

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031087.D
 Acq On : 11 Apr 2019 22:20
 Operator : JC/SP
 Sample : K2340-20ME
 Misc : 5.82g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2T2ME

Quant Time: Apr 12 04:51:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466080	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	477604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221493	50.00	ug/L	0.00

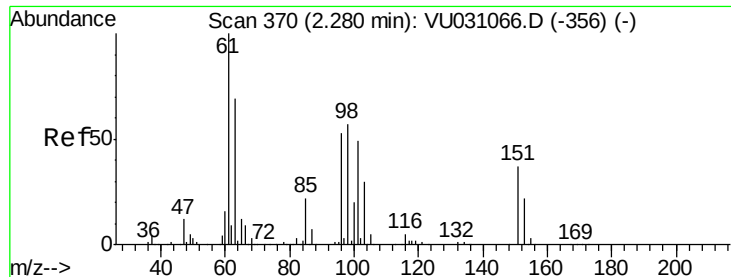
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151033	36.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.60%
7) Chloroethane-d5	1.69	69	61	0.02	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.04%#
11) 1,1-Dichloroethene-d2	2.23	63	240446	31.95	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.90%
21) 2-Butanone-d5	4.19	46	344632	104.51	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.51%
24) Chloroform-d	4.64	84	305203	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.30	65	219379	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.33	84	617166	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.32	67	218462	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.44%
41) Toluene-d8	7.56	98	520545	42.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.24%
43) trans-1,3-Dichloropropene-	7.85	79	97421	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.32	63	246211	112.74	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	350579	54.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	226314	51.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.90%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	2129	0.638 ug/L #	20
12) 1,1-Dichloroethene	2.24	96	1953	0.606 ug/L #	1
13) Acetone	2.34	43	1943	0.576 ug/L	69
25) Chloroform	4.66	83	18916	2.666 ug/L	80
39) cis-1,3-Dichloropropene	7.22	75	5500	0.873 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3944	0.710 ug/L	92
46) Tetrachloroethene	8.22	164	18389	6.598 ug/L	95
48) 2-Hexanone	8.32	43	29055	5.233 ug/L #	43

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



#10

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

Concen: 0.638 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU031087.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

BF2T2ME

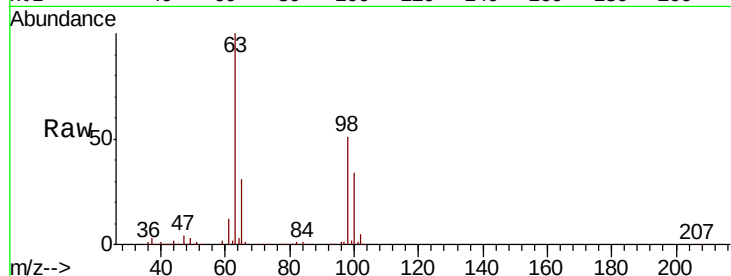
Tot Ion:101 Resp: 2129

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

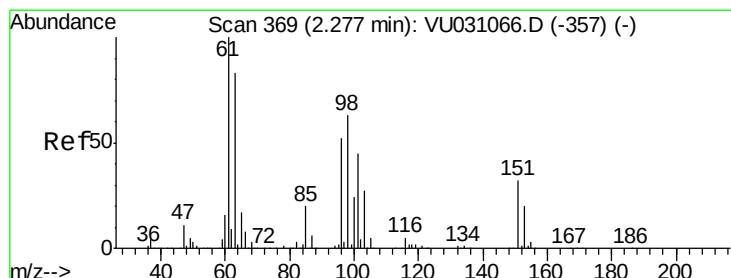
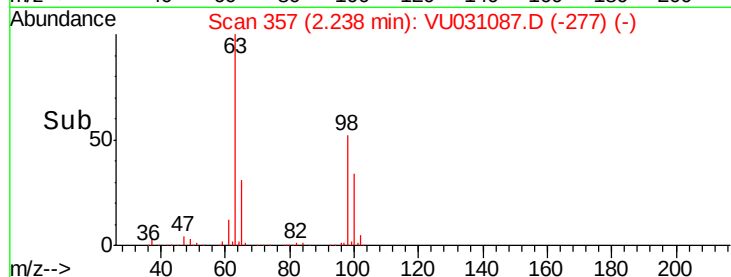
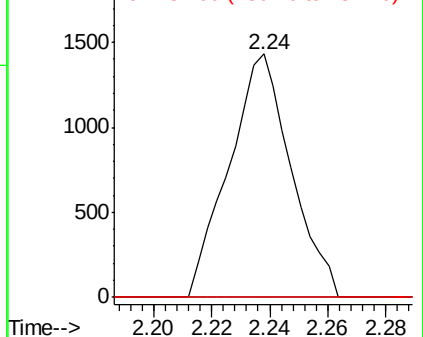
151 0.0 57.4 86.0#



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: 0.606 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.04 min

Lab File: VU031087.D

Acq: 11 Apr 2019 22:20

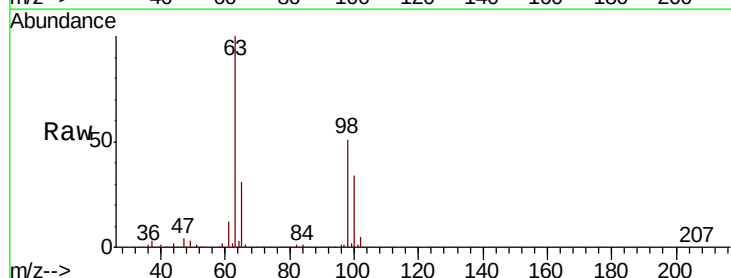
Tgt Ion: 96 Resp: 1953

Ion Ratio Lower Upper

96 100

61 1270.4 132.0 245.2#

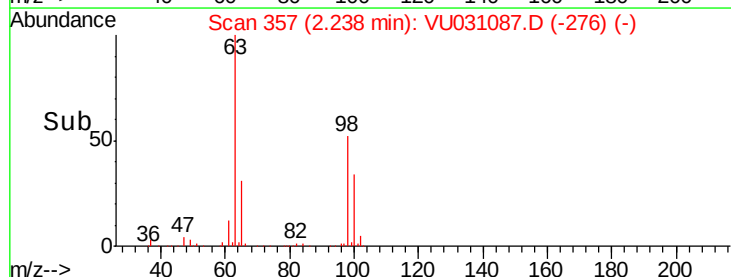
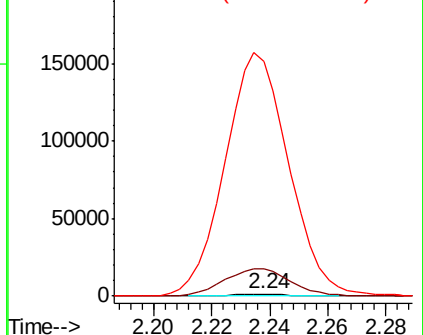
63 10916.0 90.9 168.9#

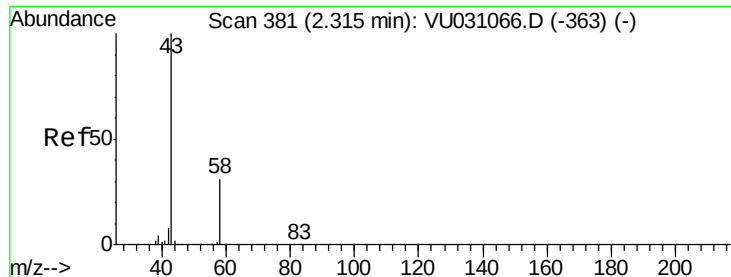


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.576 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU031087.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

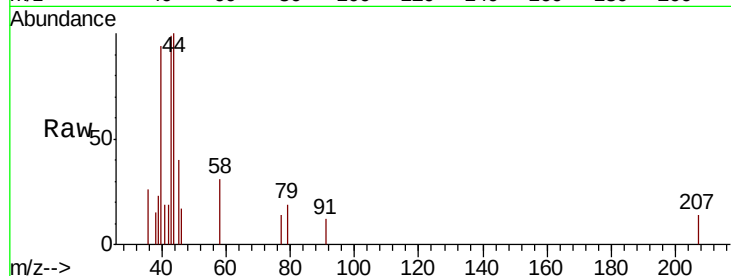
BF2T2ME

Tot Ion: 43 Resp: 1943

Ion Ratio Lower Upper

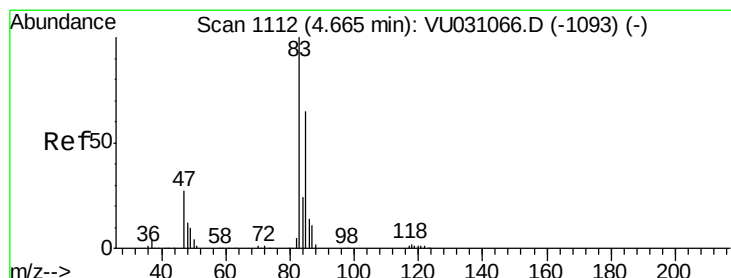
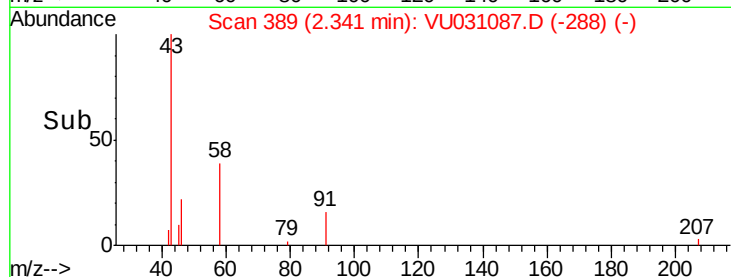
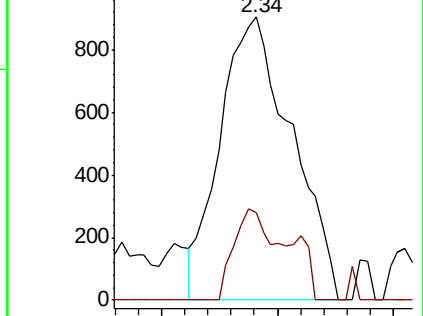
43 100

58 14.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031066.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031066.D (-363) (-)



#25

Chloroform

Concen: 2.666 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU031087.D

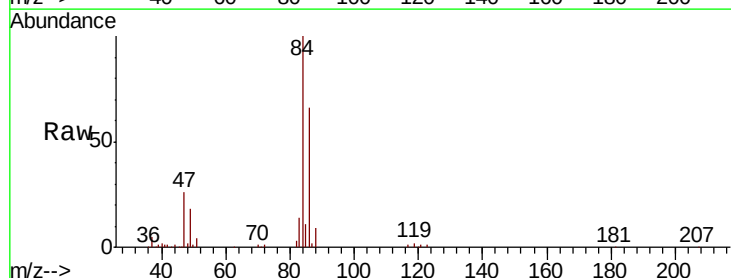
Acq: 11 Apr 2019 22:20

Tgt Ion: 83 Resp: 18916

Ion Ratio Lower Upper

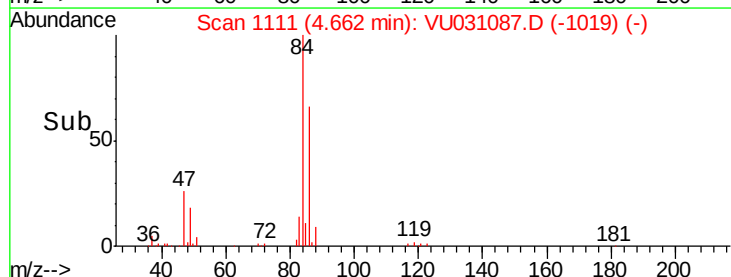
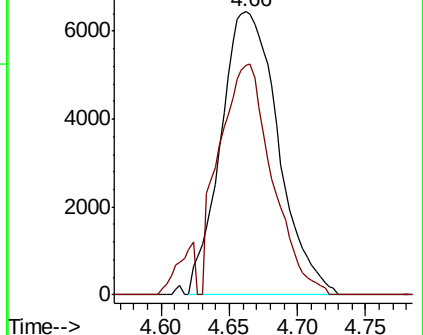
83 100

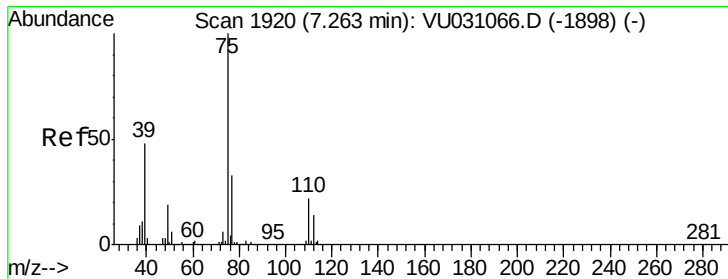
85 81.1 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031066.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031066.D (-1093) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.873 ug/L

RT: 7.22 min Scan# 1906

Delta R.T. -0.05 min

Lab File: VU031087.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

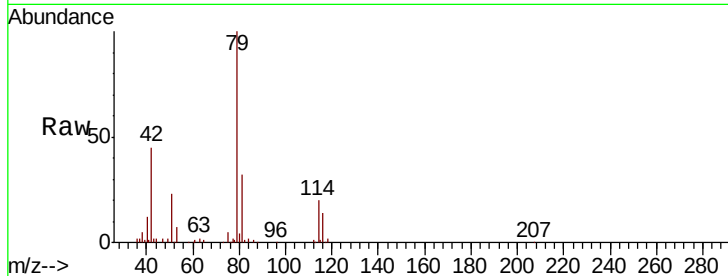
BF2T2ME

Tot Ion: 75 Resp: 5500

Ion Ratio Lower Upper

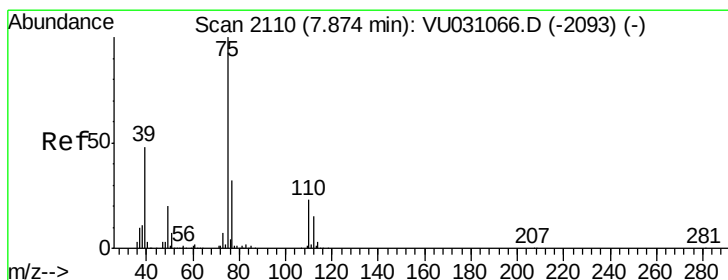
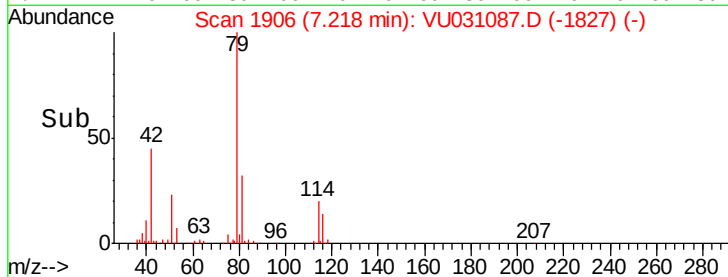
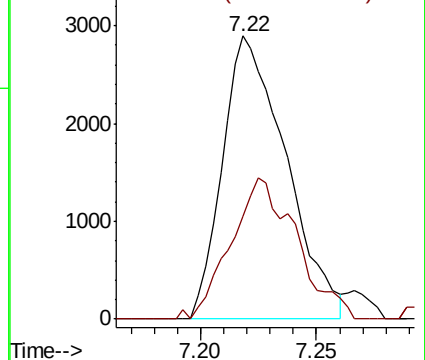
75 100

77 36.3 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU031066.D (-1898) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.710 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031087.D

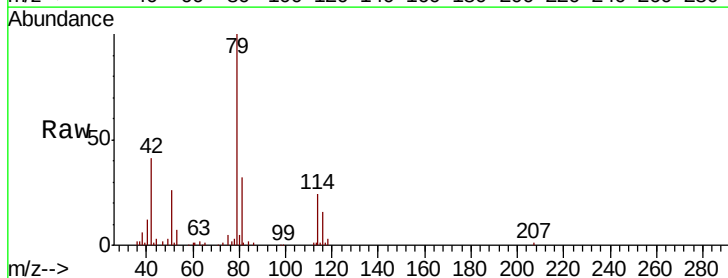
Acq: 11 Apr 2019 22:20

Tgt Ion: 75 Resp: 3944

Ion Ratio Lower Upper

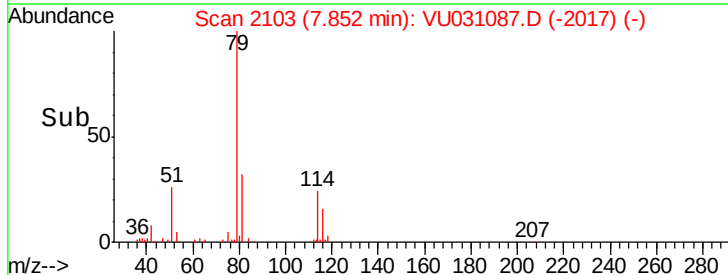
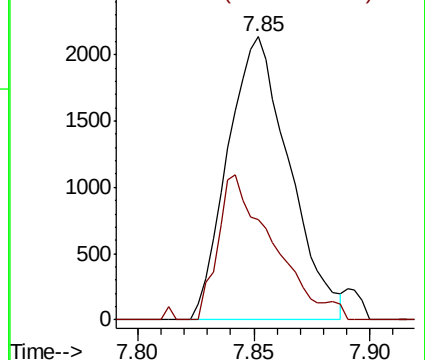
75 100

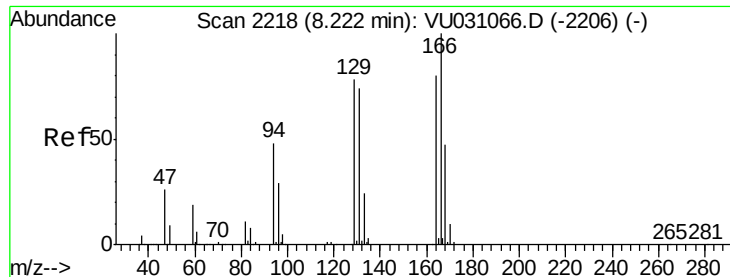
77 35.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU031066.D (-2093) (-)





#46

Tetrachloroethene

Concen: 6.598 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031087.D

Acq: 11 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

BF2T2ME

Tot Ion:164 Resp: 18389

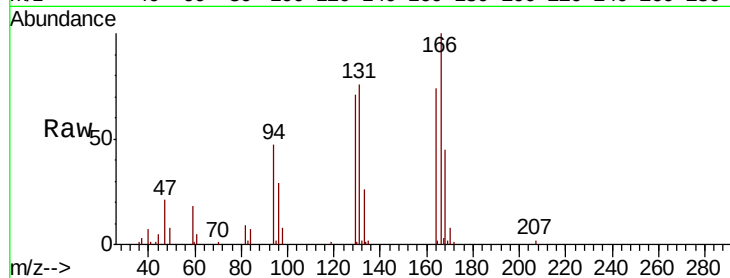
Ion Ratio Lower Upper

164 100

129 96.0 67.4 125.2

131 101.8 65.9 122.5

166 134.7 88.6 164.6

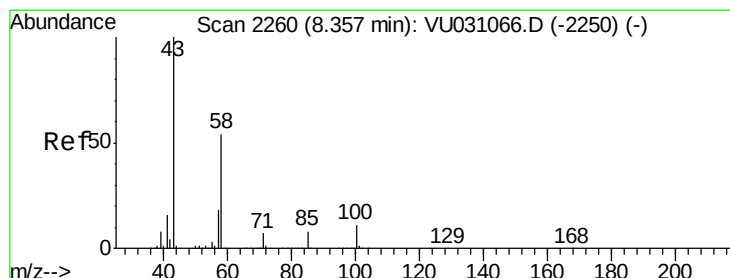
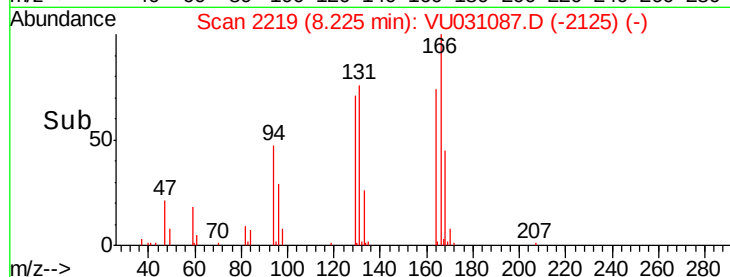
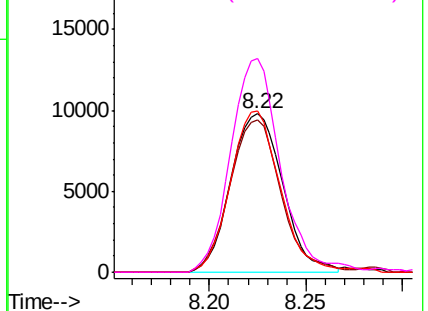


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.233 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

Lab File: VU031087.D

Acq: 11 Apr 2019 22:20

Tgt Ion: 43 Resp: 29055

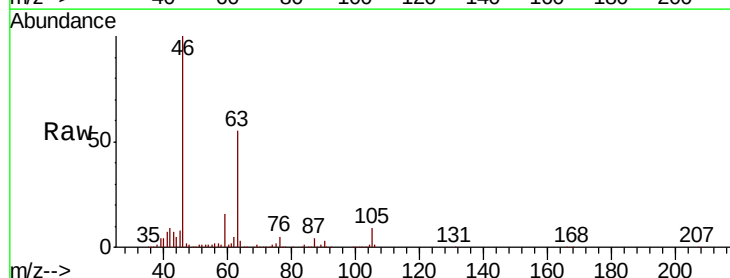
Ion Ratio Lower Upper

43 100

58 0.0 41.9 62.9#

57 28.6 14.3 21.5#

100 0.6 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

