

Data File : VU034680.D
Acq On : 20 Sep 2019 11:42
Operator : JC/SP
Sample : VU0920WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Quant Time: Sep 21 02:31:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 02:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	492473	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	458994	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	204894	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	221311	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.80%
7) Chloroethane-d5	1.67	69	183037	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.94%
11) 1,1-Dichloroethene-d2	2.26	63	309395	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.48%
21) 2-Butanone-d5	4.15	46	396814	102.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.69%
24) Chloroform-d	4.62	84	350029	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	5.29	65	258381	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.32	84	711419	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
36) 1,2-Dichloropropane-d6	6.31	67	255445	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.74%
41) Toluene-d8	7.54	98	662773	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%
43) trans-1,3-Dichloropropene-	7.83	79	118464	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.48%
47) 2-Hexanone-d5	8.29	63	258166	103.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.37%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	330346	47.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.76%
64) 1,2-Dichlorobenzene-d4	11.84	152	210521	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

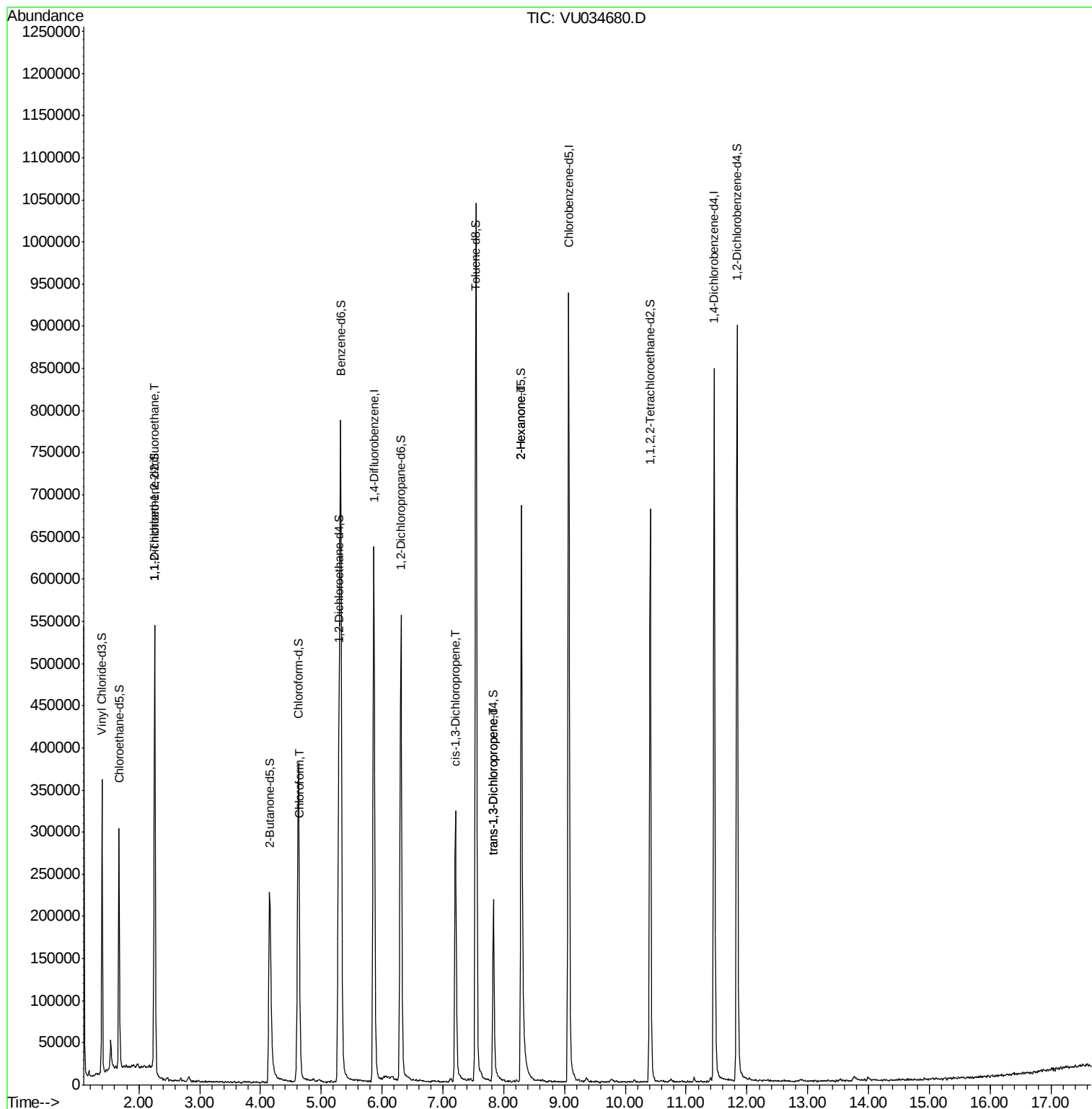
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2439	0.727	ug/L #	26
25) Chloroform	4.65	83	6999	0.879	ug/L #	73
39) cis-1,3-Dichloropropene	7.21	75	8635	1.212	ug/L	85
44) trans-1,3-Dichloropropene	7.83	75	6316	0.984	ug/L	95
48) 2-Hexanone	8.29	43	32298	4.570	ug/L #	70

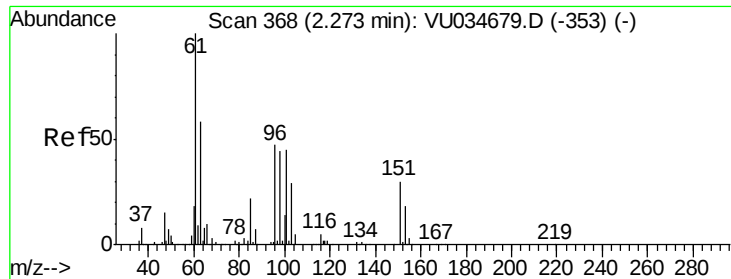
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.727 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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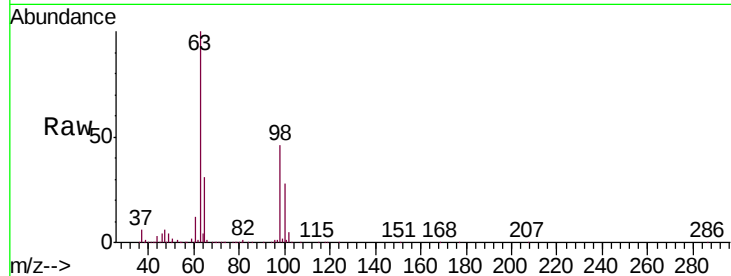
Tgt Ion:101 Resp: 2439

Ion Ratio Lower Upper

101 100

85 3.0 39.0 58.4#

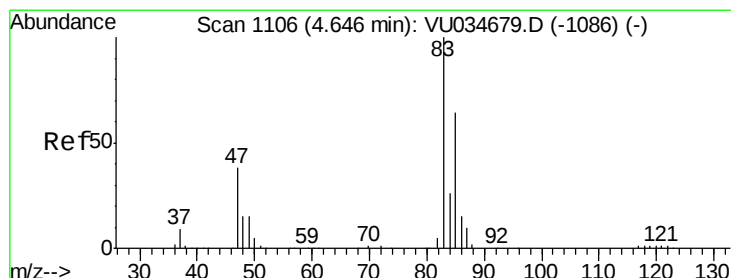
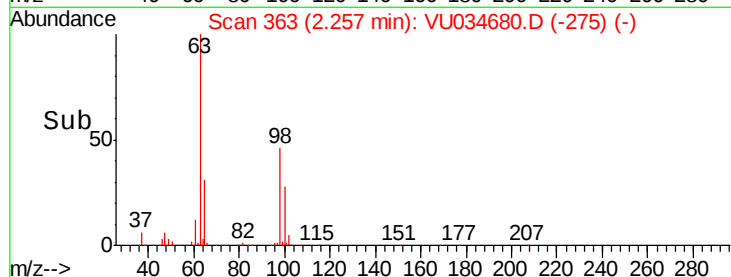
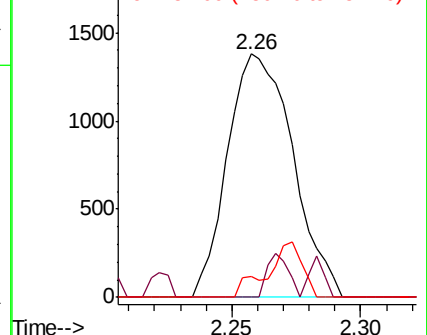
151 2.6 52.8 79.2#



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: 0.879 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

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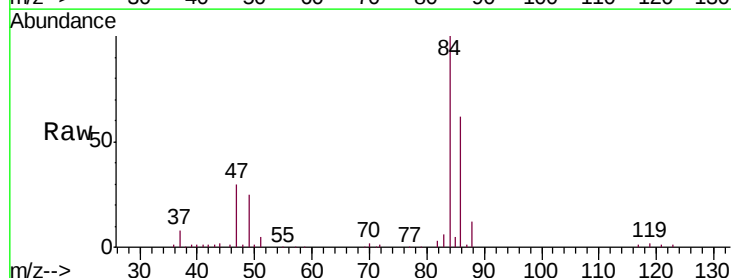
Acq: 20 Sep 2019 11:42

Tgt Ion: 83 Resp: 6999

Ion Ratio Lower Upper

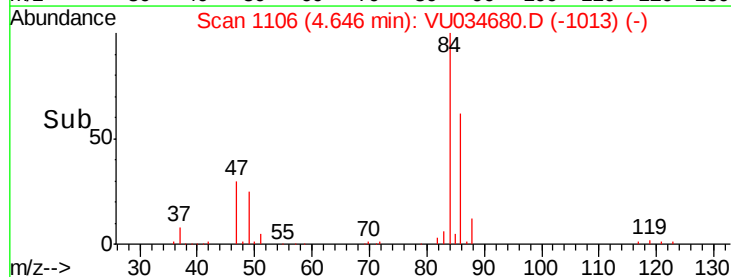
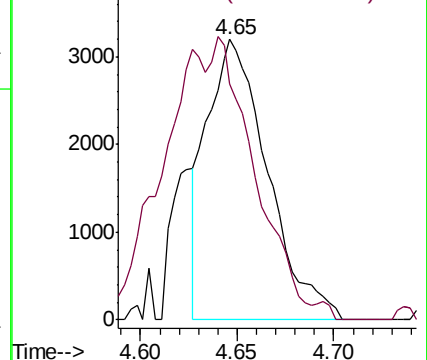
83 100

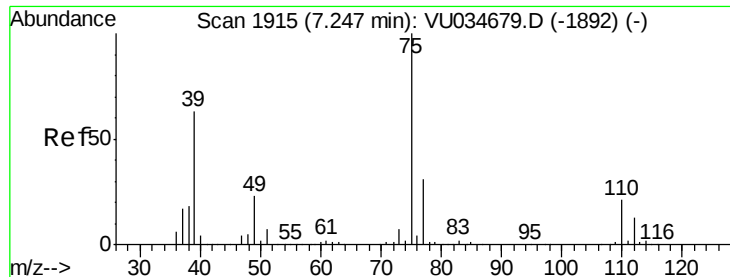
85 83.9 44.0 81.6#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 1.212 ug/L

RT: 7.21 min Scan# 1902

Delta R.T. -0.04 min

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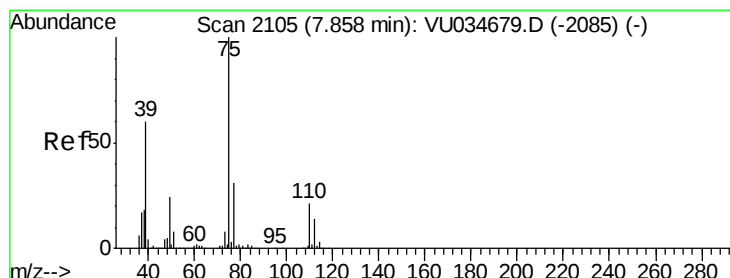
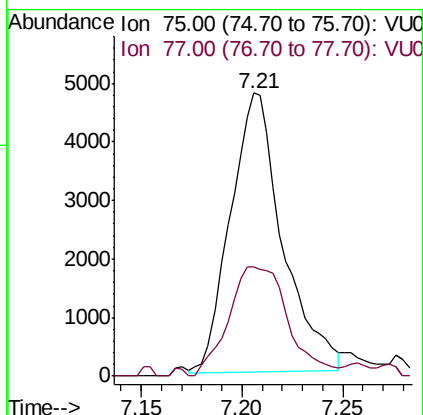
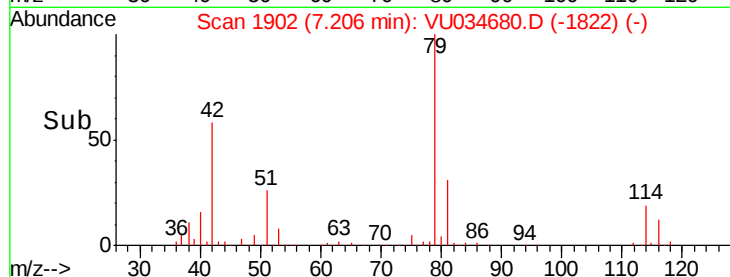
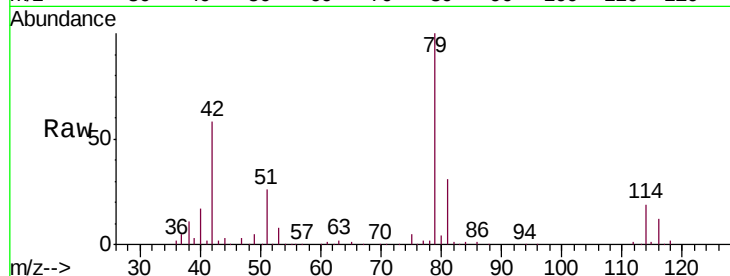
VBLK34

Tgt Ion: 75 Resp: 8635

Ion Ratio Lower Upper

75 100

77 38.6 21.4 39.8



#44

trans-1,3-Dichloropropene

Concen: 0.984 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

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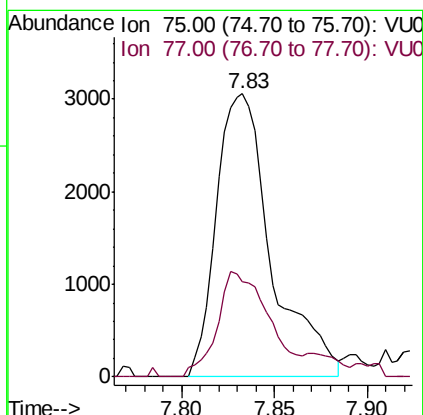
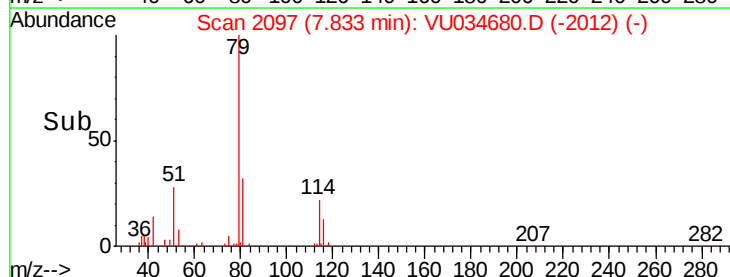
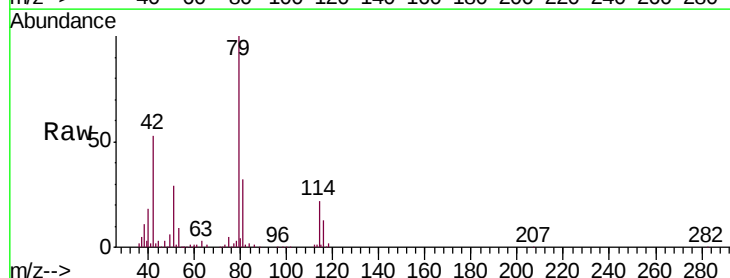
Acq: 20 Sep 2019 11:42

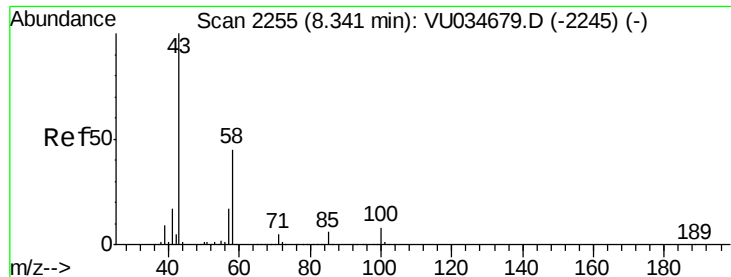
Tgt Ion: 75 Resp: 6316

Ion Ratio Lower Upper

75 100

77 33.6 21.4 39.8





#48
 2-Hexanone
 Concen: 4.570 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
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Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK34

Tgt Ion: 43 Resp: 32298
 Ion Ratio Lower Upper
 43 100
 58 20.8 35.3 52.9#
 57 22.5 12.1 18.1#
 100 0.0 6.2 9.4#

