

Data File : VU034658.D
Acq On : 19 Sep 2019 19:52
Operator : JC/SP
Sample : PB123216TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Sep 20 04:04:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	480150	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	457124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	201424	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220008	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.52%
7) Chloroethane-d5	1.67	69	181011	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.26	63	293415	35.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.50%
21) 2-Butanone-d5	4.15	46	384130	101.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	4.62	84	344195	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.29	65	252133	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.32	84	692522	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
36) 1,2-Dichloropropane-d6	6.31	67	246274	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.46%
41) Toluene-d8	7.54	98	649228	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%
43) trans-1,3-Dichloropropene-	7.83	79	113921	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.06%
47) 2-Hexanone-d5	8.29	63	245371	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	320580	46.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	203724	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%

Target Compounds

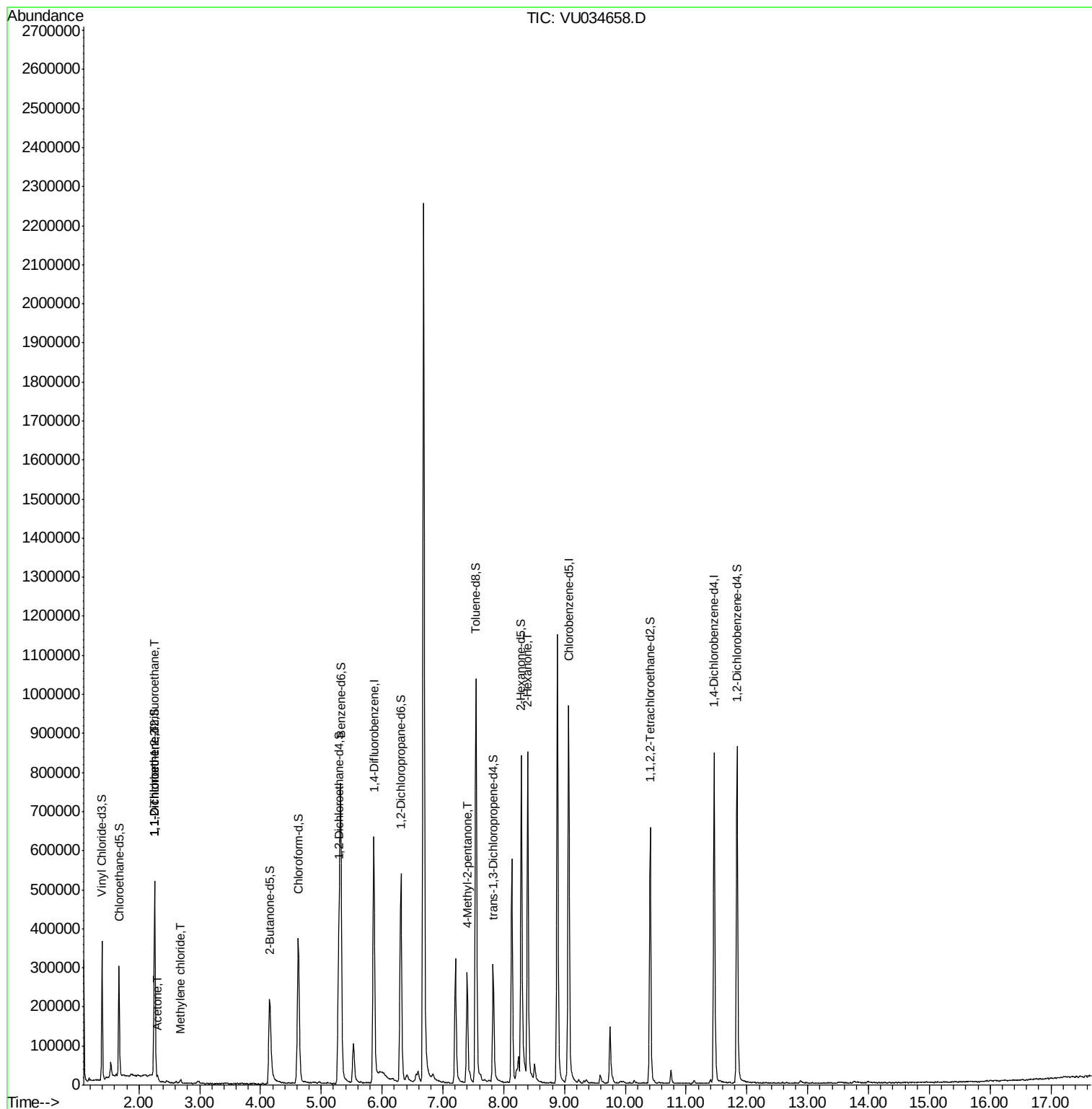
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2809	0.858 ug/L #	33
12) 1,1-Dichloroethene	2.26	96	2789	0.888 ug/L #	1
13) Acetone	2.31	43	14586	3.328 ug/L	91
16) Methylene chloride	2.68	84	3314	0.833 ug/L	79
40) 4-Methyl-2-pentanone	7.40	43	118463	13.144 ug/L #	57
48) 2-Hexanone	8.40	43	132405	18.810 ug/L #	1

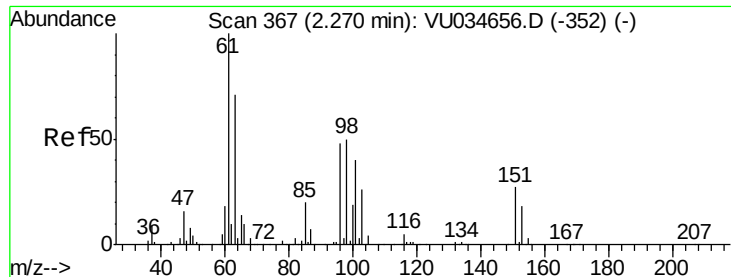
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.858 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU034658.D

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Instrument :

MSVOA_U

ClientSampled :

VLEB01

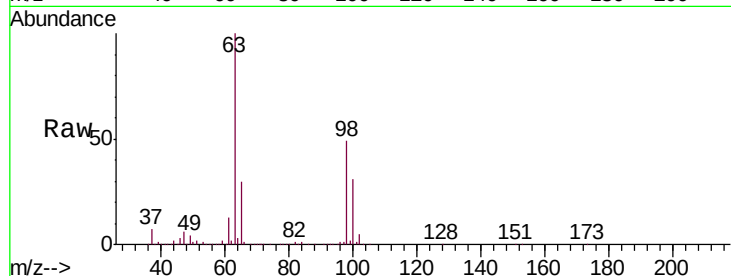
Tgt Ion:101 Resp: 2809

Ion Ratio Lower Upper

101 100

85 8.6 39.0 58.4#

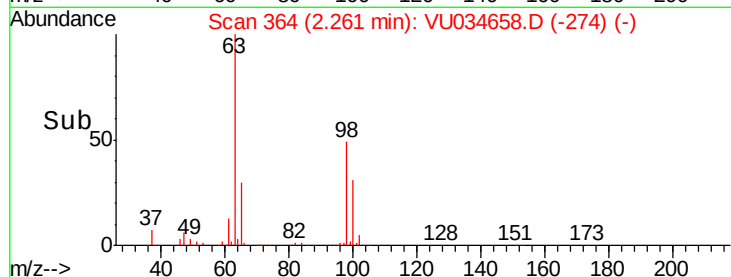
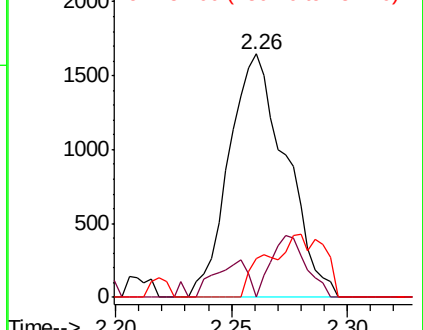
151 8.5 52.8 79.2#



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: 0.888 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU034658.D

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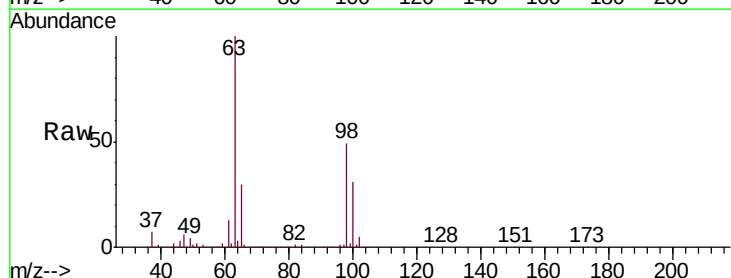
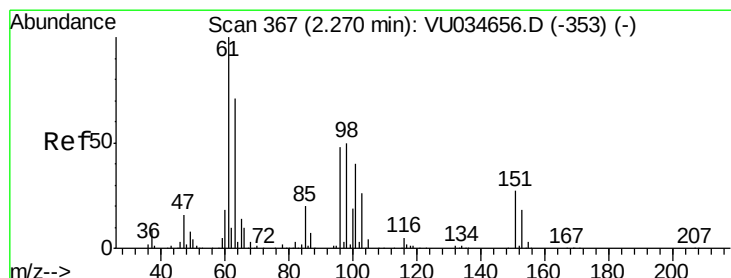
Tgt Ion: 96 Resp: 2789

Ion Ratio Lower Upper

96 100

61 1456.3 153.2 284.4#

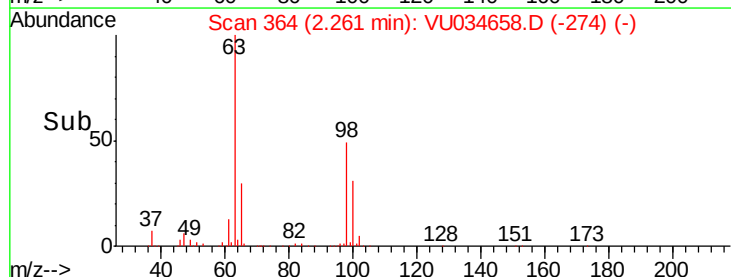
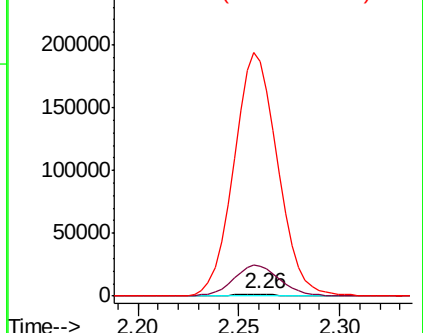
63 11276.2 113.8 211.3#

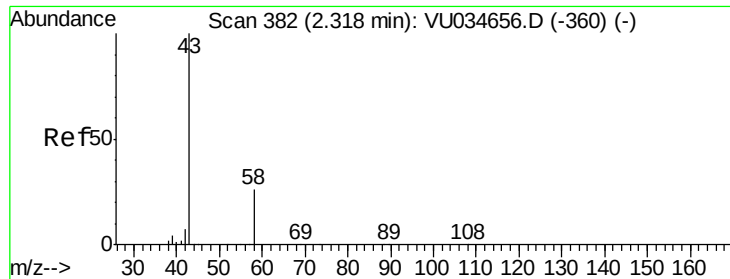


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.328 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

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ClientSampleId :

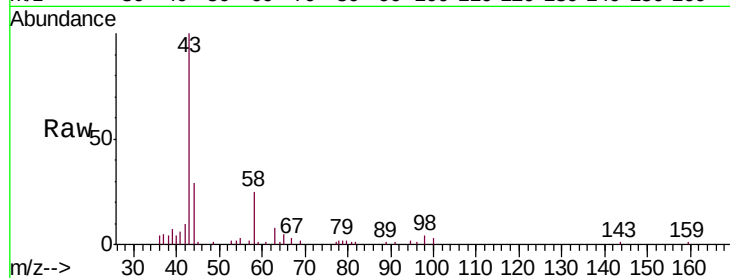
VLEB01

Tgt Ion: 43 Resp: 14586

Ion Ratio Lower Upper

43 100

58 31.2 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034656.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU034656.D (-360) (-)

2.31

10000

8000

6000

4000

2000

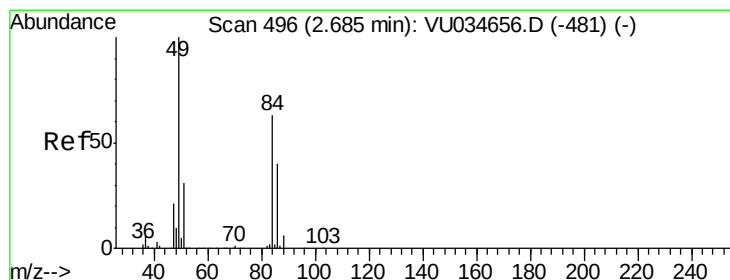
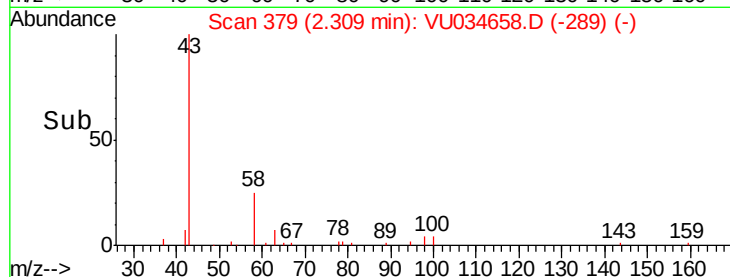
0

Time-->

2.25

2.30

2.35



#16

Methylene chloride

Concen: 0.833 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU034658.D

Acq: 19 Sep 2019 19:52

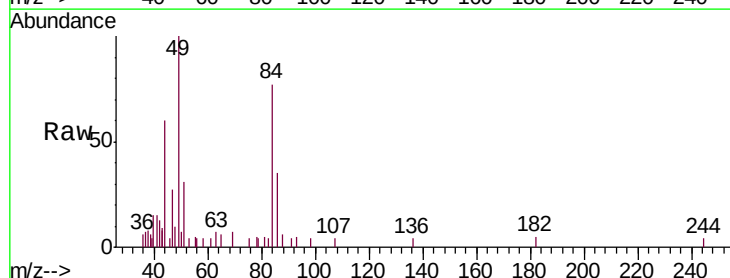
Tgt Ion: 84 Resp: 3314

Ion Ratio Lower Upper

84 100

86 45.5 43.0 80.0

49 129.7 109.7 203.7



Abundance Ion 84.00 (83.70 to 84.70): VU034656.D (-481) (-)

Ion 86.00 (85.70 to 86.70): VU034656.D (-481) (-)

Ion 49.00 (48.70 to 49.70): VU034656.D (-481) (-)

2.68

3000

2000

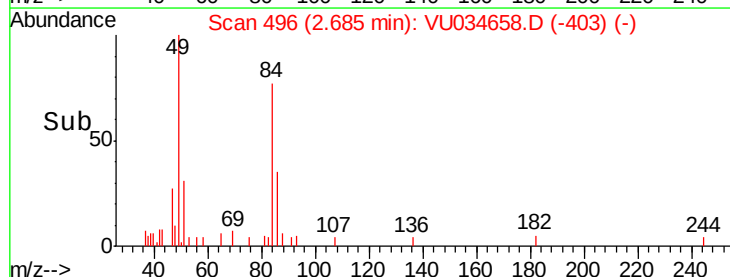
1000

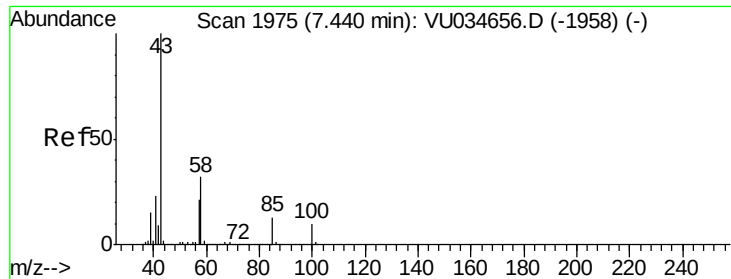
0

Time-->

2.65

2.70

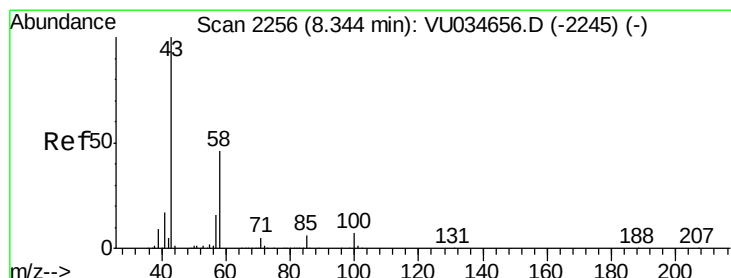
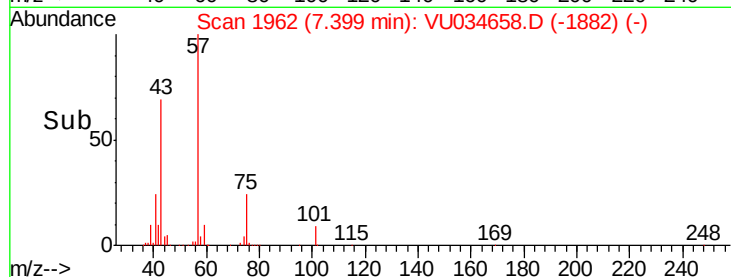
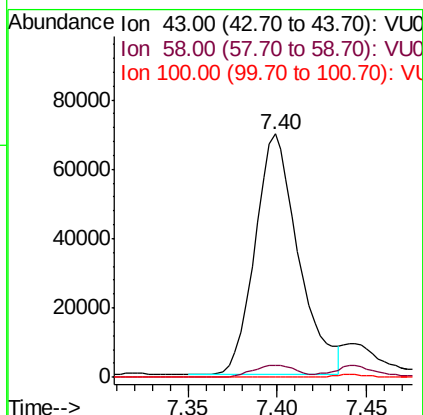
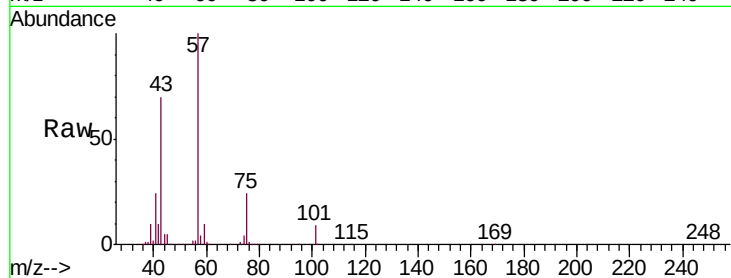




#40
 4-Methyl-2-pentanone
 Concen: 13.144 ug/L
 RT: 7.40 min Scan# 1962
 Delta R.T. -0.04 min
 Lab File: VU034658.D
 Acq: 19 Sep 2019 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

Tgt Ion: 43 Resp: 118463
 Ion Ratio Lower Upper
 43 100
 58 5.2 25.2 37.8#
 100 0.0 7.7 11.5#



#48
 2-Hexanone
 Concen: 18.810 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.05 min
 Lab File: VU034658.D
 Acq: 19 Sep 2019 19:52

Tgt Ion: 43 Resp: 132405
 Ion Ratio Lower Upper
 43 100
 58 16.4 35.3 52.9#
 57 465.3 12.1 18.1#
 100 0.1 6.2 9.4#

