

Data File : VU037639.D
Acq On : 10 Apr 2020 00:04
Operator : JC/MD
Sample : VU0409WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK50

Quant Time: Apr 10 06:07:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 06:05:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	542453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	515119	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	248319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	214582	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.50%
7) Chloroethane-d5	1.93	69	175855	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.78%
11) 1,1-Dichloroethene-d2	2.59	63	267829	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	4.66	46	374619	97.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.50%
24) Chloroform-d	5.10	84	327685	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.74	65	235047	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
32) Benzene-d6	5.76	84	726802	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
36) 1,2-Dichloropropane-d6	6.72	67	244462	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.92	98	650327	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	8.20	79	124481	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	8.65	63	273566	94.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	335569	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	12.20	152	236775	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2512	0.735 ug/L #	29
25) Chloroform	5.12	83	7153	1.042 ug/L	94
39) cis-1,3-Dichloropropene	7.59	75	7494	1.063 ug/L #	53
59) 1,2,3-Trichloropropane	11.83	75	34796	5.946 ug/L	92

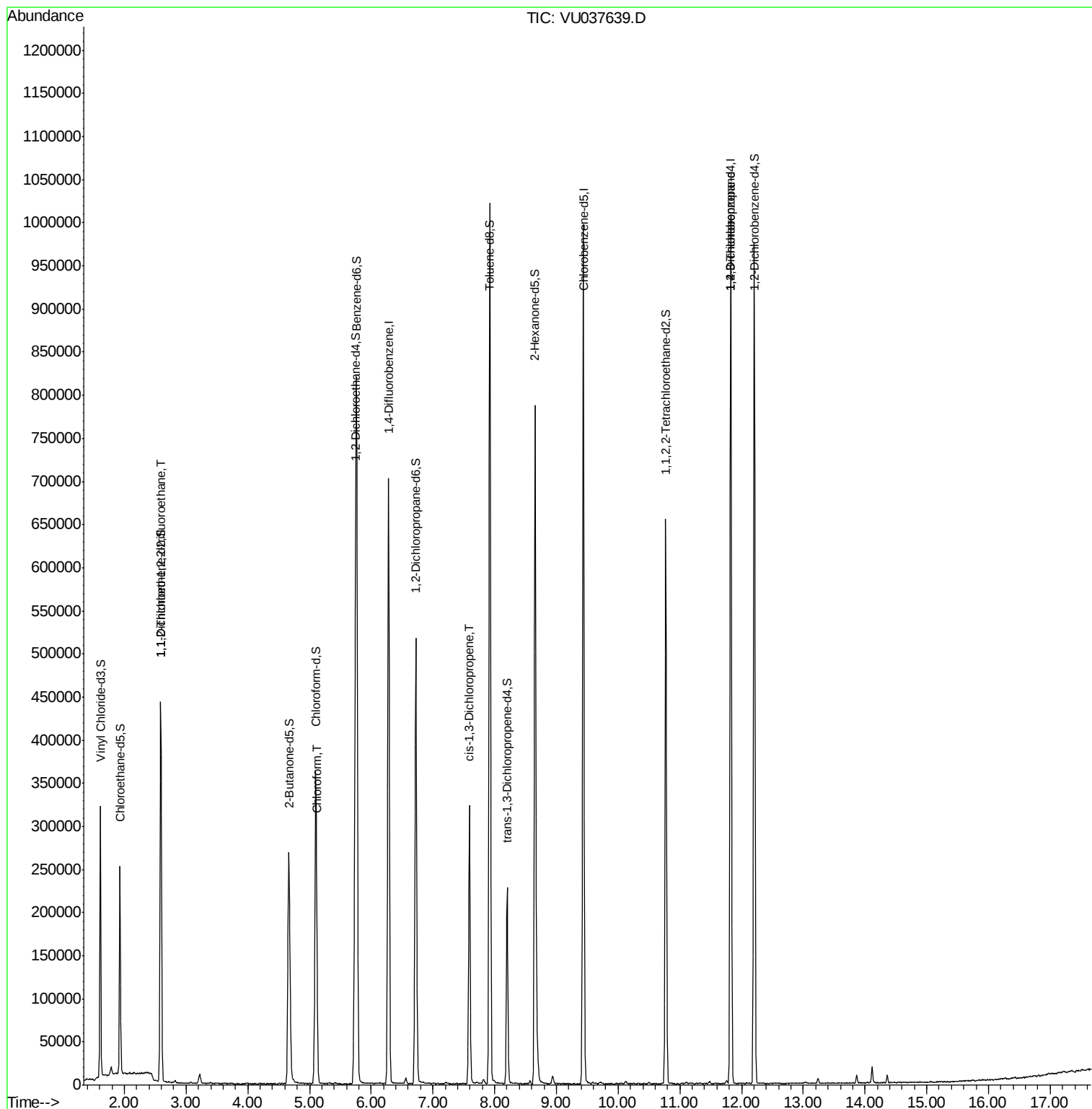
(#) = qualifier out of range (m) = manual integration (+) = signals summed

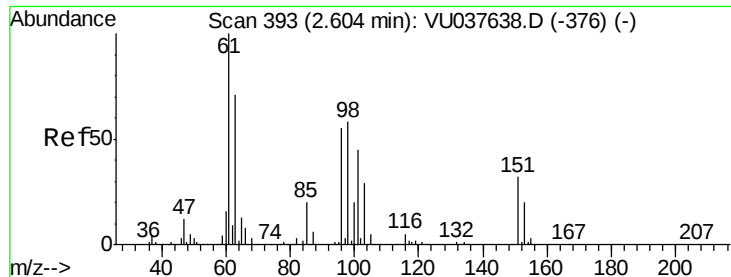
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MSVOA_U
ClientSampleId :
VBLK50

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QLast Update : Fri Apr 10 06:05:13 2020
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#10

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

Concen: 0.735 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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Acq: 10 Apr 2020 00:04

Instrument :

MSVOA_U

ClientSampleId :

VBLK50

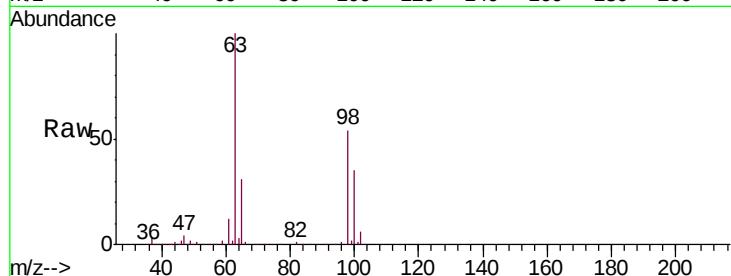
Tgt Ion: 101 Resp: 2512

Ion Ratio Lower Upper

101 100

85 7.6 34.5 51.7#

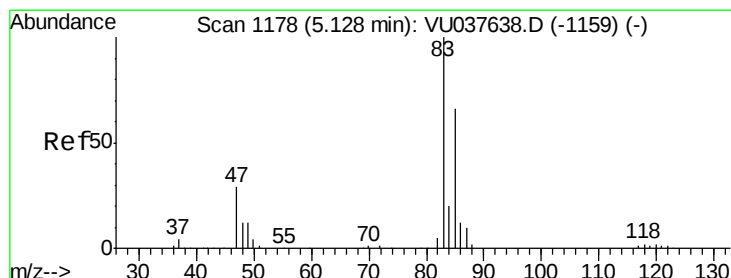
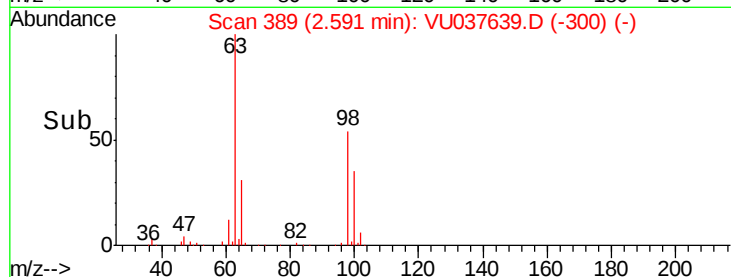
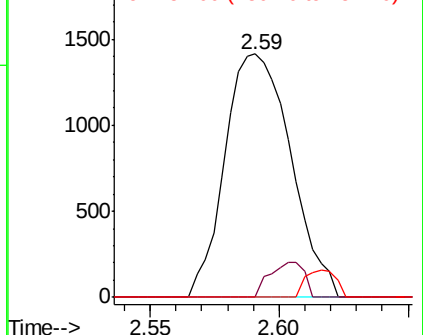
151 5.1 56.8 85.2#



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: 1.042 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

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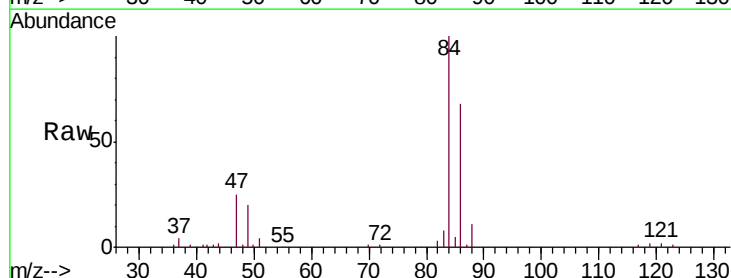
Acq: 10 Apr 2020 00:04

Tgt Ion: 83 Resp: 7153

Ion Ratio Lower Upper

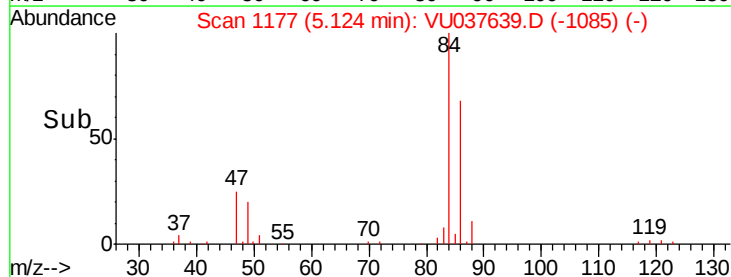
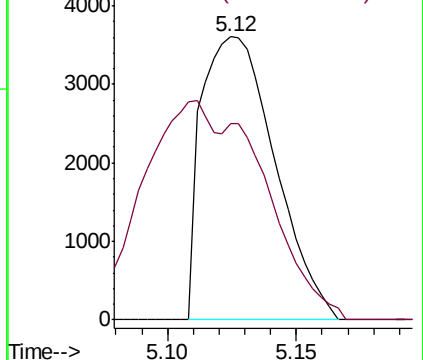
83 100

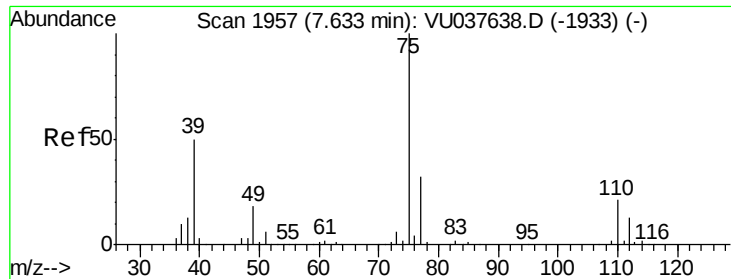
85 69.4 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

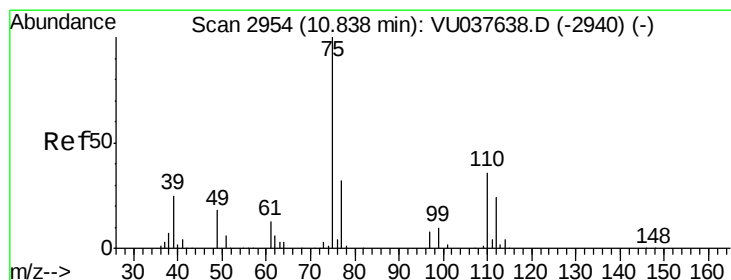
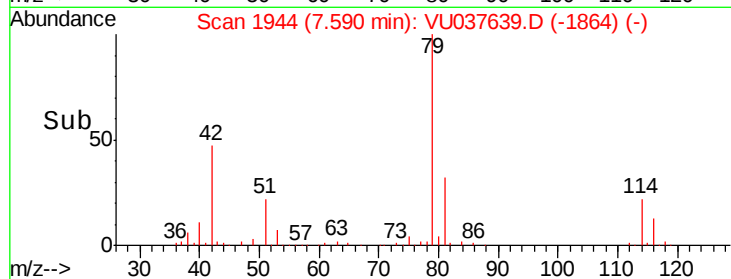
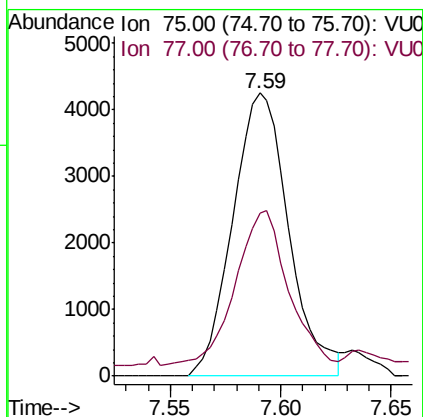
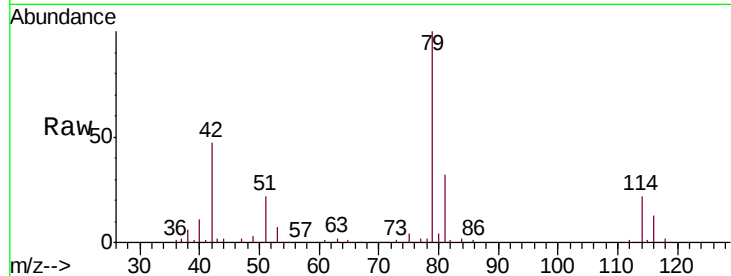




#39
 cis-1,3-Dichloropropene
 Concen: 1.063 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
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 MSVOA_U
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 VBLK50

Tgt Ion: 75 Resp: 7494
 Ion Ratio Lower Upper
 75 100
 77 57.7 22.1 41.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.946 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037639.D
 Acq: 10 Apr 2020 00:04

Tgt Ion: 75 Resp: 34796
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.6 38.4

