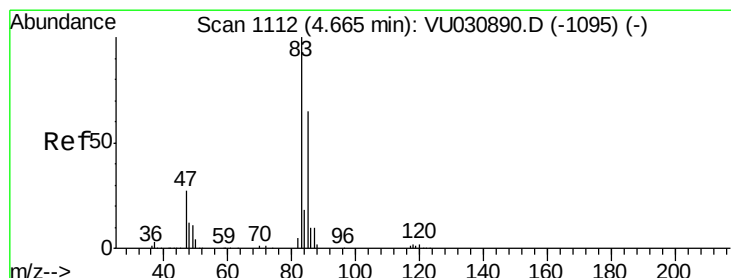
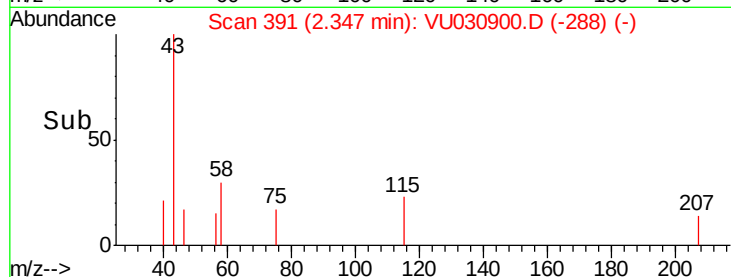
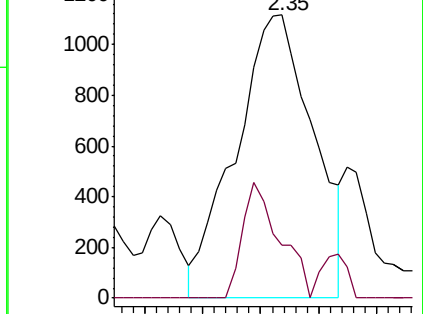
43 100

58 19.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030890.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030890.D (-363) (-)



#25

Chloroform

Concen: 1.151 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU030900.D

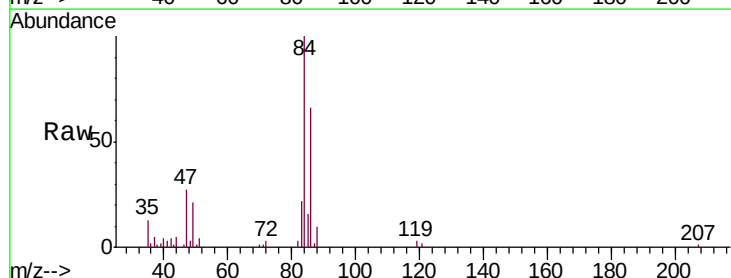
Acq: 08 Apr 2019 13:05

Tgt Ion: 83 Resp: 9151

Ion Ratio Lower Upper

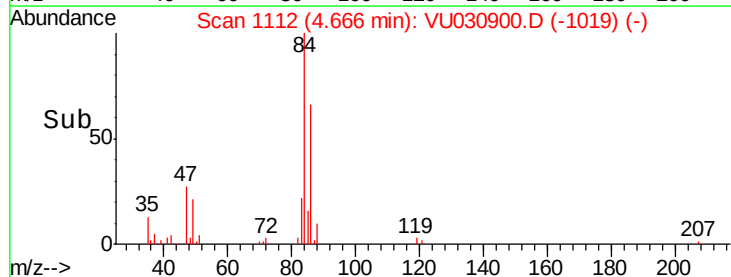
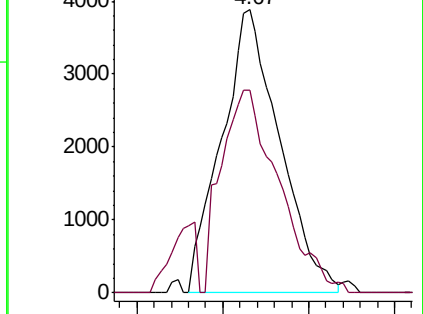
83 100

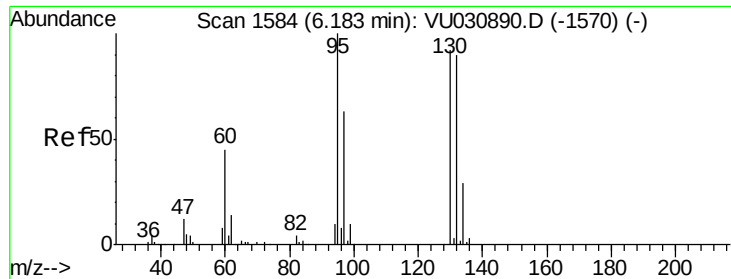
85 71.4 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030890.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU030890.D (-1095) (-)





#34

Trichloroethene

Concen: 5.138 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030900.D

Acq: 08 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

BF174MERE

Tgt Ion: 95 Resp: 21102

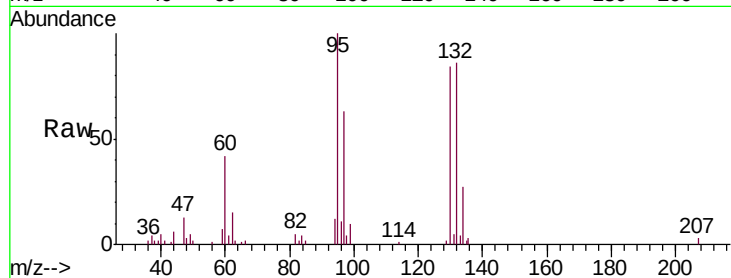
Ion Ratio Lower Upper

95 100

97 62.9 44.5 82.7

132 86.1 61.5 114.1

130 84.3 64.9 120.5

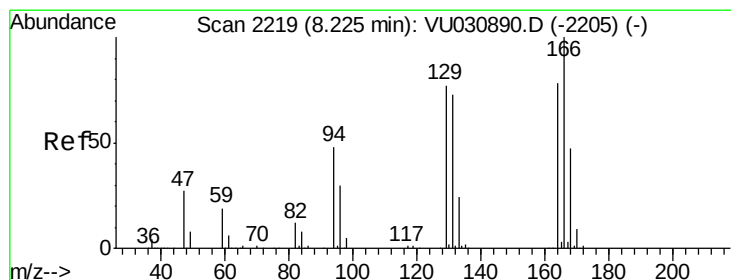
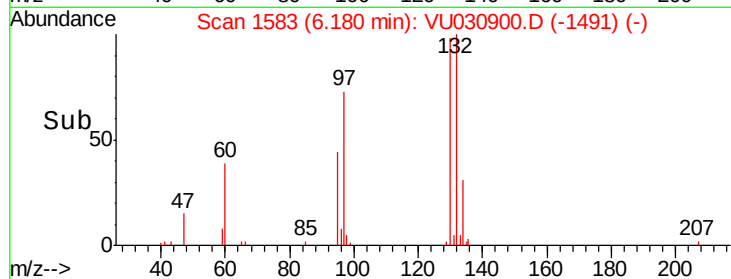
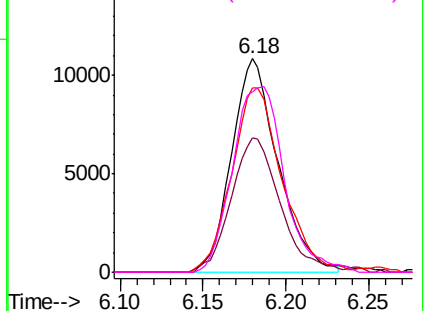


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 8.421 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030900.D

Acq: 08 Apr 2019 13:05

Tgt Ion: 164 Resp: 25142

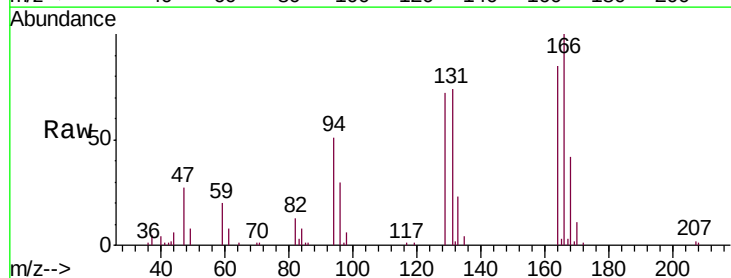
Ion Ratio Lower Upper

164 100

129 85.6 67.4 125.2

131 87.5 65.9 122.5

166 118.2 88.6 164.6

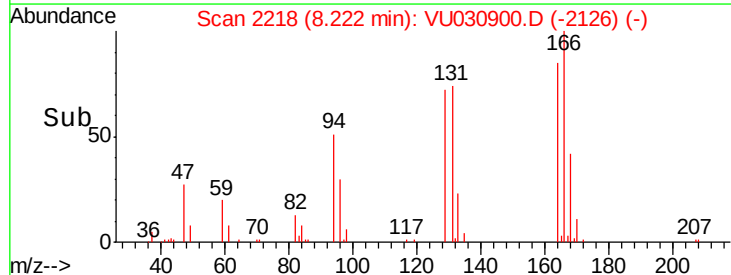
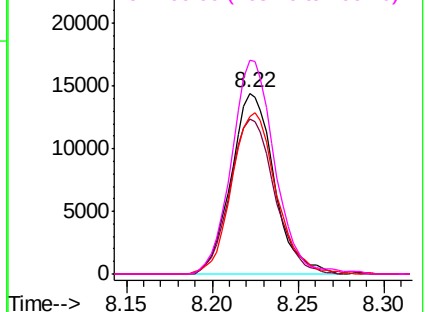


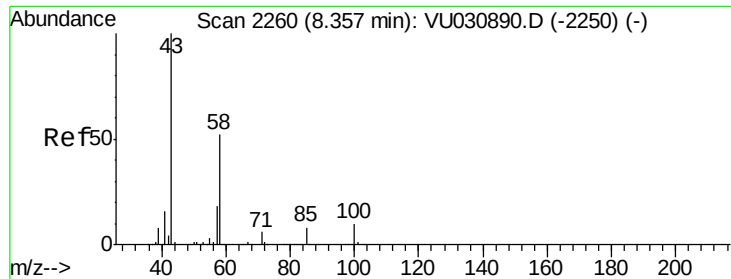
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48

2-Hexanone

Concen: 2.166 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

Lab File: VU030900.D

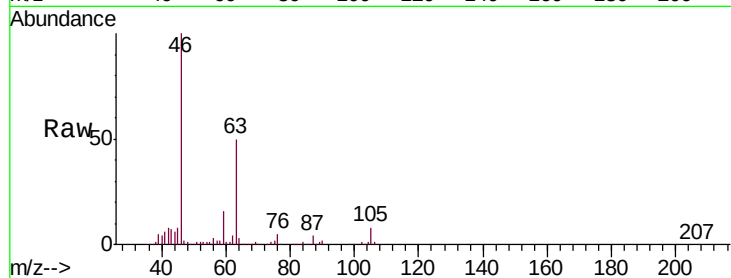
Acq: 08 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

BF174MERE



Tgt Ion: 43 Resp: 12882

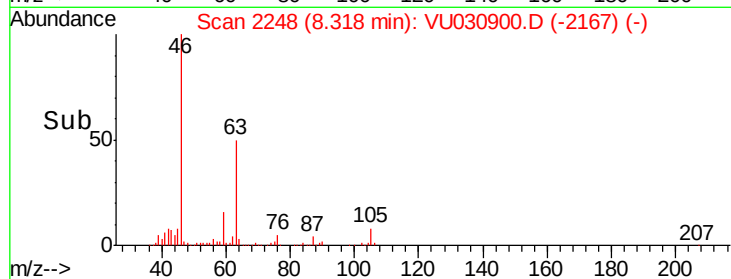
Ion Ratio Lower Upper

43 100

58 31.7 41.9 62.9#

57 35.8 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

