

Data File : VU030105.D
Acq On : 15 Mar 2019 12:54
Operator : JC/SP
Sample : K1936-20 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B5

Quant Time: Mar 16 00:06:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	493574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110803	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.88%
7) Chloroethane-d5	1.68	69	105597	40.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.14%
11) 1,1-Dichloroethene-d2	2.27	63	172988	29.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.72%#
21) 2-Butanone-d5	4.17	46	279065	114.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.09%
24) Chloroform-d	4.65	84	283713	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.31	65	173617	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
32) Benzene-d6	5.34	84	584209	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
36) 1,2-Dichloropropane-d6	6.33	67	192091	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.56	98	533031	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.85	79	87894	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.68%
47) 2-Hexanone-d5	8.31	63	225377	106.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302449	51.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	233512	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%

Target Compounds

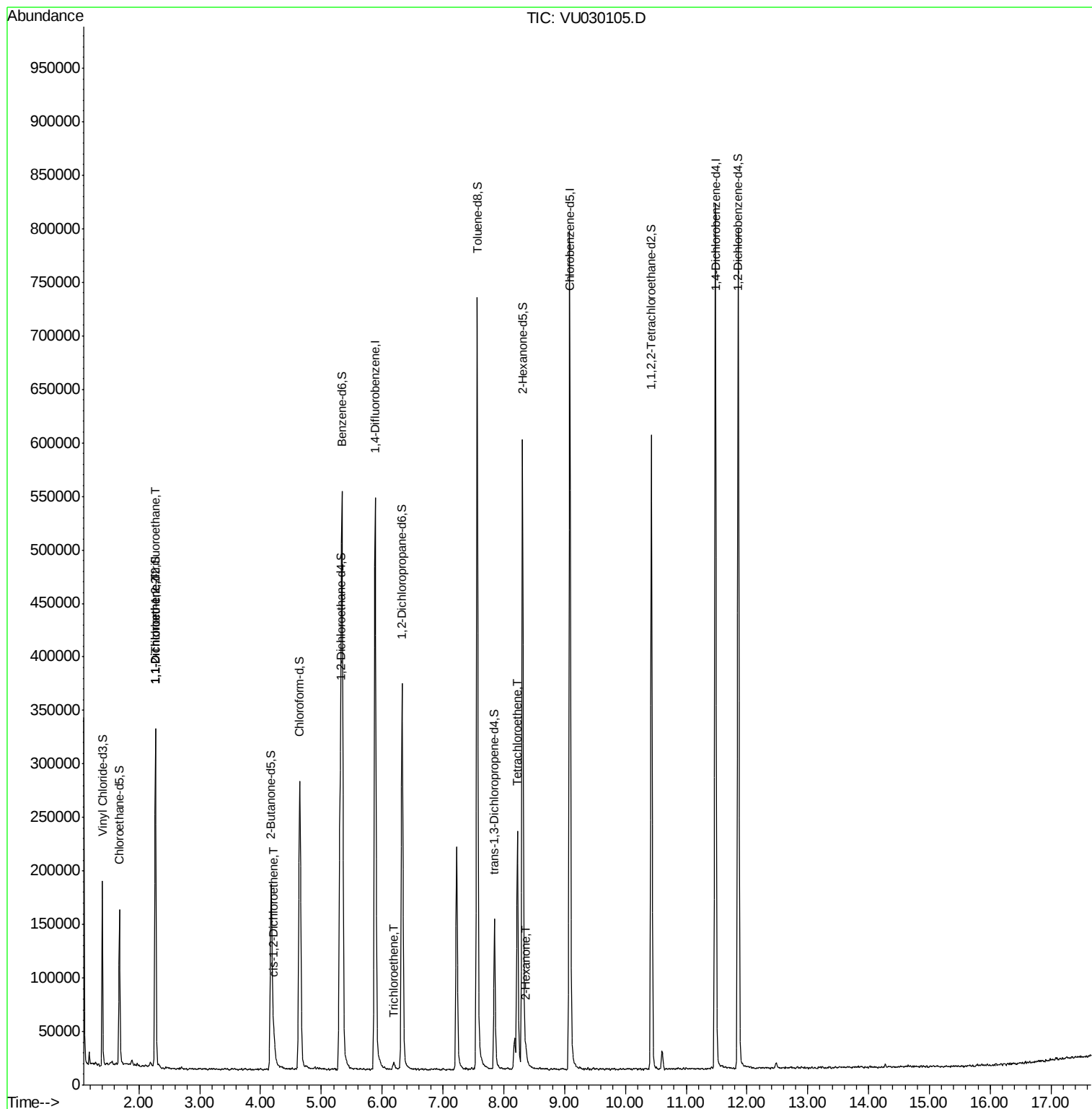
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1983	0.612 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1839	0.594 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	9184	2.395 ug/L	92
34) Trichloroethene	6.19	95	2208	0.612 ug/L	93
46) Tetrachloroethene	8.22	164	56358	17.837 ug/L	97
48) 2-Hexanone	8.37	43	4382	1.050 ug/L #	88

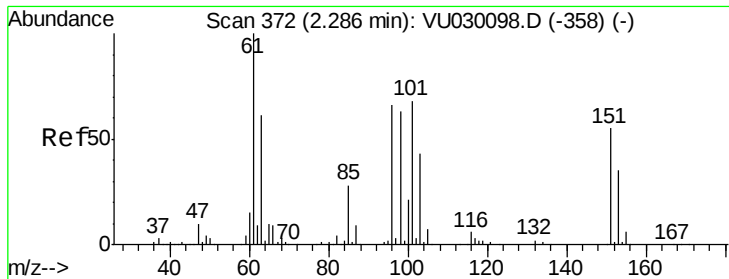
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.612 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

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Acq: 15 Mar 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

BF1B5

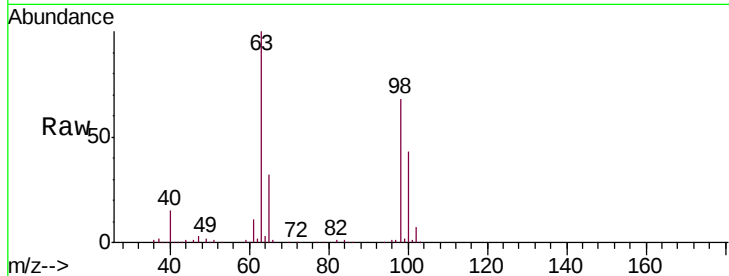
Tgt Ion: 101 Resp: 1983

Ion Ratio Lower Upper

101 100

85 4.7 33.0 49.4#

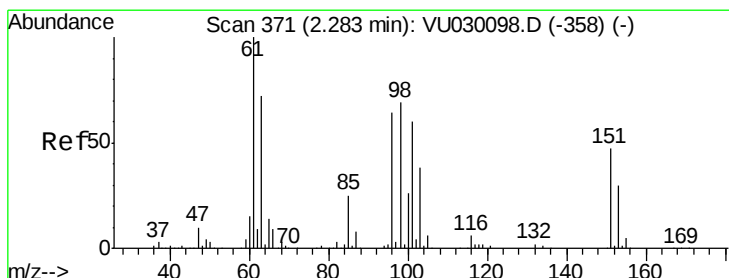
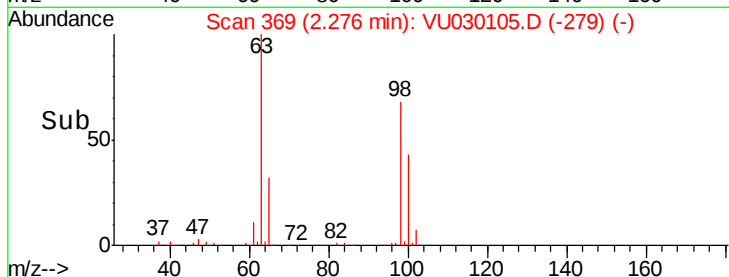
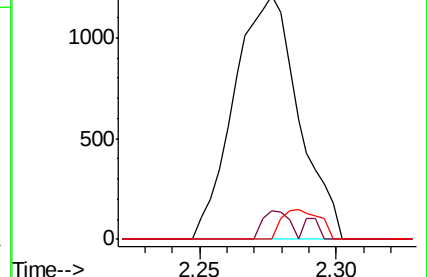
151 0.0 66.1 99.1#



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: 0.594 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030105.D

Acq: 15 Mar 2019 12:54

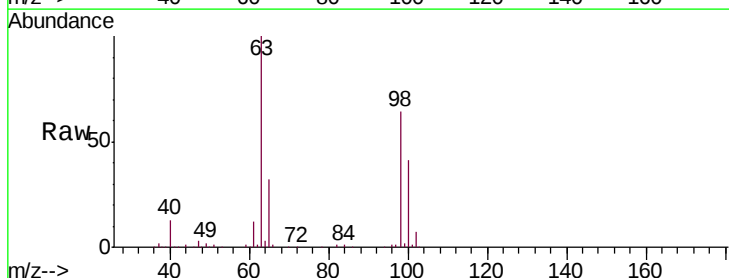
Tgt Ion: 96 Resp: 1839

Ion Ratio Lower Upper

96 100

61 1051.2 110.4 205.0#

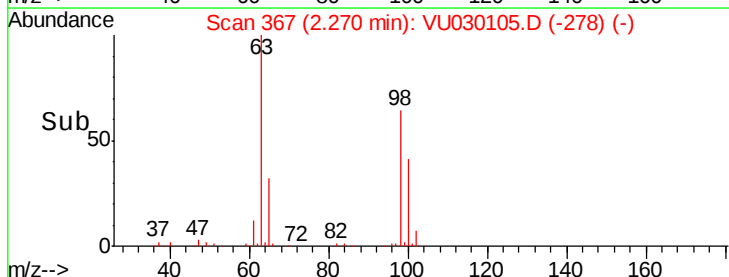
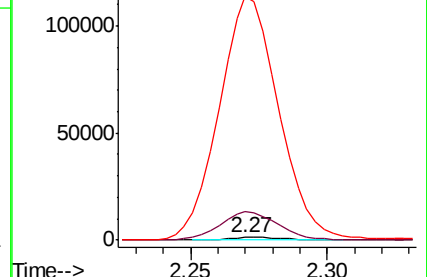
63 9119.5 86.5 160.7#

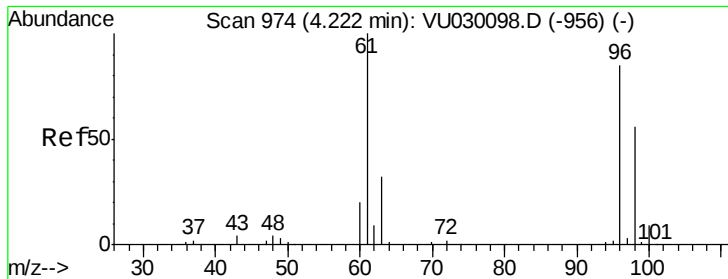


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



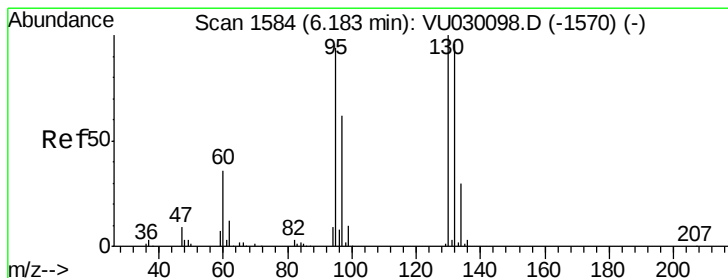
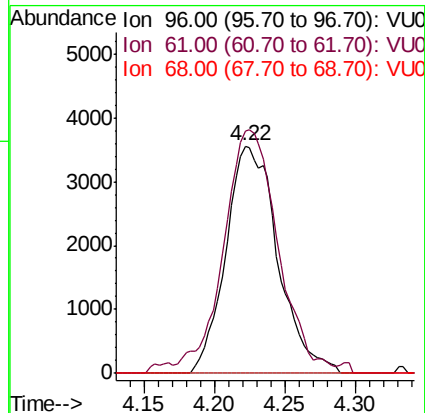
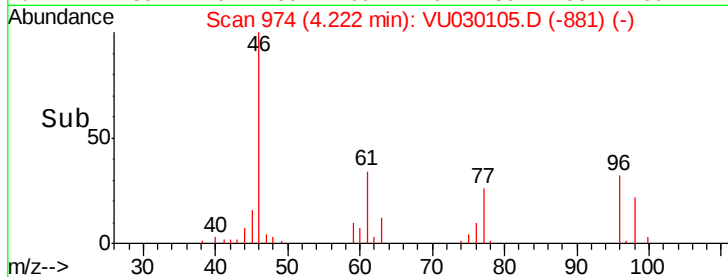
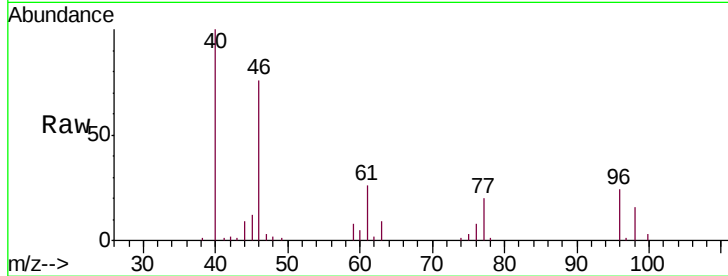


#20

cis-1,2-Dichloroethene
Concen: 2.395 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU030105.D
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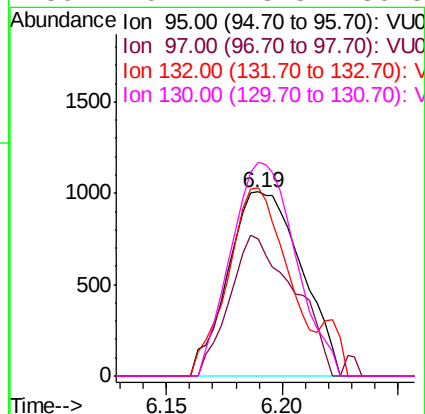
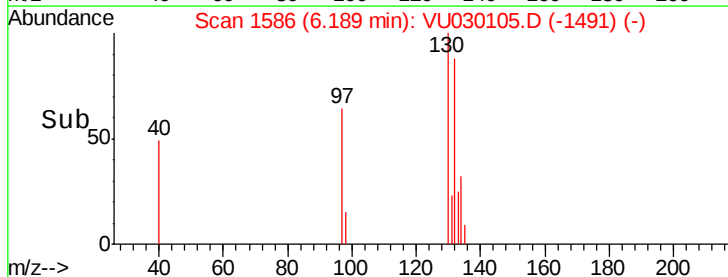
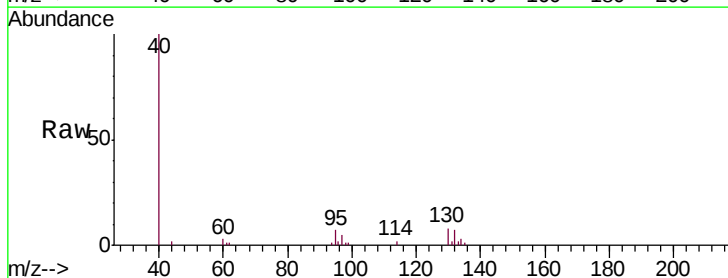
Tgt Ion: 96 Resp: 9184
Ion Ratio Lower Upper
96 100
61 106.8 80.8 150.2
68 0.0 0.0 0.0

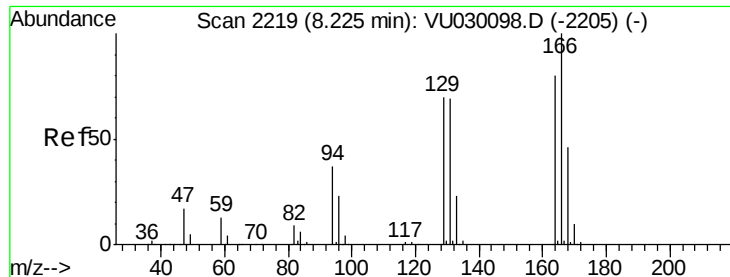


#34

Trichloroethene
Concen: 0.612 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU030105.D
Acq: 15 Mar 2019 12:54

Tgt Ion: 95 Resp: 2208
Ion Ratio Lower Upper
95 100
97 74.7 45.5 84.5
132 102.7 71.5 132.7
130 116.2 73.5 136.5

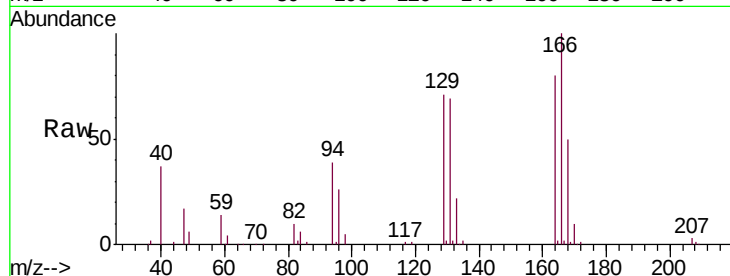




#46
Tetrachloroethene
Concen: 17.837 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.00 min
Lab File: VU030105.D
Acq: 15 Mar 2019 12:54

Instrument :
MSVOA_U
ClientSampleId :
BF1B5

Tgt Ion:	164	Resp:	56358
Ion	Ratio	Lower	Upper
164	100		
129	88.7	63.3	117.7
131	86.2	62.0	115.2
166	124.6	90.5	168.1



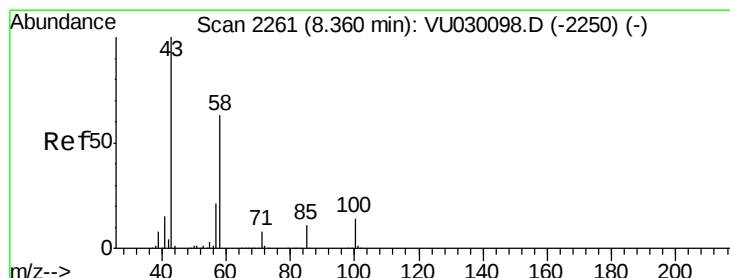
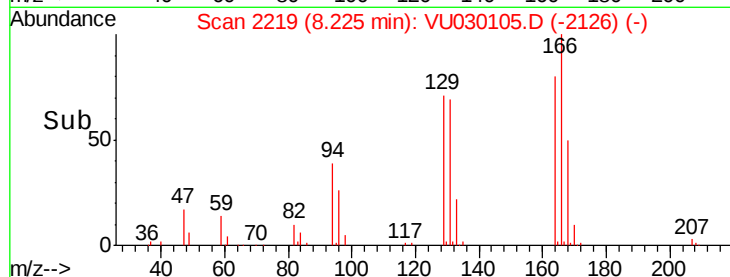
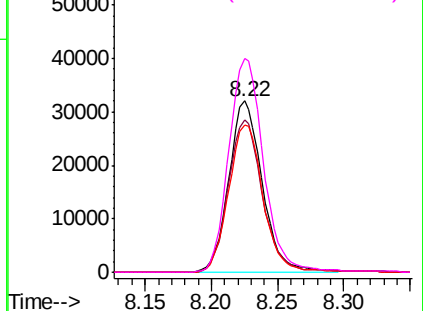
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

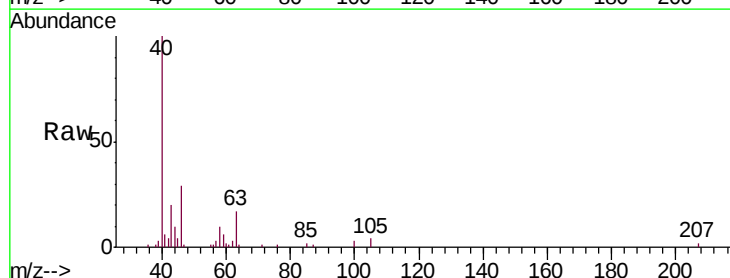
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 1.050 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030105.D
Acq: 15 Mar 2019 12:54

Tgt Ion:	43	Resp:	4382
Ion	Ratio	Lower	Upper
43	100		
58	64.1	48.6	72.8
57	0.6	16.1	24.1#
100	14.8	11.6	17.4



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

