

Data File : VU030897.D
Acq On : 08 Apr 2019 11:56
Operator : JC/SP
Sample : K2215-09ME
Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2N0ME

Quant Time: Apr 09 02:19:35 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	509227	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510093	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	172279	37.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.80%
7) Chloroethane-d5	1.70	69	592	0.17	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.34%#
11) 1,1-Dichloroethene-d2	2.23	63	285319	34.70	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	4.19	46	351670	97.61	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.61%
24) Chloroform-d	4.64	84	333850	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	5.30	65	244099	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
32) Benzene-d6	5.33	84	699760	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.32	67	245129	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.06%
41) Toluene-d8	7.56	98	598222	45.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.64%
43) trans-1,3-Dichloropropene-	7.85	79	108296	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.32	63	253077	108.50	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	372168	54.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	229444	50.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.84%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	2542	0.697 ug/L #	21
12) 1,1-Dichloroethene	2.23	96	2147	0.610 ug/L #	1
25) Chloroform	4.67	83	18084	2.333 ug/L	88
39) cis-1,3-Dichloropropene	7.22	75	6193	0.921 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	4626	0.780 ug/L	93
46) Tetrachloroethene	8.22	164	15704	5.276 ug/L	93
48) 2-Hexanone	8.32	43	33667	5.677 ug/L #	70

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

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BF2N0ME

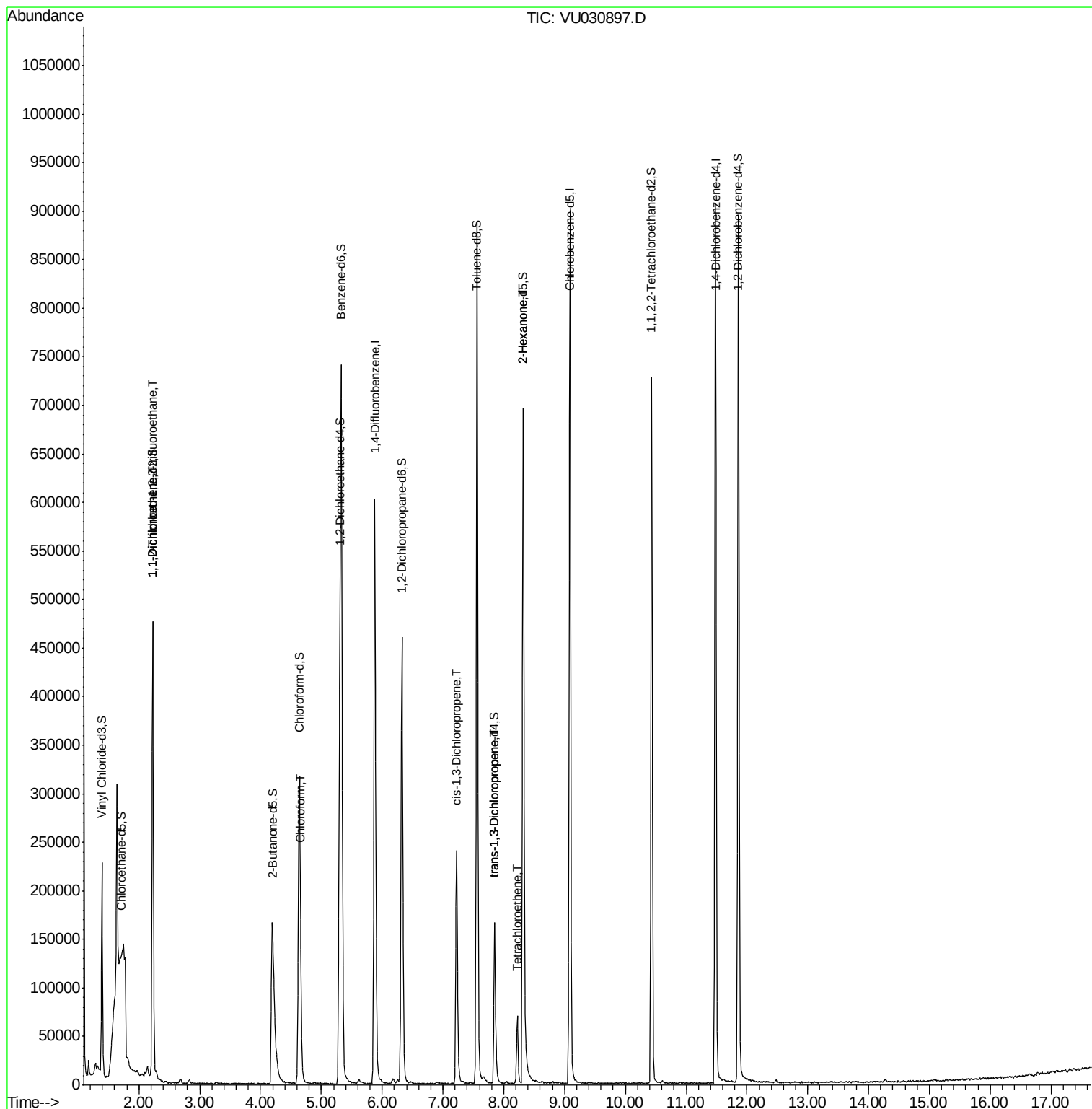
Quant Time: Apr 09 02:19:35 2019

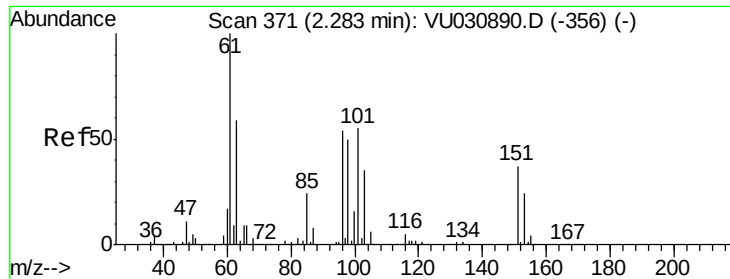
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 09 02:16:31 2019

Response via : Initial Calibration





#10

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

Concen: 0.697 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU030897.D

Acq: 08 Apr 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

BF2N0ME

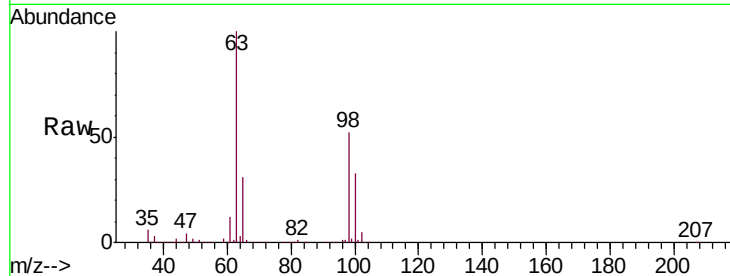
Tgt Ion:101 Resp: 2542

Ion Ratio Lower Upper

101 100

85 1.7 36.8 55.2#

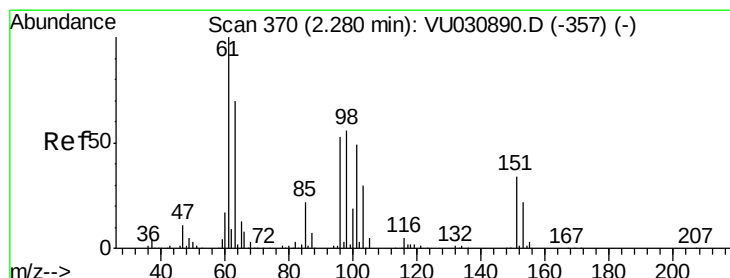
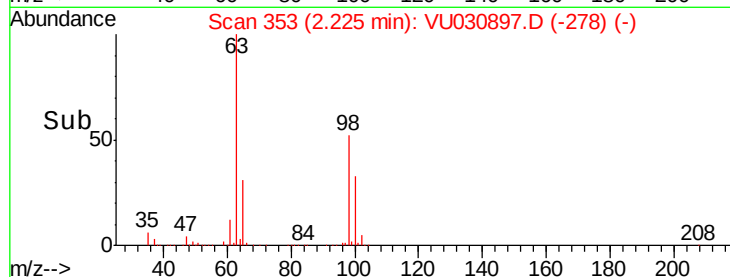
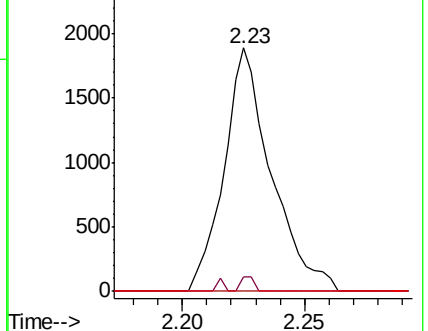
151 0.0 57.4 86.0#



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



#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.05 min

Lab File: VU030897.D

Acq: 08 Apr 2019 11:56

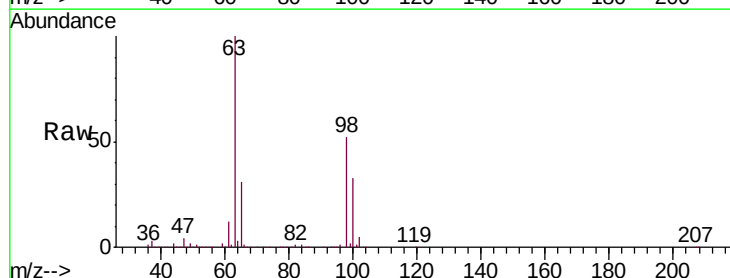
Tgt Ion: 96 Resp: 2147

Ion Ratio Lower Upper

96 100

61 1507.2 132.0 245.2#

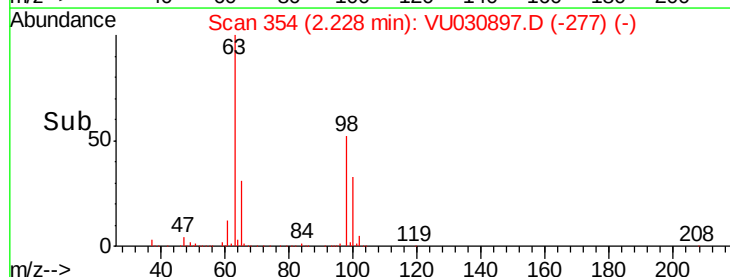
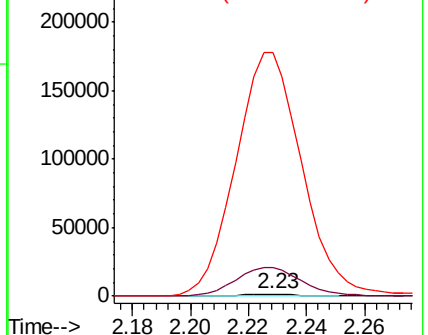
63 12892.8 90.9 168.9#

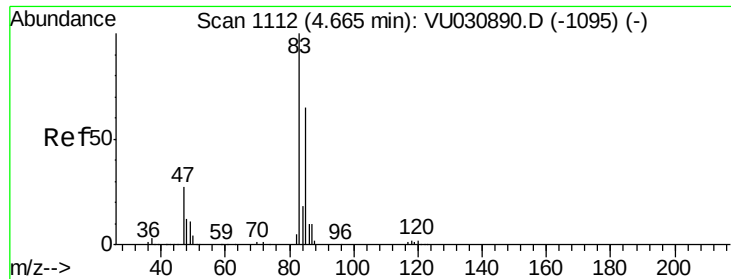


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

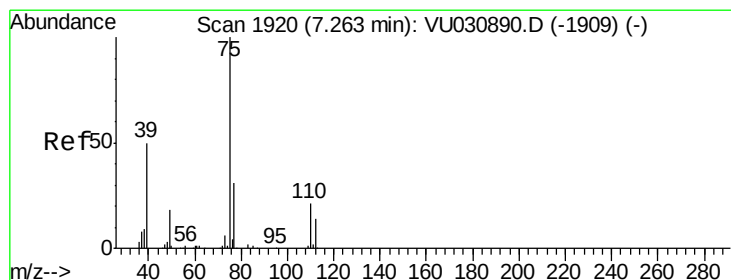
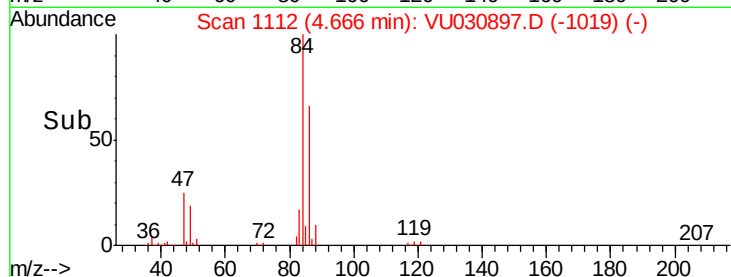
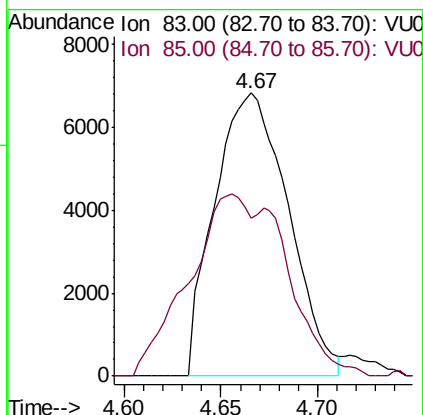
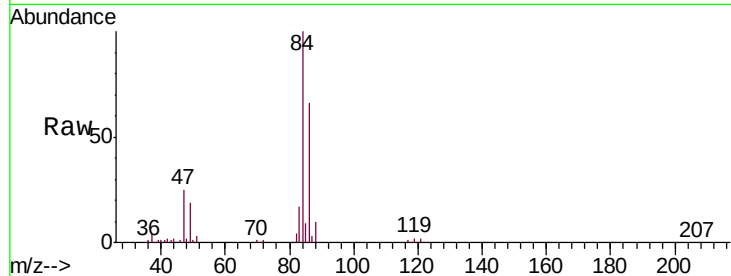




#25
Chloroform
Concen: 2.333 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU030897.D
Acq: 08 Apr 2019 11:56

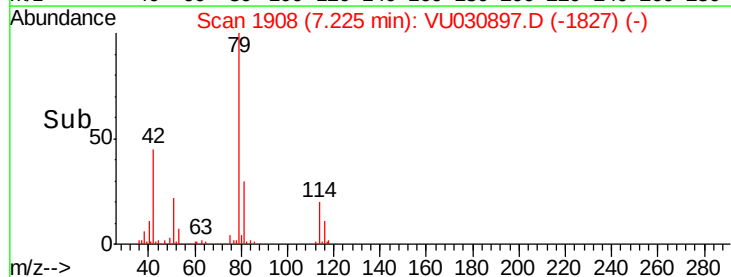
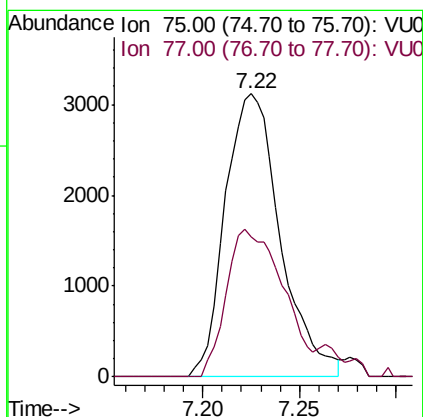
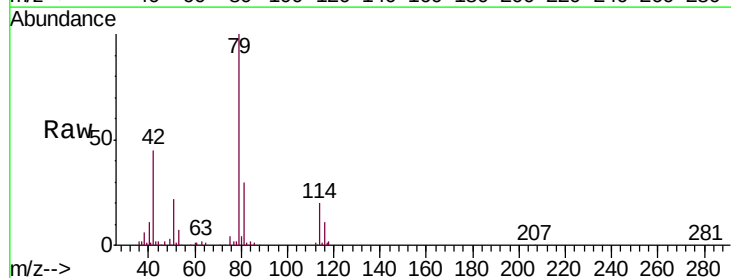
Instrument :
MSVOA_U
ClientSampleId :
BF2N0ME

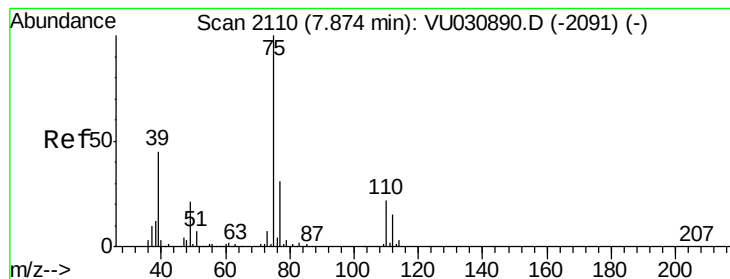
Tgt Ion: 83 Resp: 18084
Ion Ratio Lower Upper
83 100
85 55.7 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030897.D
Acq: 08 Apr 2019 11:56

Tgt Ion: 75 Resp: 6193
Ion Ratio Lower Upper
75 100
77 49.4 23.1 42.9#





#44

trans-1,3-Dichloropropene

Concen: 0.780 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030897.D

Acq: 08 Apr 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

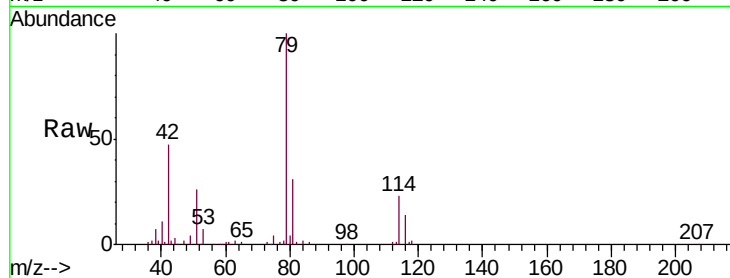
BF2N0ME

Tgt Ion: 75 Resp: 4626

Ion Ratio Lower Upper

75 100

77 34.6 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU030897.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU030897.D (-2102) (-)

7.85

2500

2000

1500

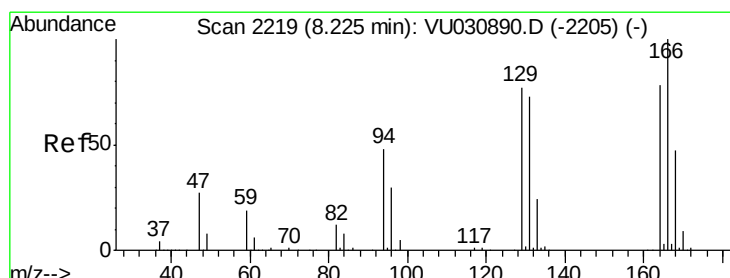
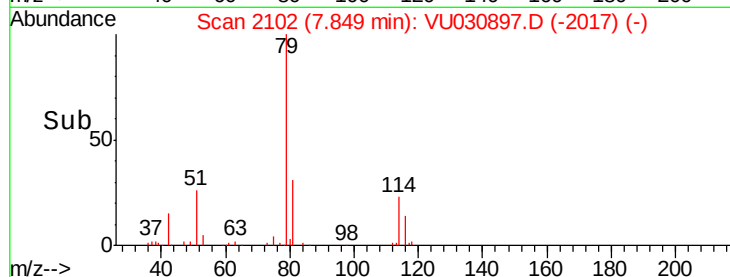
1000

500

0

Time-->

7.80 7.85 7.90



#46

Tetrachloroethene

Concen: 5.276 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030897.D

Acq: 08 Apr 2019 11:56

Tgt Ion: 164 Resp: 15704

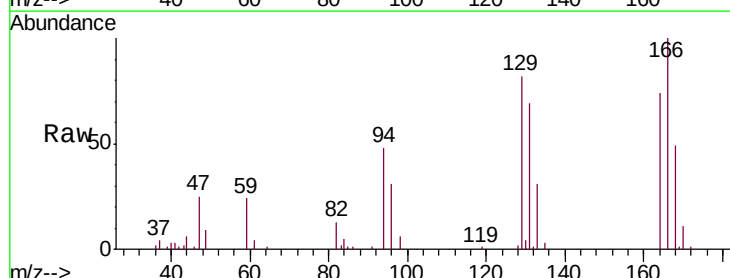
Ion Ratio Lower Upper

164 100

129 110.3 67.4 125.2

131 93.1 65.9 122.5

166 134.6 88.6 164.6



Abundance Ion 164.00 (163.70 to 164.70): VU030897.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU030897.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU030897.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU030897.D (-2219) (-)

15000

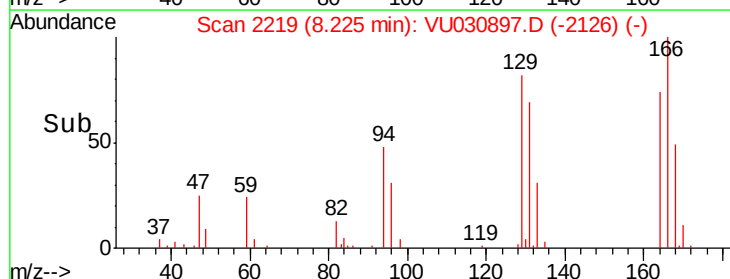
10000

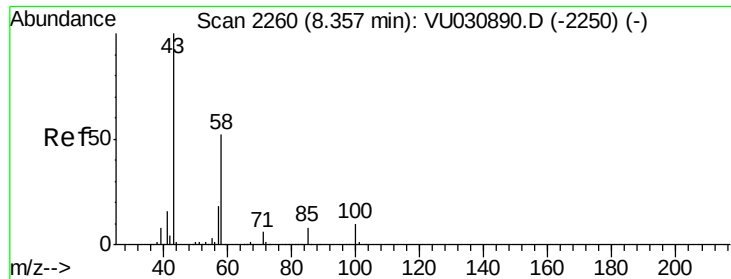
5000

0

Time-->

8.15 8.20 8.25 8.30





#48

2-Hexanone

Concen: 5.677 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU030897.D

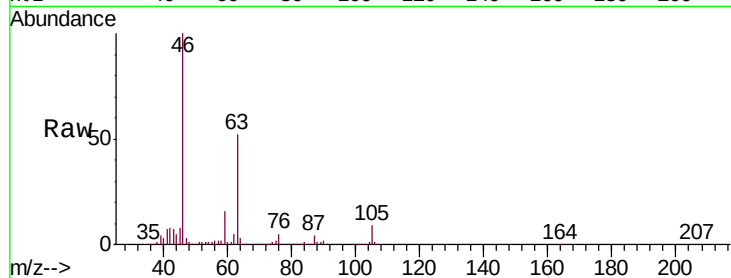
Acq: 08 Apr 2019 11:56

Instrument :

MSVOA_U

ClientSampleId :

BF2N0ME



Tgt Ion: 43 Resp: 33667

Ion Ratio Lower Upper

43 100

58 30.1 41.9 62.9#

57 29.9 14.3 21.5#

100 0.2 7.1 10.7#

