

Data File : VU034613.D
Acq On : 17 Sep 2019 14:15
Operator : JC/SP
Sample : K4838-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Sep 18 04:34:59 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	228108	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	213536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	86342	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51521	46.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.64%
7) Chloroethane-d5	1.67	69	45150	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.68%
11) 1,1-Dichloroethene-d2	2.26	63	85373	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.82%
21) 2-Butanone-d5	4.15	46	150886	121.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.59%
24) Chloroform-d	4.62	84	123583	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	5.29	65	89009	58.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.78%
32) Benzene-d6	5.32	84	255908	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.31	67	96036	54.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.90%
41) Toluene-d8	7.54	98	239349	52.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.02%
43) trans-1,3-Dichloropropene-	7.83	79	42503	50.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.96%
47) 2-Hexanone-d5	8.29	63	106300	112.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	143910	52.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	83978	54.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.04%

Target Compounds

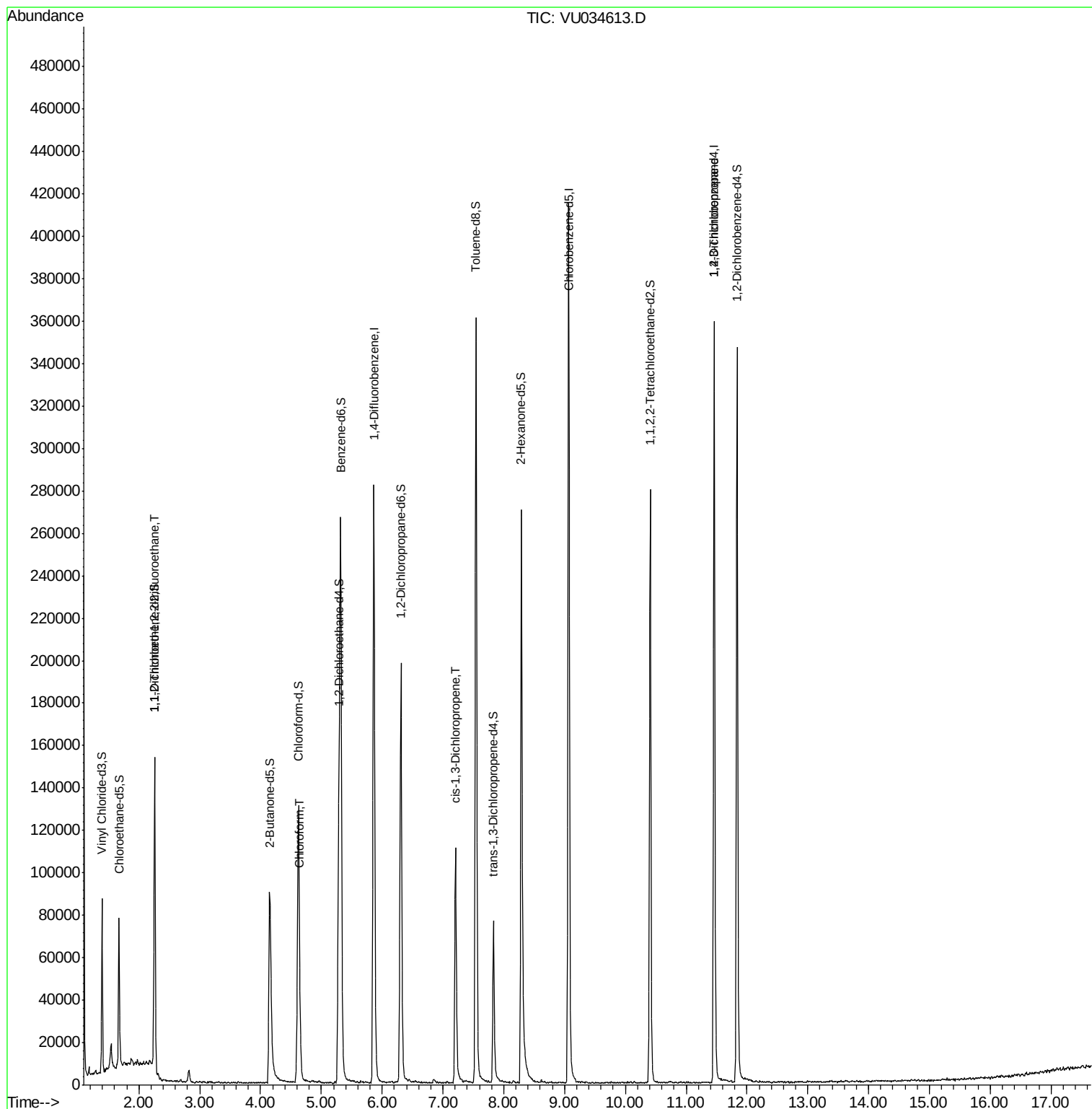
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	926	0.780 ug/L	# 25
25) Chloroform	4.65	83	10550	3.862 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	3280	1.328 ug/L	87
59) 1,2,3-Trichloropropane	11.46	75	14138	6.296 ug/L	90

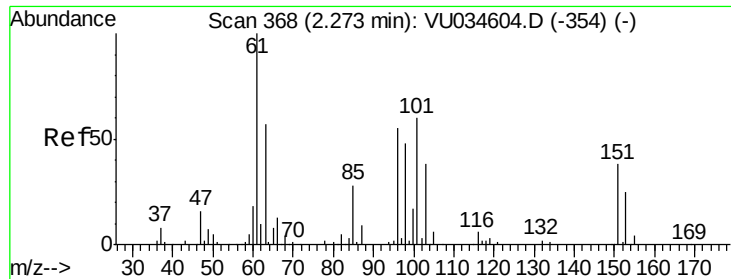
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.780 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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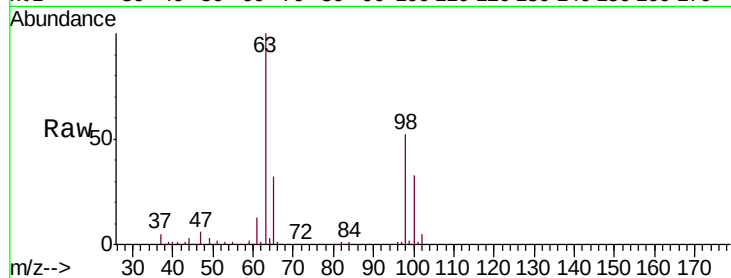
Tgt Ion:101 Resp: 926

Ion Ratio Lower Upper

101 100

85 4.9 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

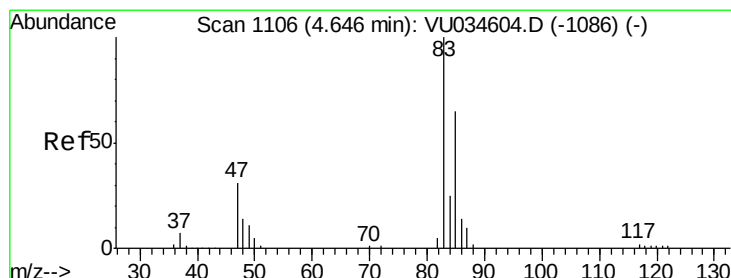
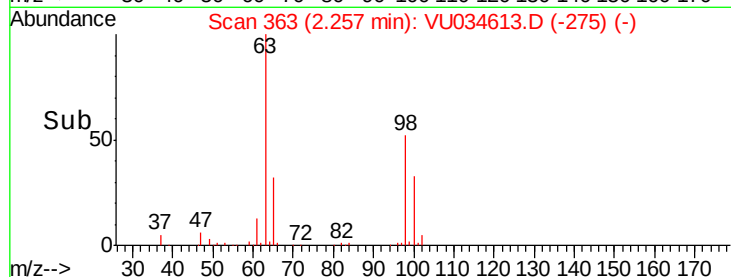
400

200

0

2.22 2.24 2.26 2.28 2.30

Time-->



#25

Chloroform

Concen: 3.862 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

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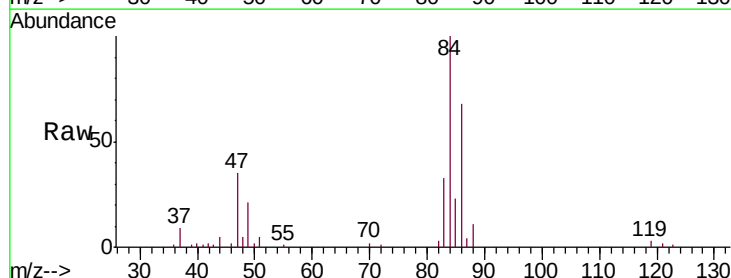
Acq: 17 Sep 2019 14:15

Tgt Ion: 83 Resp: 10550

Ion Ratio Lower Upper

83 100

85 68.2 46.6 86.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

5000

4000

3000

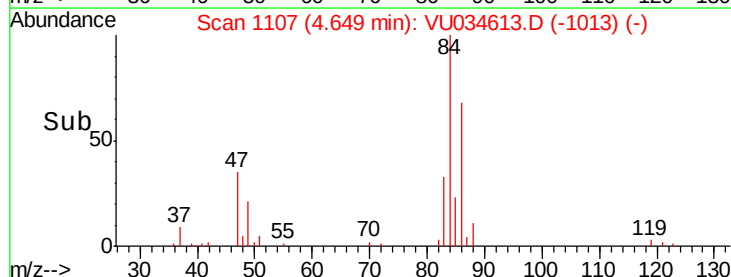
2000

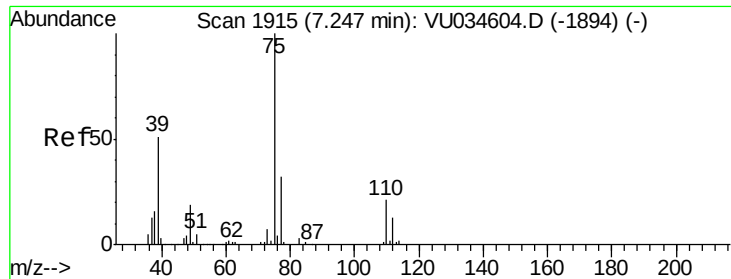
1000

0

4.55 4.60 4.65 4.70

Time-->





#39

cis-1,3-Dichloropropene

Concen: 1.328 ug/L

RT: 7.21 min Scan# 1904

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

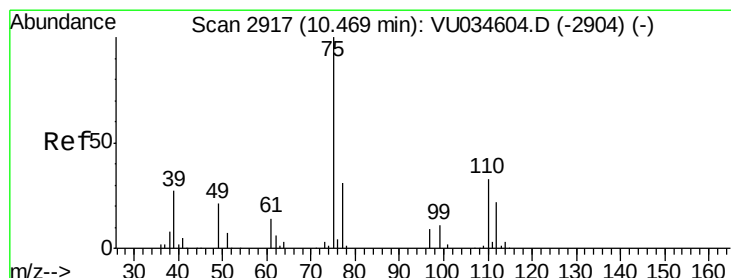
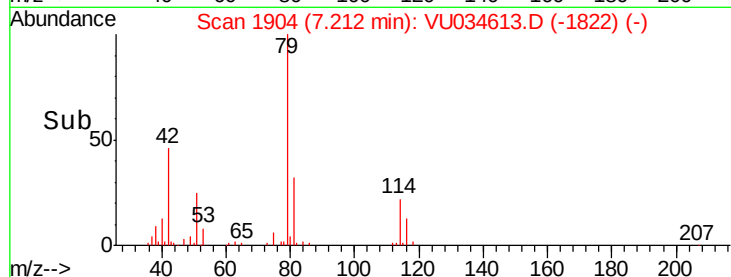
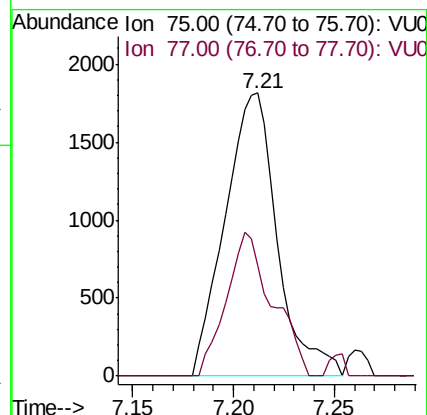
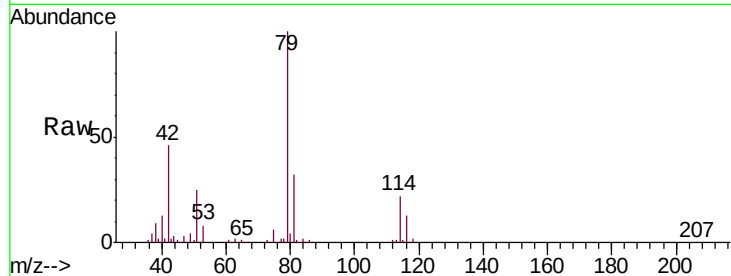
VHBLK01

Tgt Ion: 75 Resp: 3280

Ion Ratio Lower Upper

75 100

77 38.9 22.3 41.3



#59

1,2,3-Trichloropropane

Concen: 6.296 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034613.D

Acq: 17 Sep 2019 14:15

Tgt Ion: 75 Resp: 14138

Ion Ratio Lower Upper

75 100

77 38.3 26.1 39.1

