

Data File : VU033304.D
Acq On : 18 Jul 2019 09:24
Operator : JC/SP
Sample : VU0718MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK53

Quant Time: Jul 19 01:46:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	284844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	285485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	121271	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93509	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.74%
7) Chloroethane-d5	1.67	69	86463	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.88%
11) 1,1-Dichloroethene-d2	2.26	63	129257	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	4.15	46	140141	102.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.57%
24) Chloroform-d	4.62	84	172667	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.29	65	114600	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.32	84	332059	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.31	67	113484	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.16%
41) Toluene-d8	7.55	98	296526	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.83	79	50231	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.30	63	94537	93.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.47%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167213	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	113453	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

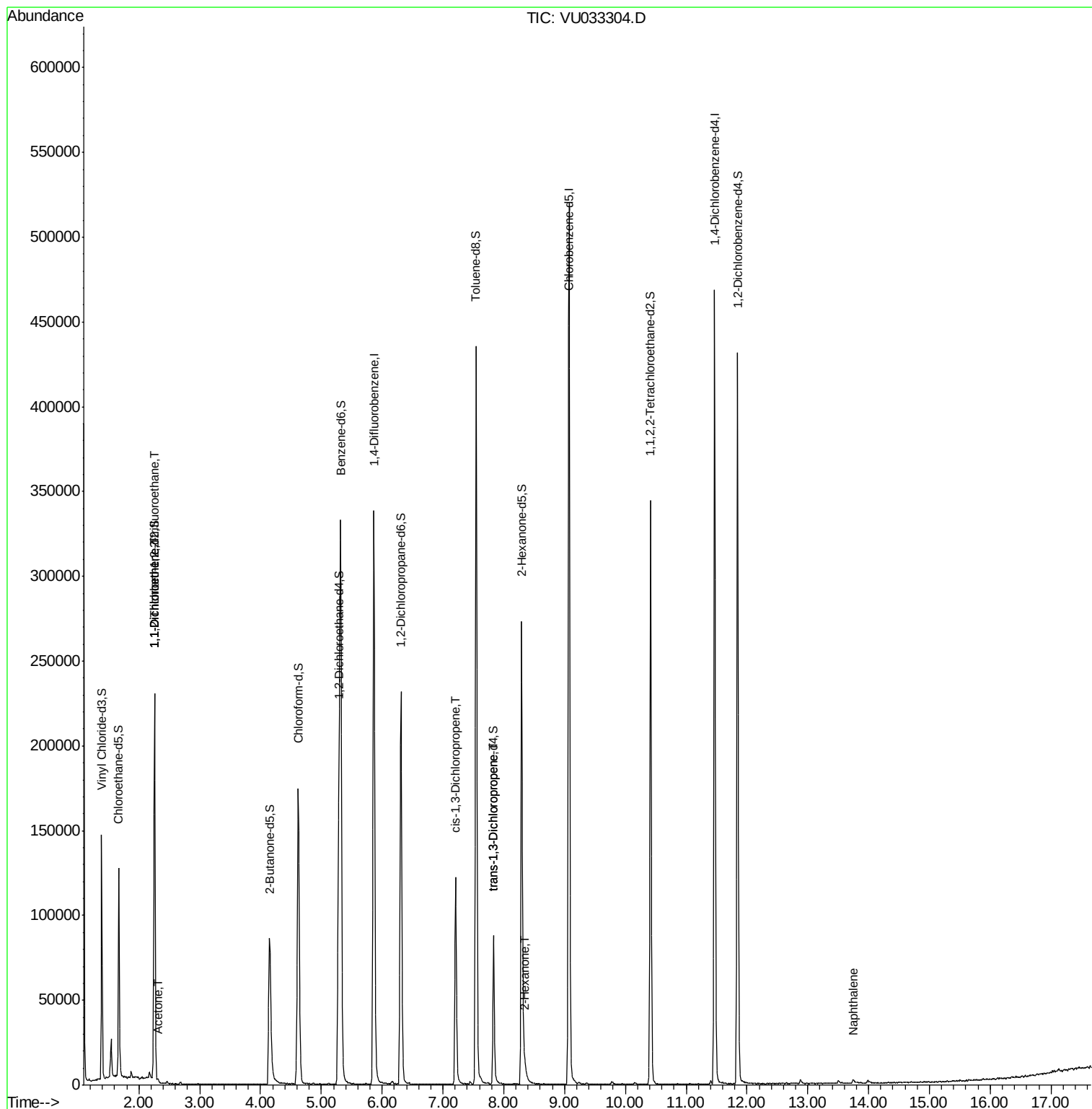
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1127	0.580	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1086	0.571	ug/L #	1
13) Acetone	2.31	43	945	0.554	ug/L	62
39) cis-1,3-Dichloropropene	7.21	75	3298	0.953	ug/L #	64
44) trans-1,3-Dichloropropene	7.83	75	2553	0.818	ug/L	90
48) 2-Hexanone	8.35	43	3958	1.604	ug/L #	43
69) Naphthalene	13.75	128	3534	0.468	ug/L #	79

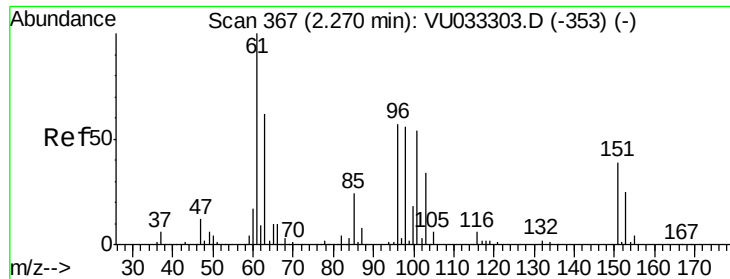
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.580 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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VBLK53

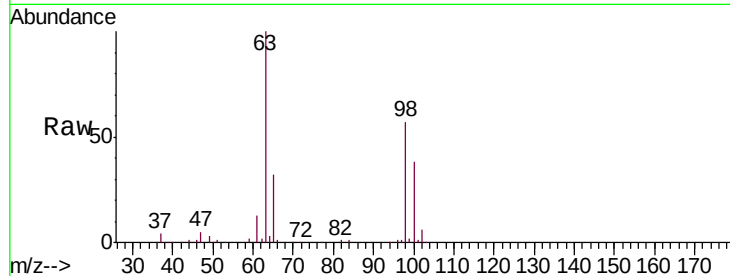
Tgt Ion: 101 Resp: 1127

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

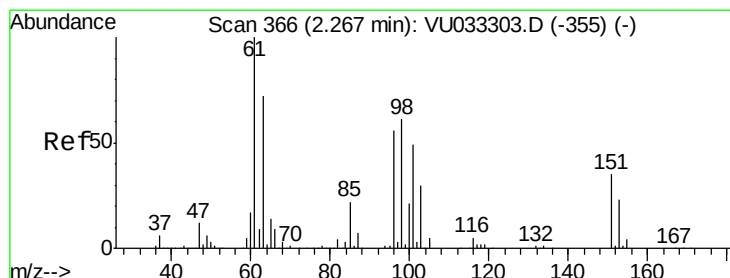
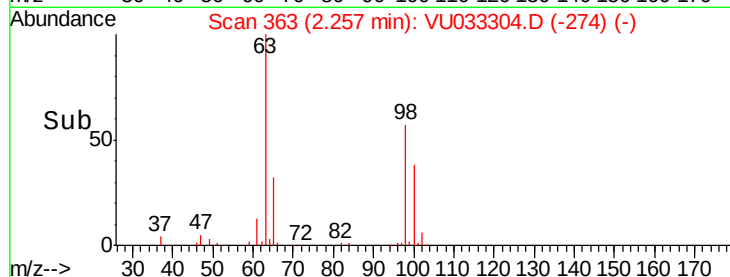
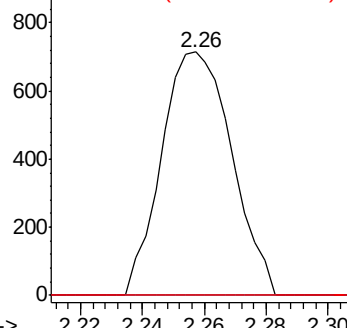
151 0.0 56.7 85.1#



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: 0.571 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033304.D

Acq: 18 Jul 2019 09:24

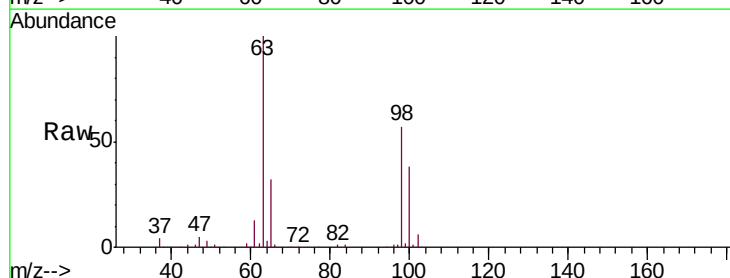
Tgt Ion: 96 Resp: 1086

Ion Ratio Lower Upper

96 100

61 1408.0 126.1 234.1#

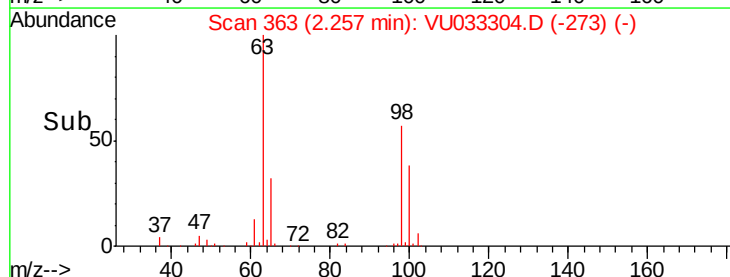
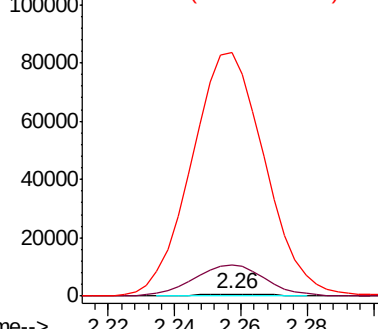
63 10904.4 96.8 179.8#

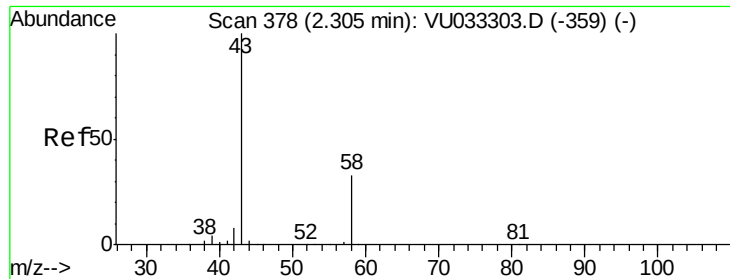


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.554 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033304.D

Acq: 18 Jul 2019 09:24

Instrument :

MSVOA_U

ClientSampled :

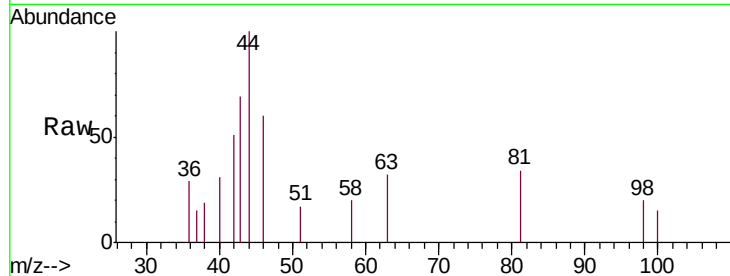
VBLK53

Tgt Ion: 43 Resp: 945

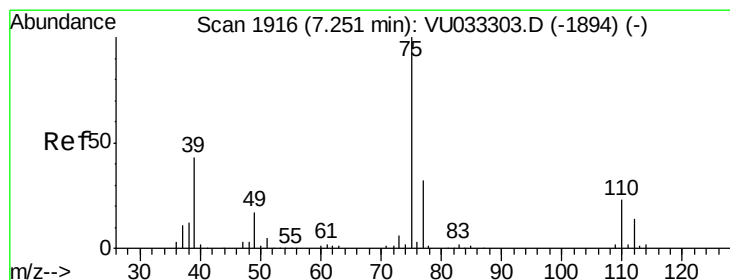
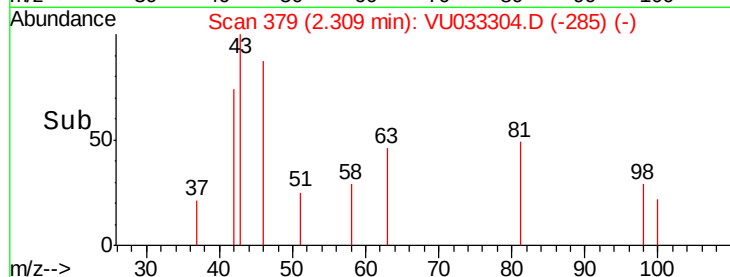
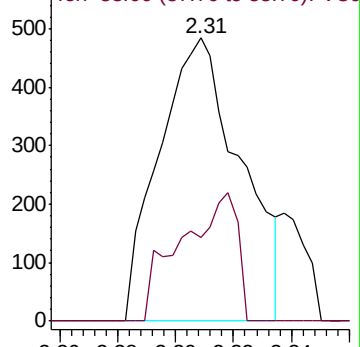
Ion Ratio Lower Upper

43 100

58 11.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033303.D (-359) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.953 ug/L

RT: 7.21 min Scan# 1902

Delta R.T. -0.05 min

Lab File: VU033304.D

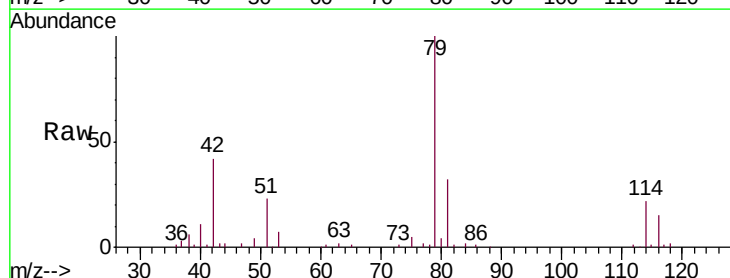
Acq: 18 Jul 2019 09:24

Tgt Ion: 75 Resp: 3298

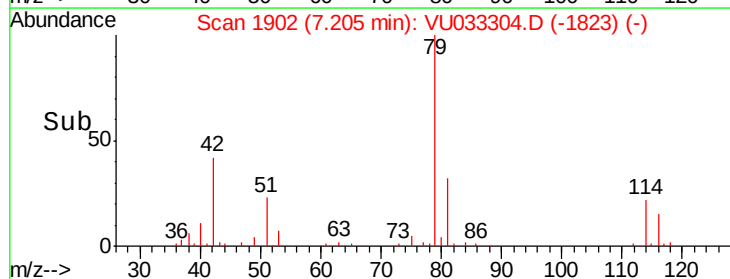
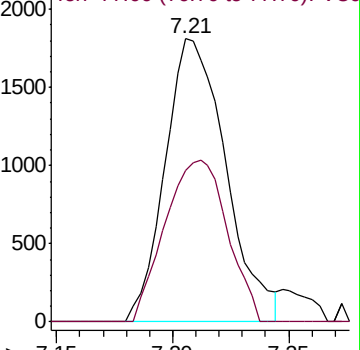
Ion Ratio Lower Upper

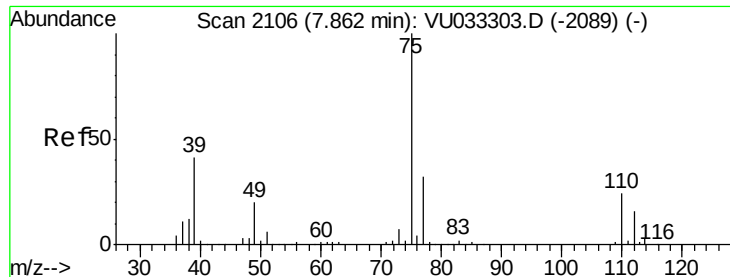
75 100

77 53.5 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU033303.D (-1894) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.818 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033304.D

Acq: 18 Jul 2019 09:24

Instrument :

MSVOA_U

ClientSampleId :

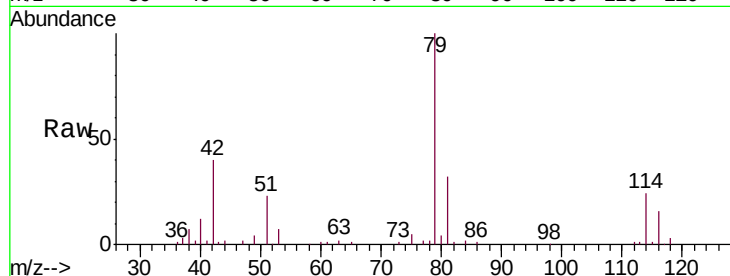
VBLK53

Tgt Ion: 75 Resp: 2553

Ion Ratio Lower Upper

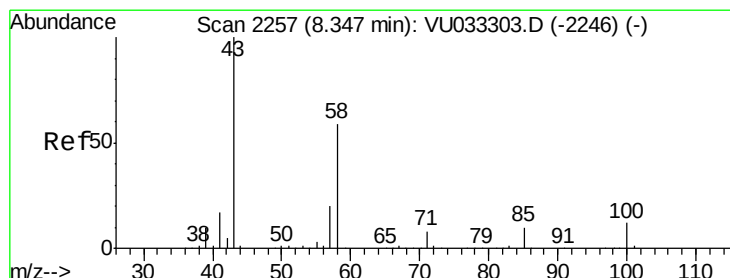
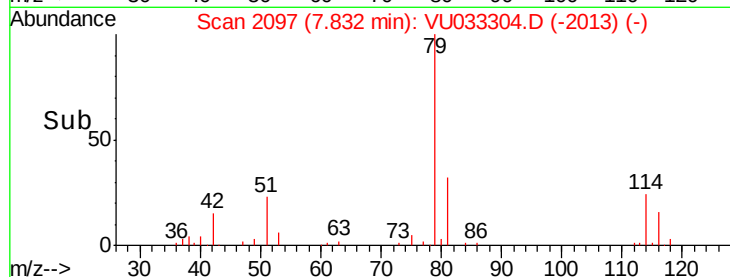
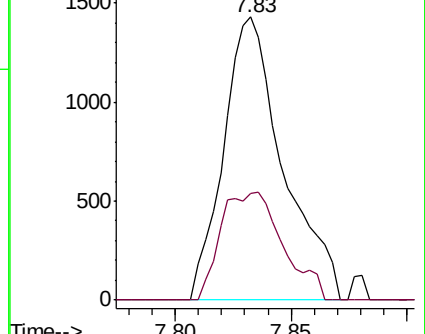
75 100

77 37.7 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#48

2-Hexanone

Concen: 1.604 ug/L

RT: 8.35 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU033304.D

Acq: 18 Jul 2019 09:24

Tgt Ion: 43 Resp: 3958

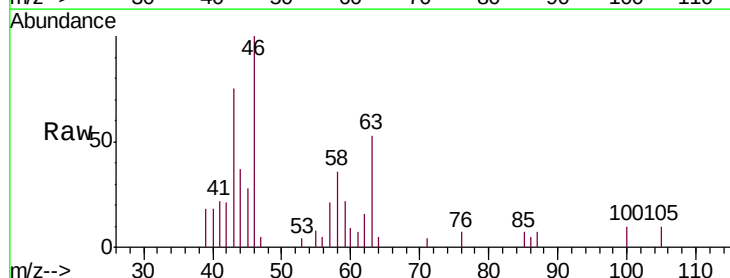
Ion Ratio Lower Upper

43 100

58 0.0 46.1 69.1#

57 7.6 15.8 23.8#

100 8.9 9.4 14.2#

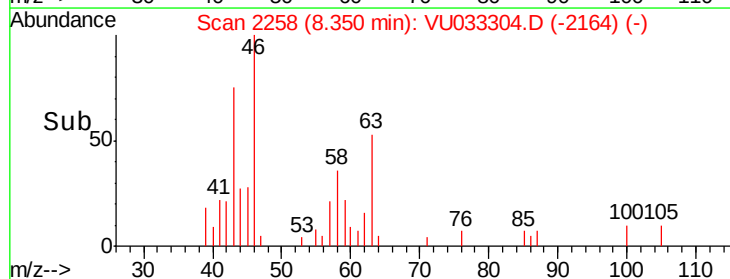
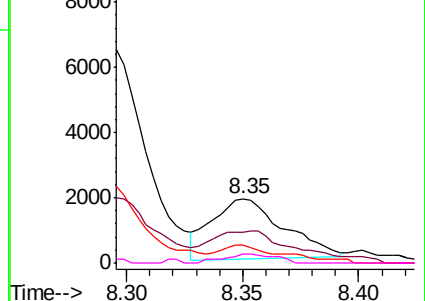


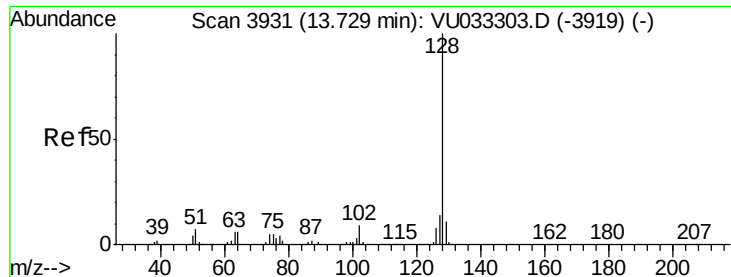
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#69

Naphthalene

Concen: 0.468 ug/L

RT: 13.75 min Scan# 3936

Delta R.T. 0.02 min

Lab File: VU033304.D

Acq: 18 Jul 2019 09:24

Instrument :

MSVOA_U

ClientSampleId :

VBLK53

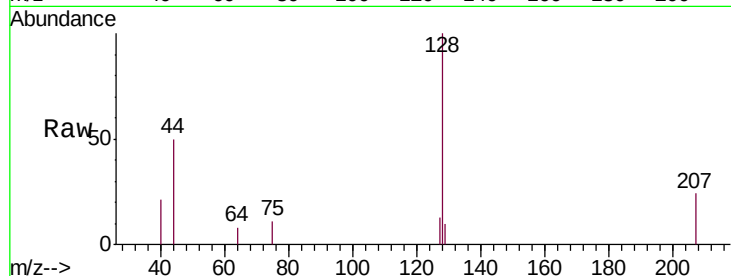
Tgt Ion:128 Resp: 3534

Ion Ratio Lower Upper

128 100

127 7.2 10.8 16.2#

129 0.7 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

