

Data File : VU031687.D
Acq On : 01 May 2019 16:16
Operator : JC/SP
Sample : K2602-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: May 02 02:28:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	795621	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	782381	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	351279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	365678	54.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.84%
7) Chloroethane-d5	1.80	69	297	0.06	ug/L	0.12
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.12%#
11) 1,1-Dichloroethene-d2	2.27	63	518544	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.20%
21) 2-Butanone-d5	4.19	46	700972	116.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.19%
24) Chloroform-d	4.64	84	563531	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.31	65	387990	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.34	84	1204308	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
36) 1,2-Dichloropropane-d6	6.33	67	417210	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.56	98	1038722	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%
43) trans-1,3-Dichloropropene-	7.85	79	181406	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.00%
47) 2-Hexanone-d5	8.31	63	425615	116.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	559092	49.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	375260	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

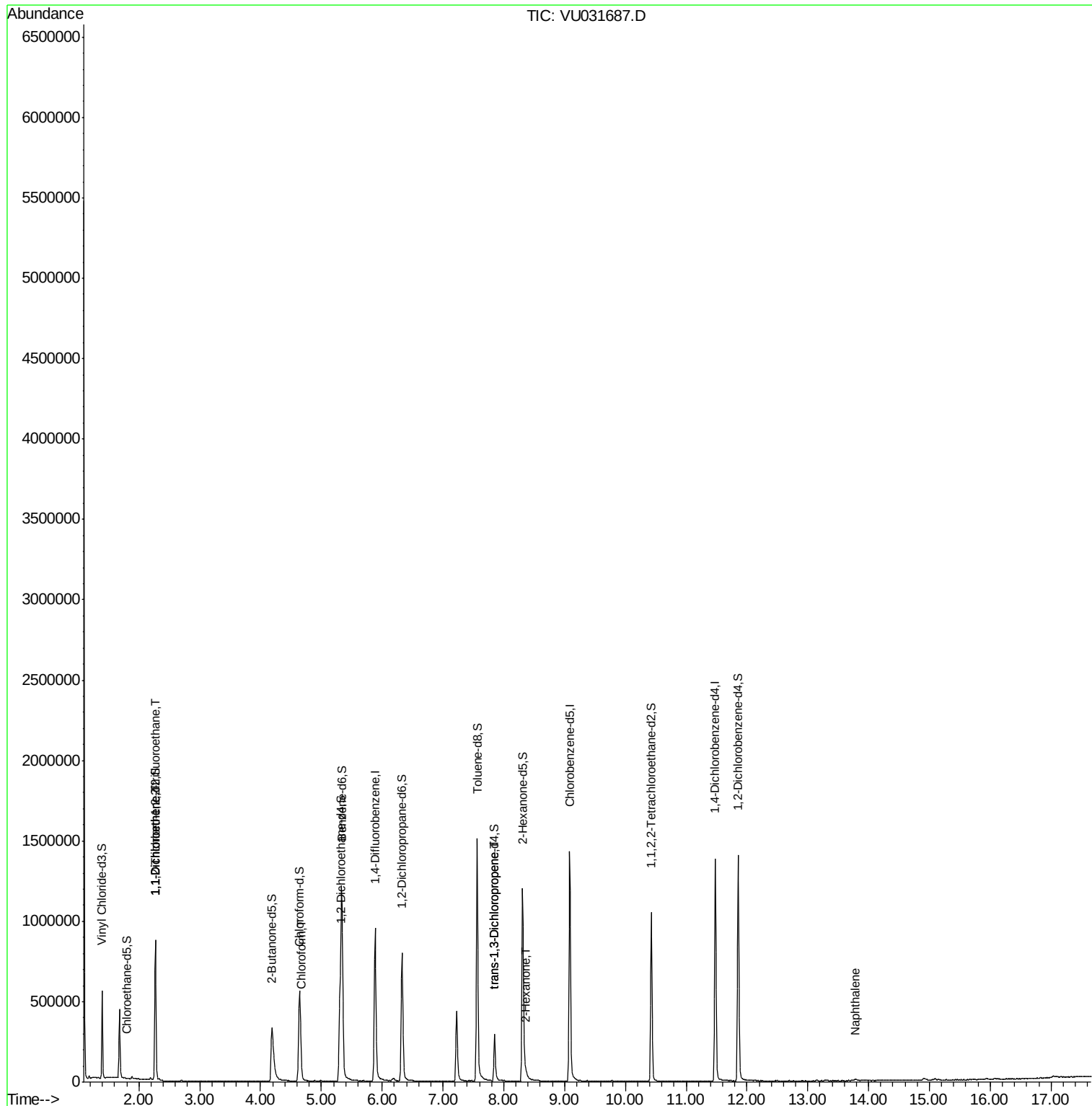
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4125	0.647	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3972	0.640	ug/L #	1
25) Chloroform	4.67	83	22788	1.749	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	7351	0.751	ug/L	87
48) 2-Hexanone	8.37	43	19291	1.898	ug/L #	40
69) Naphthalene	13.78	128	10518	0.447	ug/L #	79

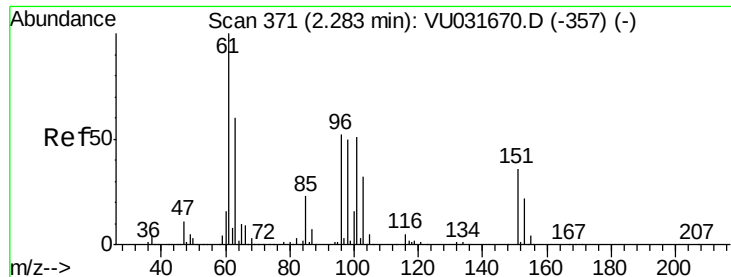
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





#10

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

Concen: 0.647 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

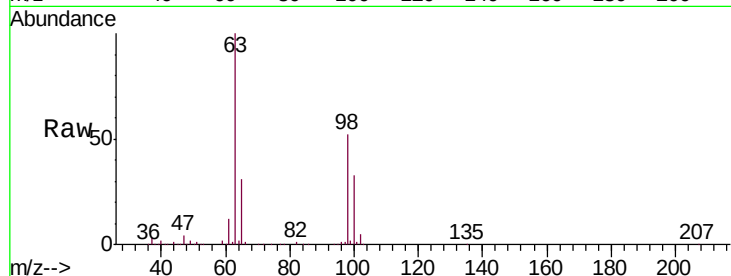
Tgt Ion: 101 Resp: 4125

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

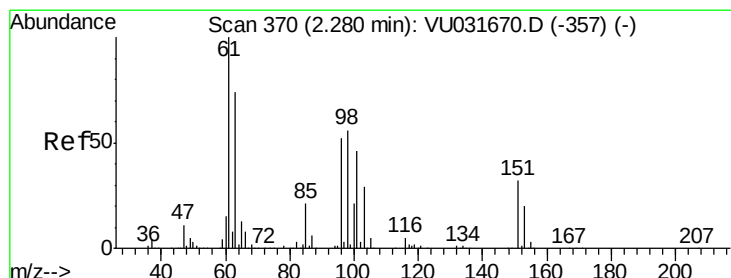
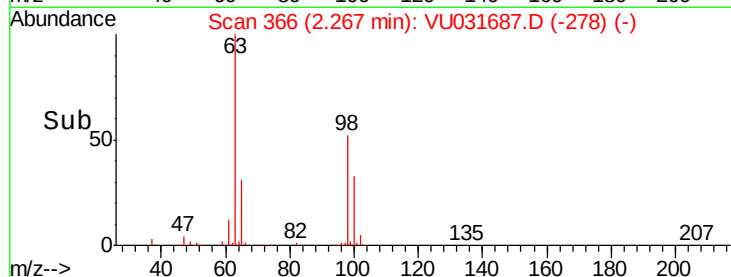
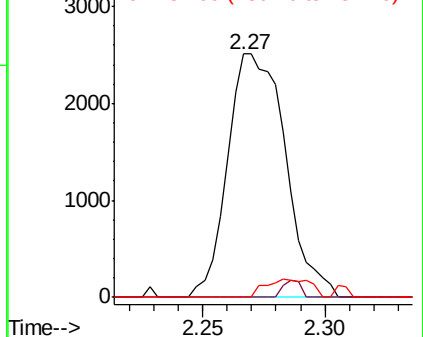
151 1.2 56.1 84.1#



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: 0.640 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 01 May 2019 16:16

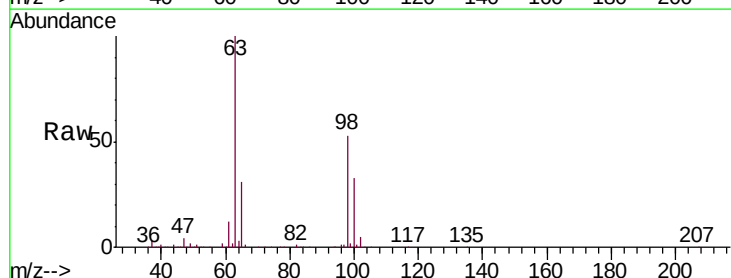
Tgt Ion: 96 Resp: 3972

Ion Ratio Lower Upper

96 100

61 1787.2 135.0 250.6#

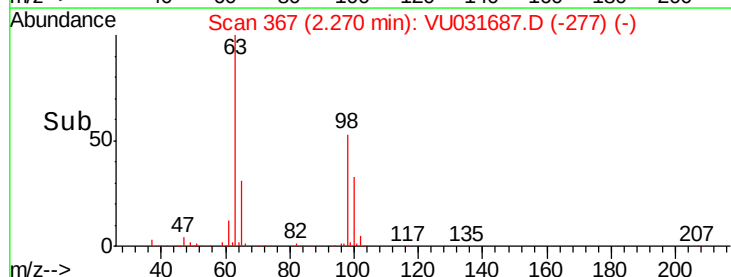
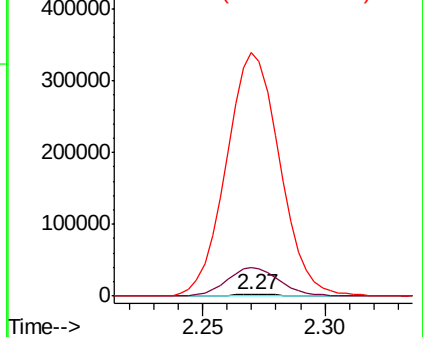
63 15295.9 103.5 192.3#

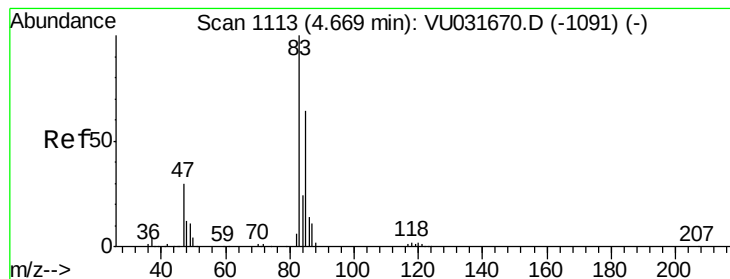


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 1.749 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

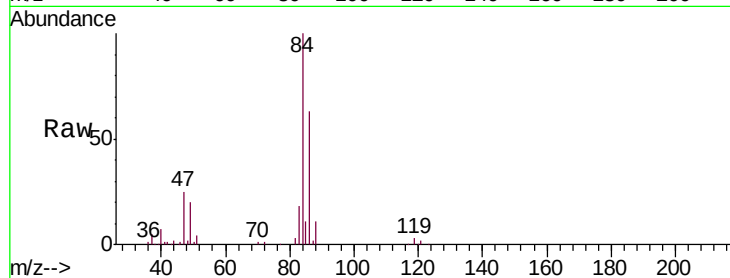
VHBLK02

Tgt Ion: 83 Resp: 22788

Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.3



Abundance Ion 83.00 (82.70 to 83.70): VU031670.D (-1091) (-)

Ion 85.00 (84.70 to 85.70): VU031687.D (-1020) (-)

4.67

10000

8000

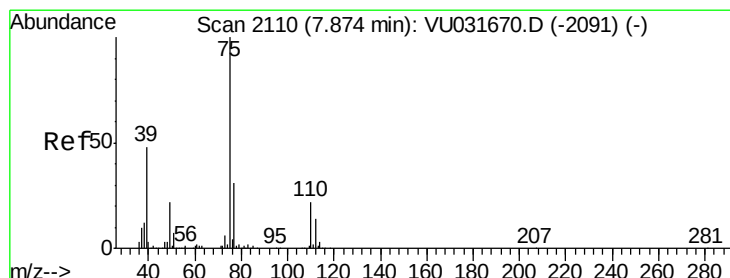
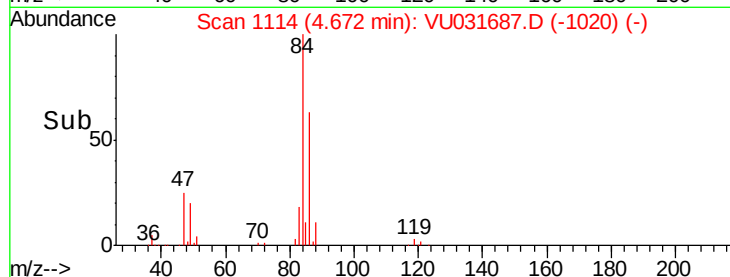
6000

4000

2000

0

Time--> 4.60 4.65 4.70 4.75



#44

trans-1,3-Dichloropropene

Concen: 0.751 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031687.D

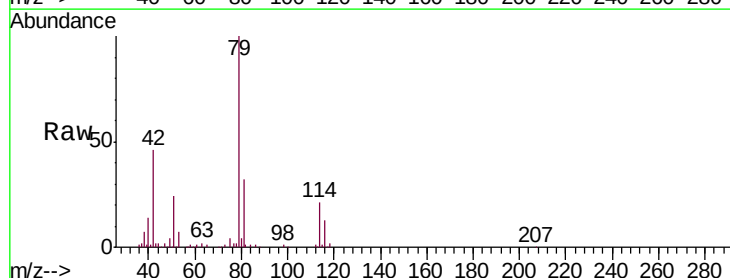
Acq: 01 May 2019 16:16

Tgt Ion: 75 Resp: 7351

Ion Ratio Lower Upper

75 100

77 38.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031670.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031687.D (-2102) (-)

7.85

4000

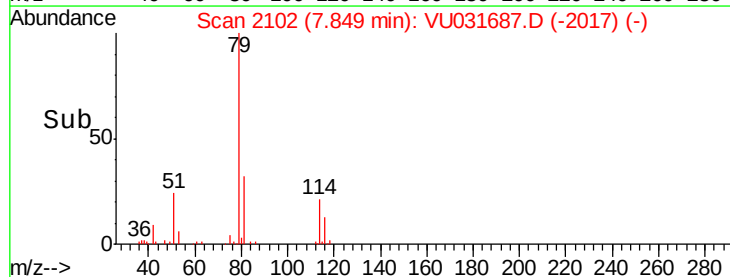
3000

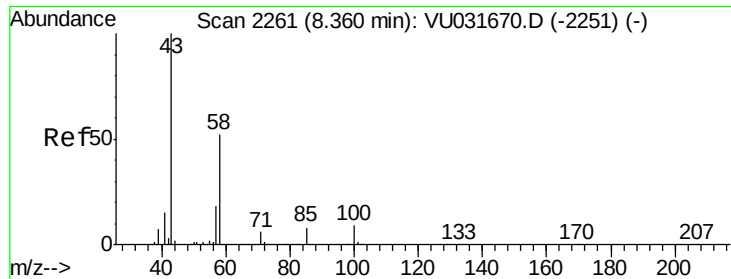
2000

1000

0

Time--> 7.80 7.85 7.90

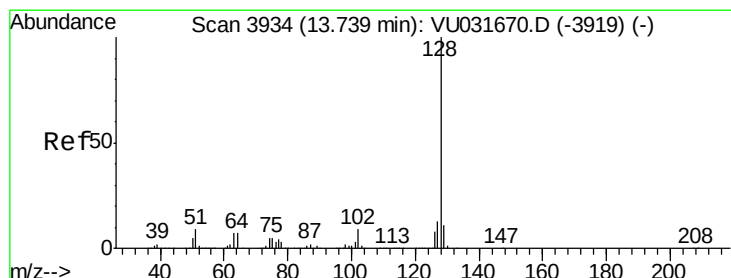
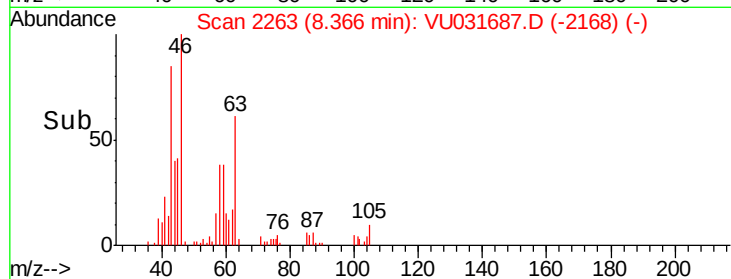
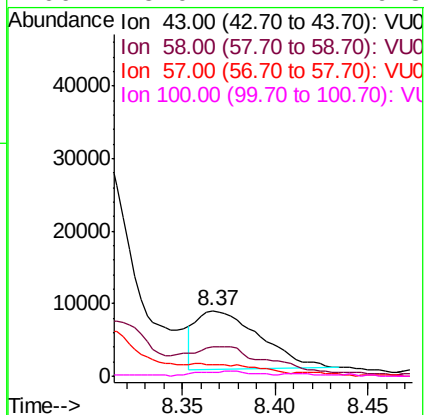
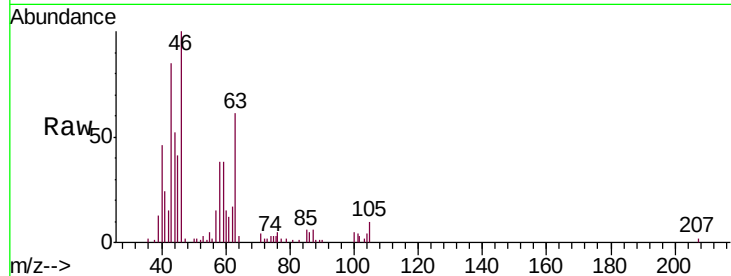




#48
2-Hexanone
Concen: 1.898 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031687.D
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VHBLK02

Tgt Ion:	43	Resp:	19291
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	0.0	14.6	22.0#
100	5.0	7.2	10.8#



#69
Naphthalene
Concen: 0.447 ug/L
RT: 13.78 min Scan# 3947
Delta R.T. 0.04 min
Lab File: VU031687.D
Acq: 01 May 2019 16:16

Tgt Ion:	128	Resp:	10518
Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.6	15.8#
129	3.8	8.7	13.1#

