

Data File : VU034615.D
Acq On : 17 Sep 2019 15:02
Operator : JC/SP
Sample : K4894-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 18 04:35:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	222546	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	209368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	81655	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49731	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.64%
7) Chloroethane-d5	1.67	69	45134	54.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.32%
11) 1,1-Dichloroethene-d2	2.26	63	83616	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
21) 2-Butanone-d5	4.15	46	142399	117.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.62%
24) Chloroform-d	4.62	84	127328	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
26) 1,2-Dichloroethane-d4	5.29	65	87797	59.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.06%
32) Benzene-d6	5.32	84	247344	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.46%
36) 1,2-Dichloropropane-d6	6.31	67	94362	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.12%
41) Toluene-d8	7.54	98	235191	52.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.24%
43) trans-1,3-Dichloropropene-	7.83	79	42957	52.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.10%
47) 2-Hexanone-d5	8.29	63	101291	108.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.96%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	145808	54.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.90%
64) 1,2-Dichlorobenzene-d4	11.84	152	82268	56.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.96%

Target Compounds

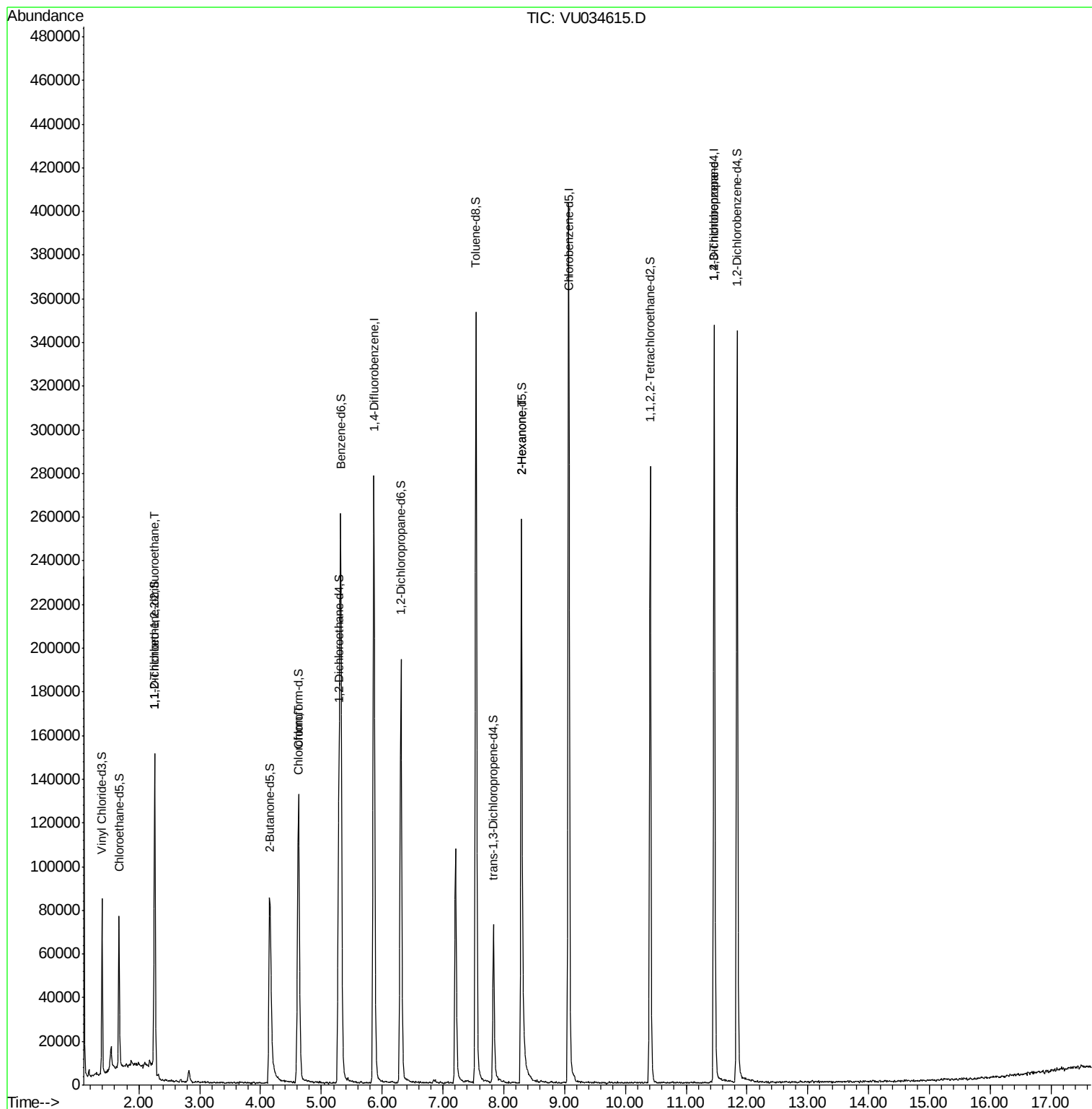
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	830	0.717	ug/L #	27
25) Chloroform	4.64	83	2724	1.022	ug/L	96
48) 2-Hexanone	8.29	43	11921	5.659	ug/L #	64
59) 1,2,3-Trichloropropane	11.46	75	13781	6.259	ug/L	93

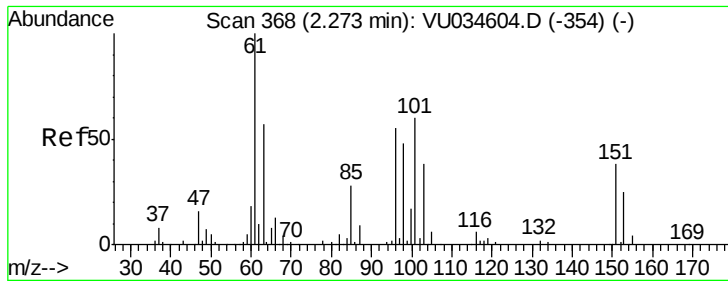
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.717 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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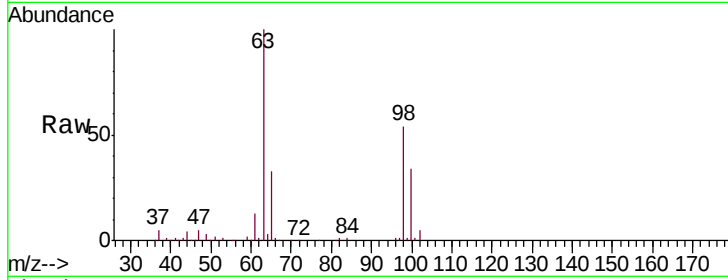
Tgt Ion:101 Resp: 830

Ion Ratio Lower Upper

101 100

85 8.7 37.0 55.6#

151 0.0 54.1 81.1#



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

2.26

600

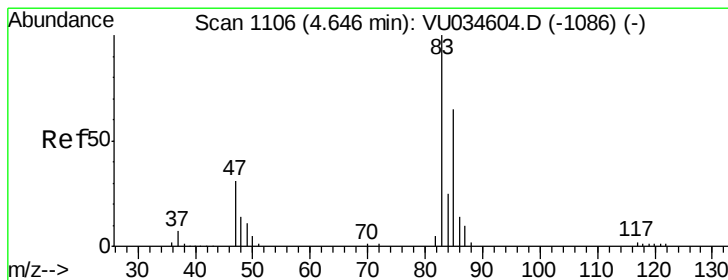
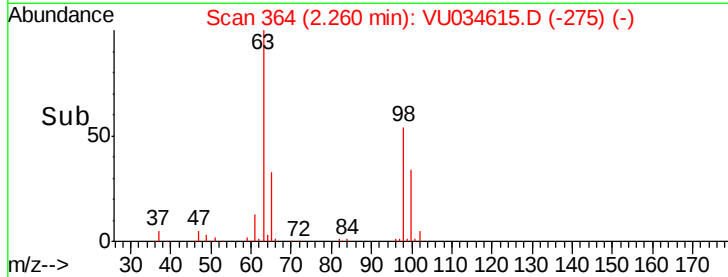
400

200

0

2.24 2.26 2.28

Time-->



#25

Chloroform

Concen: 1.022 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. -0.01 min

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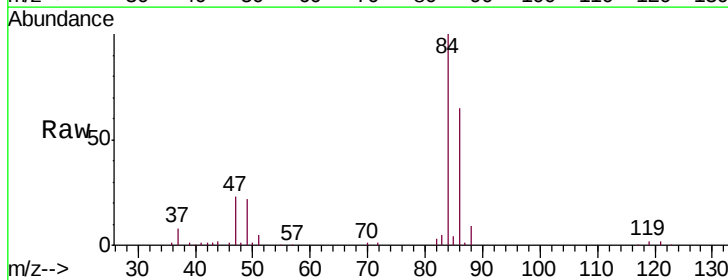
Acq: 17 Sep 2019 15:02

Tgt Ion: 83 Resp: 2724

Ion Ratio Lower Upper

83 100

85 69.8 46.6 86.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

1500

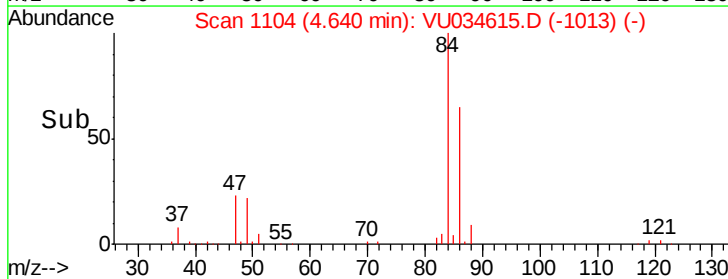
1000

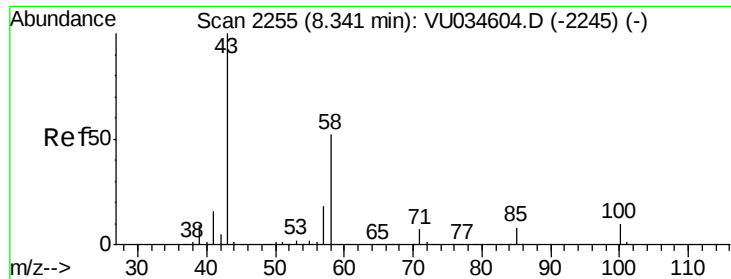
500

0

4.58 4.60 4.62 4.64 4.66

Time-->

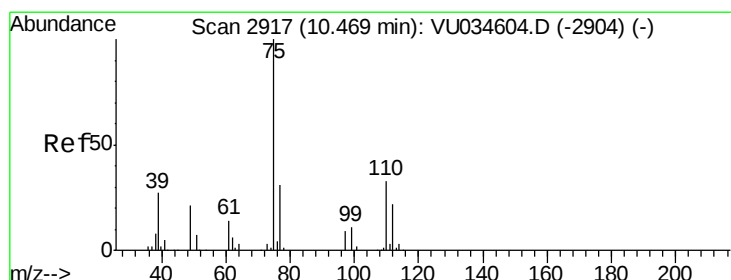
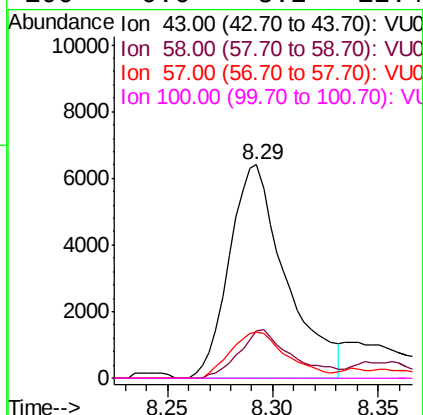
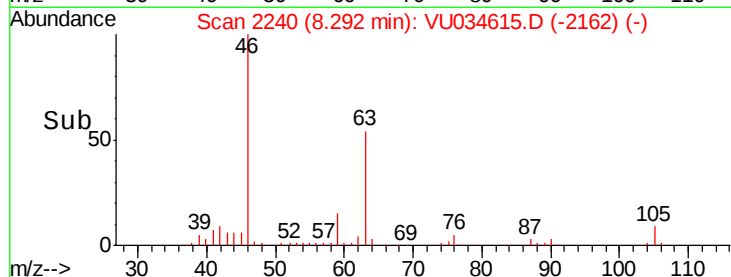
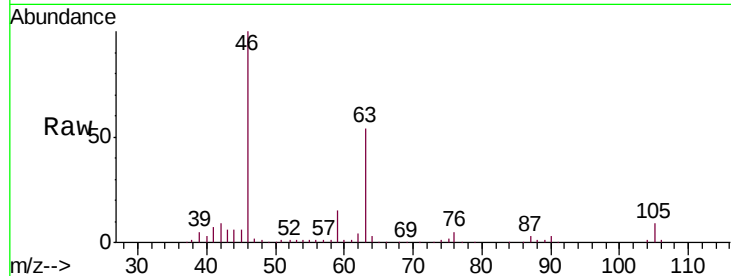




#48
 2-Hexanone
 Concen: 5.659 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 11921
 Ion Ratio Lower Upper
 43 100
 58 21.7 43.3 64.9#
 57 21.7 13.1 19.7#
 100 0.0 8.2 12.4#



#59
 1,2,3-Trichloropropane
 Concen: 6.259 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034615.D
 Acq: 17 Sep 2019 15:02

Tgt Ion: 75 Resp: 13781
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.1 39.1

