

Data File : VU037308.D
Acq On : 17 Mar 2020 11:48
Operator : JC/MD
Sample : VU0317WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: Mar 18 02:38:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 02:36:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	423192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	404280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159267	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	201113	61.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.80%
7) Chloroethane-d5	1.93	69	164691	62.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.74%
11) 1,1-Dichloroethene-d2	2.72	63	202	0.03	ug/L	0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.67	46	265445	102.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.41%
24) Chloroform-d	5.11	84	331465	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	5.74	65	243362	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
32) Benzene-d6	5.76	84	641004	57.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.20%
36) 1,2-Dichloropropane-d6	6.72	67	203291	55.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.60%
41) Toluene-d8	7.92	98	584597	54.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.90%
43) trans-1,3-Dichloropropene-	8.20	79	104966	52.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.86%
47) 2-Hexanone-d5	8.66	63	187801	99.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.57%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	288893	51.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	195658	59.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.46%

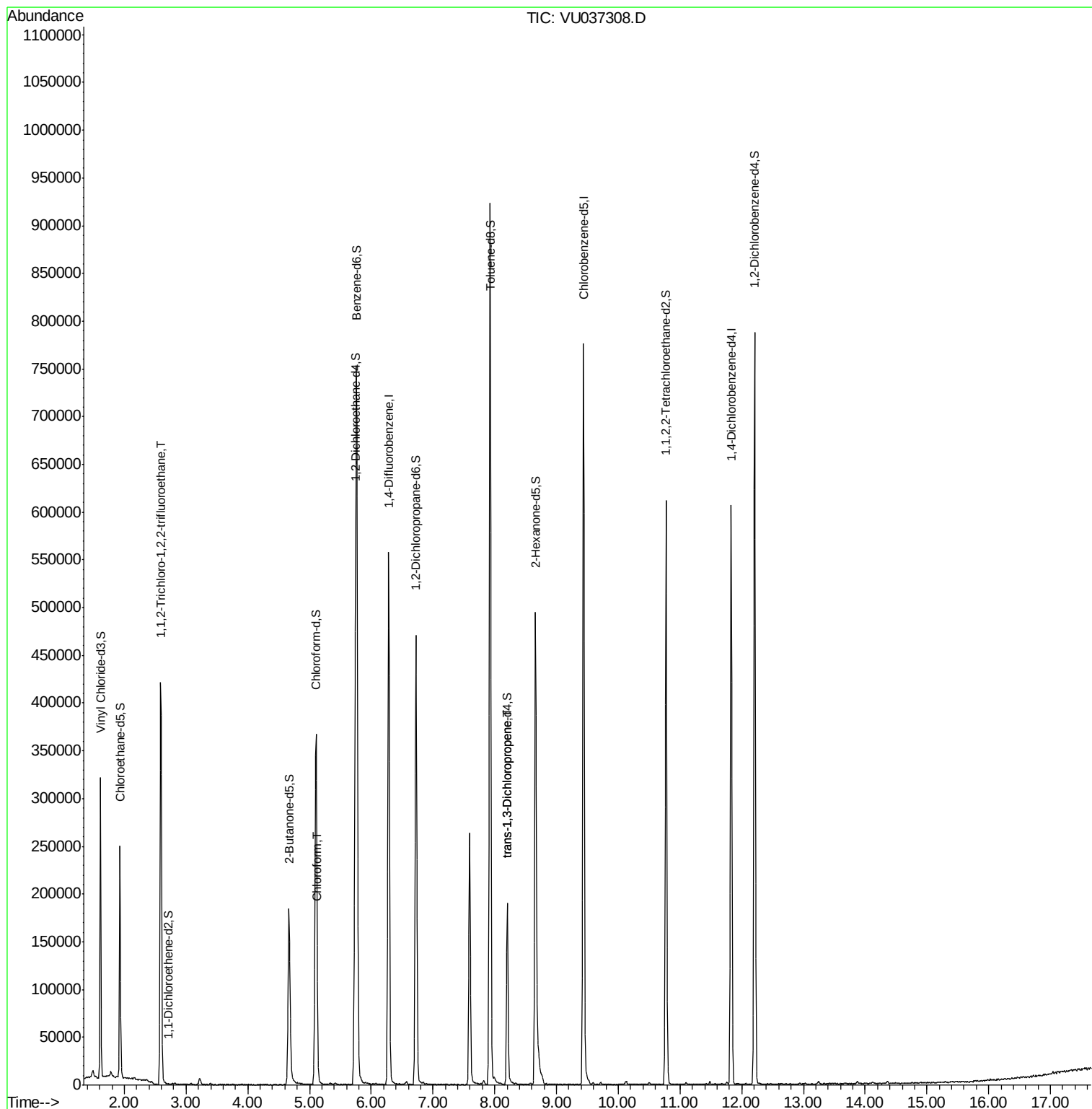
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2530	0.915 ug/L #	24
25) Chloroform	5.13	83	9421	1.488 ug/L	88
44) trans-1,3-Dichloropropene	8.20	75	6474	1.306 ug/L	84

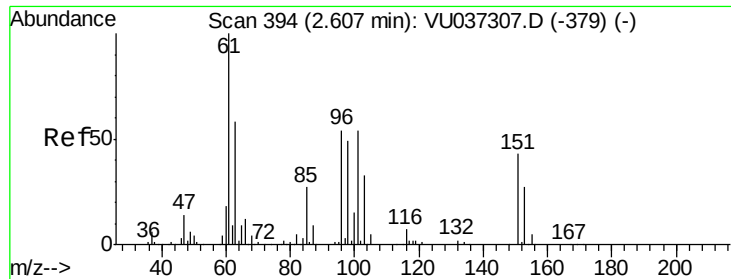
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.915 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

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VBLK45

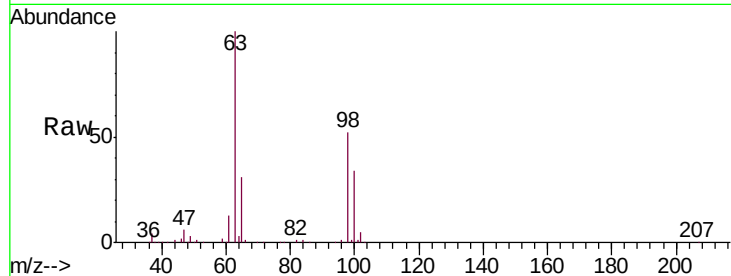
Tgt Ion: 101 Resp: 2530

Ion Ratio Lower Upper

101 100

85 2.9 37.8 56.6#

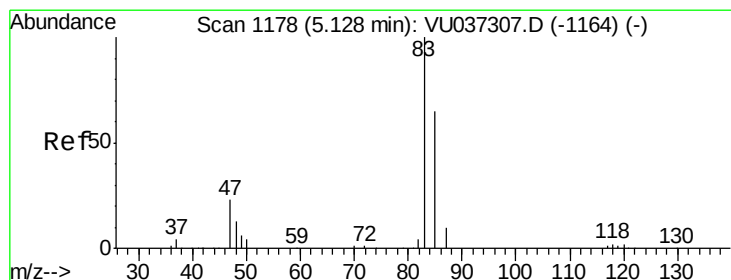
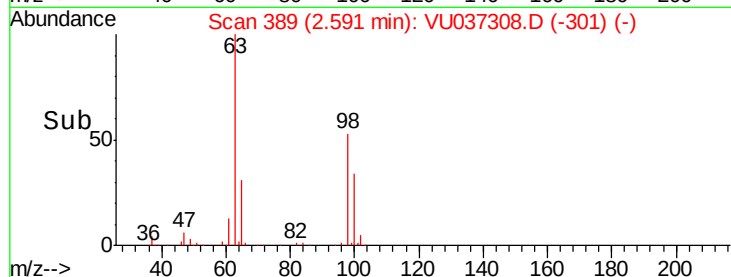
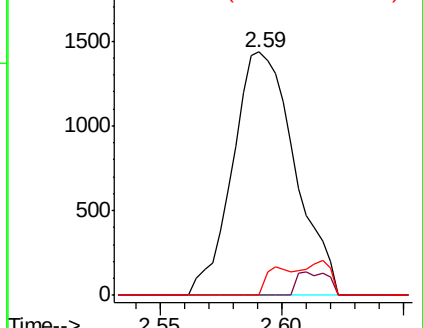
151 4.5 58.5 87.7#



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



#25

Chloroform

Concen: 1.488 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.01 min

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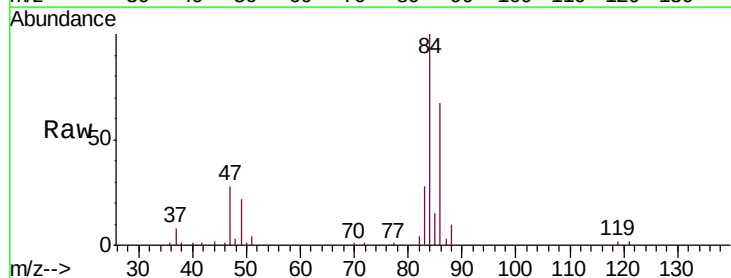
Acq: 17 Mar 2020 11:48

Tgt Ion: 83 Resp: 9421

Ion Ratio Lower Upper

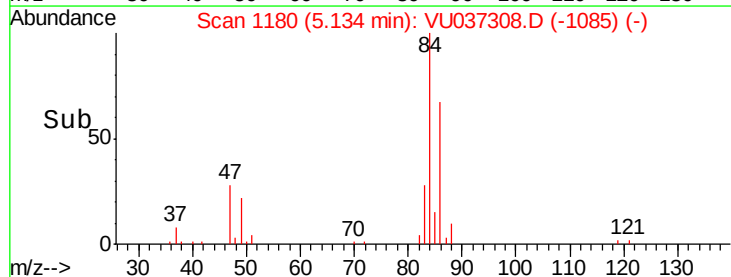
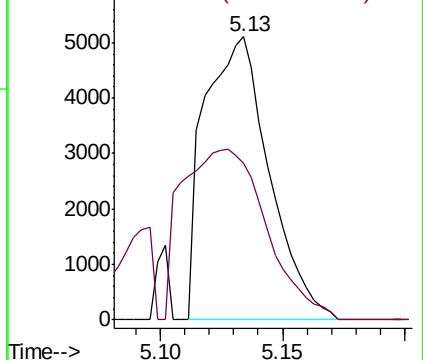
83 100

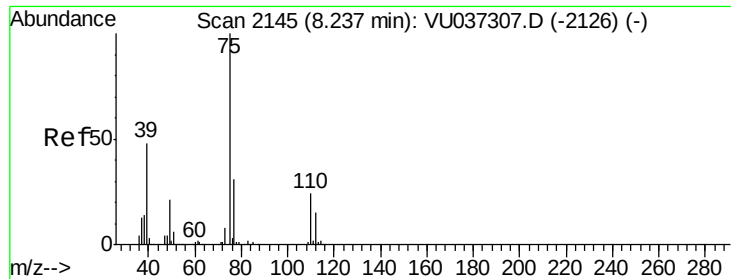
85 55.2 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 1.306 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

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Tgt Ion: 75 Resp: 6474

Ion Ratio Lower Upper

75 100

77 40.4 22.1 41.1

