

Data File : VU034740.D
Acq On : 23 Sep 2019 18:11
Operator : JC/SP
Sample : VU0923WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Quant Time: Sep 24 03:39:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	487343	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	457174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	203511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	206203	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.66%
7) Chloroethane-d5	1.67	69	168341	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.32%
11) 1,1-Dichloroethene-d2	2.26	63	278372	32.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.90%
21) 2-Butanone-d5	4.15	46	381815	99.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.85%
24) Chloroform-d	4.62	84	311190	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.29	65	250298	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.32	84	699092	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.31	67	247165	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.80%
41) Toluene-d8	7.54	98	666650	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	7.83	79	111581	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.08%
47) 2-Hexanone-d5	8.29	63	251349	101.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	325512	47.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.74%
64) 1,2-Dichlorobenzene-d4	11.84	152	217372	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2442	0.735	ug/L #	25
25) Chloroform	4.65	83	36702	4.661	ug/L	91
48) 2-Hexanone	8.29	43	31610	4.490	ug/L #	75

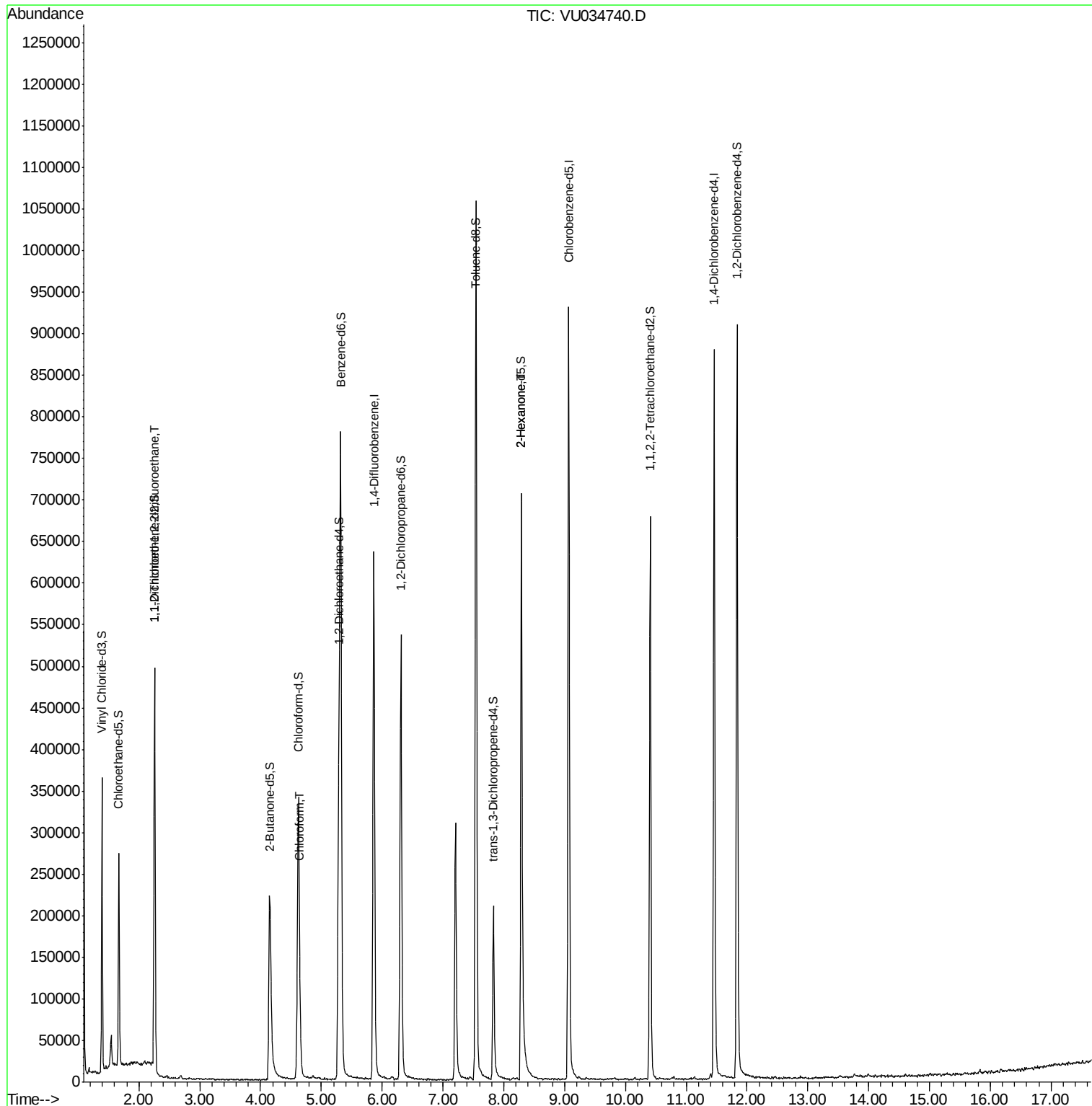
(#) = qualifier out of range (m) = manual integration (+) = signals summed

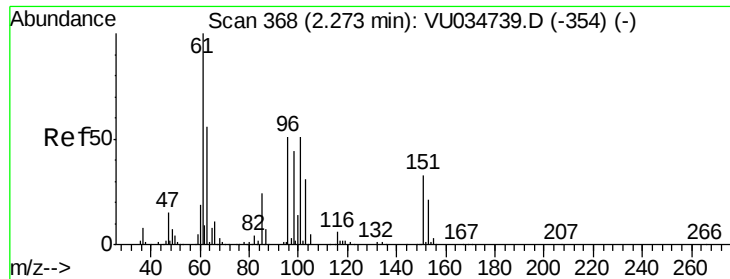
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#10

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

Concen: 0.735 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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ClientSampleId :

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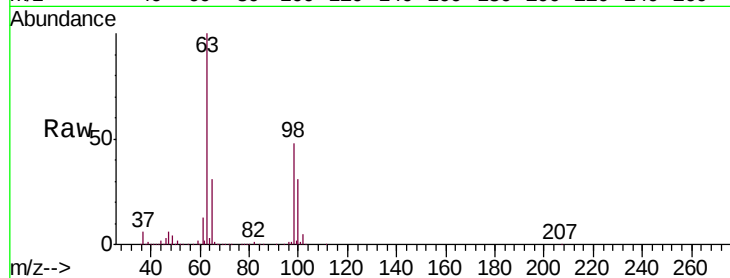
Tgt Ion:101 Resp: 2442

Ion Ratio Lower Upper

101 100

85 0.0 39.0 58.4#

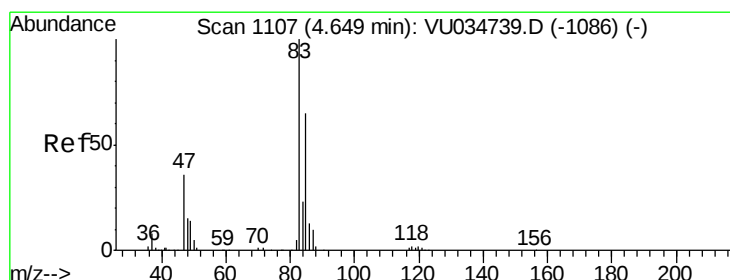
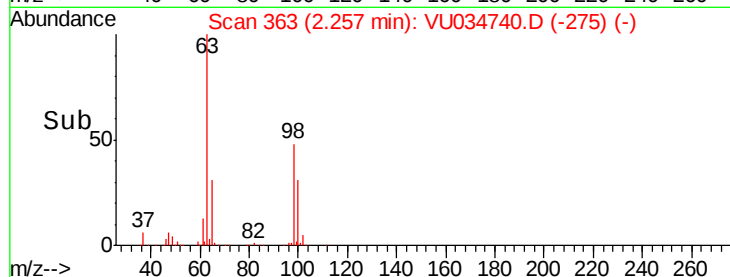
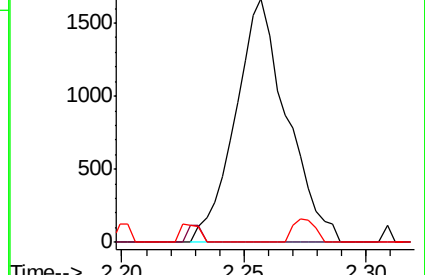
151 4.2 52.8 79.2#



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



#25

Chloroform

Concen: 4.661 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

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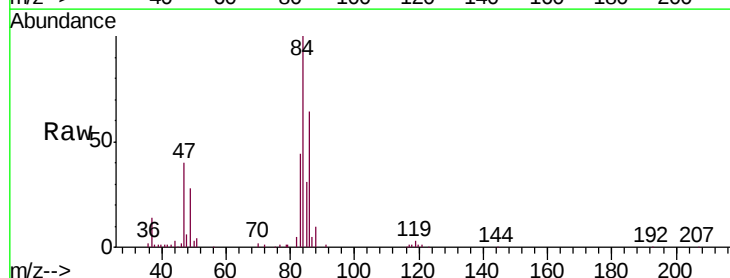
Acq: 23 Sep 2019 18:11

Tgt Ion: 83 Resp: 36702

Ion Ratio Lower Upper

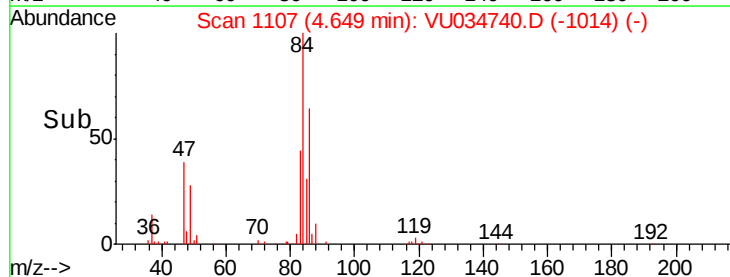
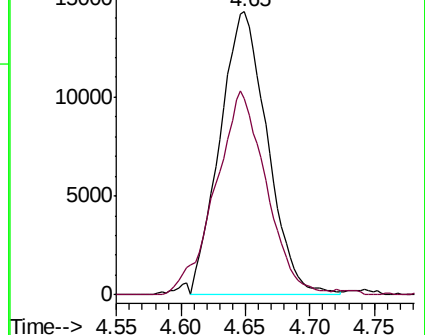
83 100

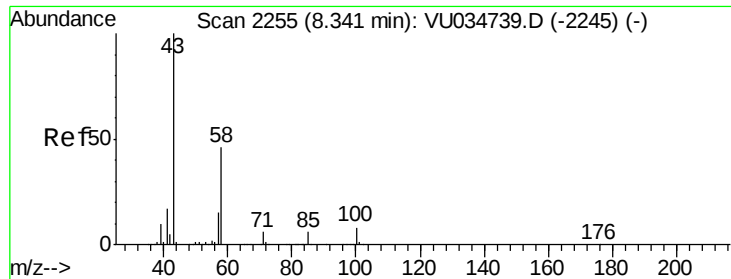
85 69.5 44.0 81.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#48

2-Hexanone

Concen: 4.490 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 31610

Ion Ratio Lower Upper

43 100

58 23.5 35.3 52.9#

57 18.1 12.1 18.1

100 0.0 6.2 9.4#

