

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038775.D
 Acq On : 10 Jun 2020 13:18
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jun 11 00:53:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	561145	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	554089	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	252908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	207801	66.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	132.56%
7) Chloroethane-d5	1.93	69	162768	66.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	133.84%#
11) 1,1-Dichloroethene-d2	2.59	63	315616	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
21) 2-Butanone-d5	4.67	46	373427	122.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.43%
24) Chloroform-d	5.10	84	395411	58.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.00%
26) 1,2-Dichloroethane-d4	5.74	65	272647	60.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.72%
32) Benzene-d6	5.76	84	818913	61.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.72%
36) 1,2-Dichloropropane-d6	6.72	67	245643	59.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.44%
41) Toluene-d8	7.92	98	709337	58.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.62%
43) trans-1,3-Dichloropropene-	8.20	79	115394	55.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.44%
47) 2-Hexanone-d5	8.65	63	270176	123.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.39%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	340759	55.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	273965	62.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.78%#

Target Compounds

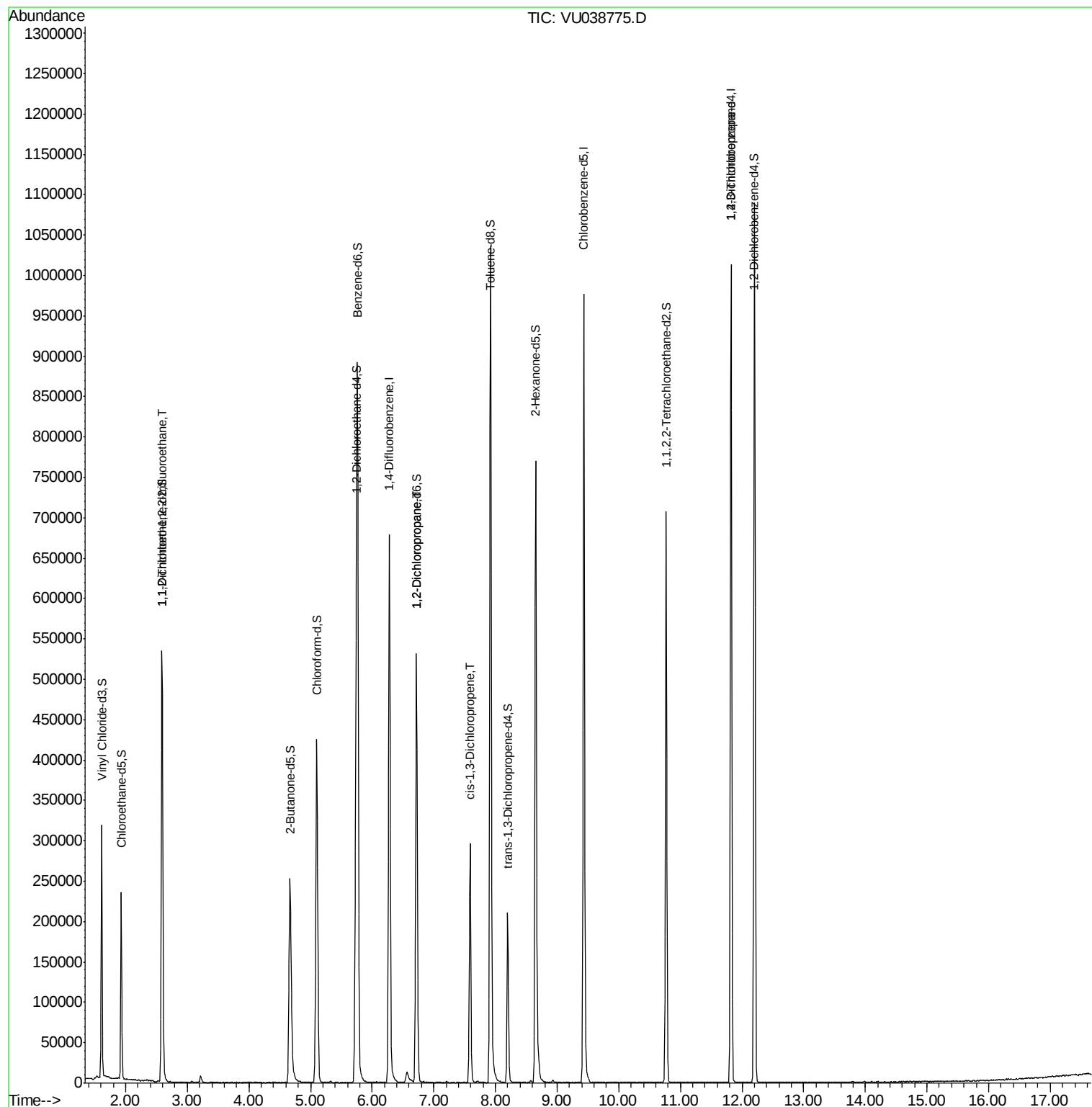
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2906	0.806 ug/L #	21
37) 1,2-Dichloropropane	6.72	63	28386	6.620 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	7039	1.064 ug/L #	68
59) 1,2,3-Trichloropropane	11.82	75	31679	5.269 ug/L	90

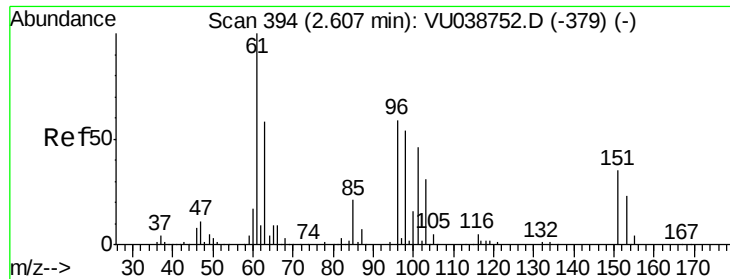
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.806 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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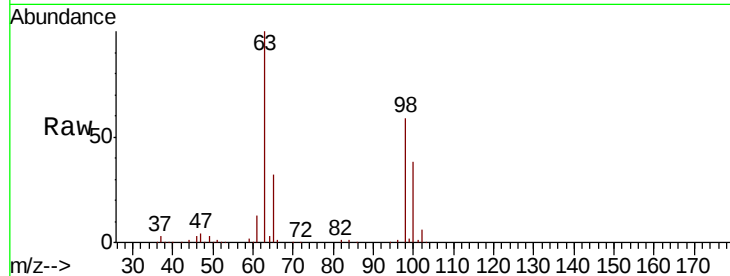
Tot Ion:101 Resp: 2906

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

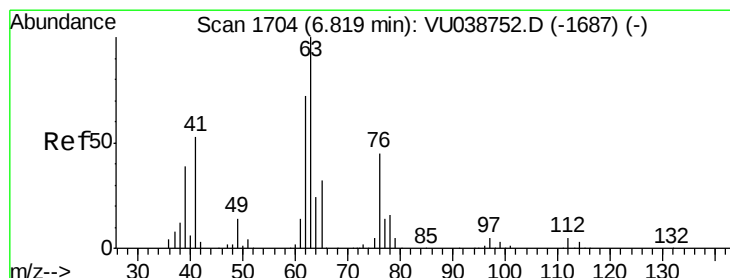
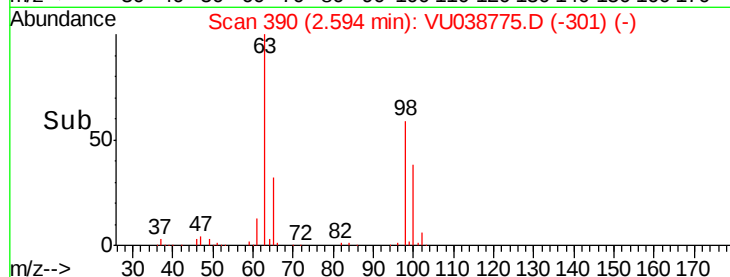
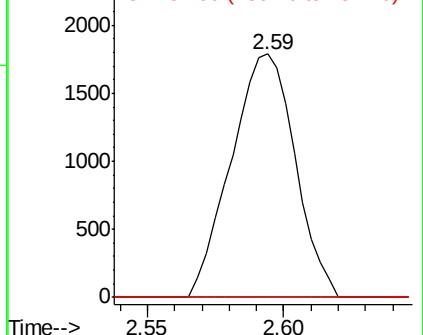
151 0.0 57.4 86.0#



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



#37

1,2-Dichloropropane

Concen: 6.620 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038775.D

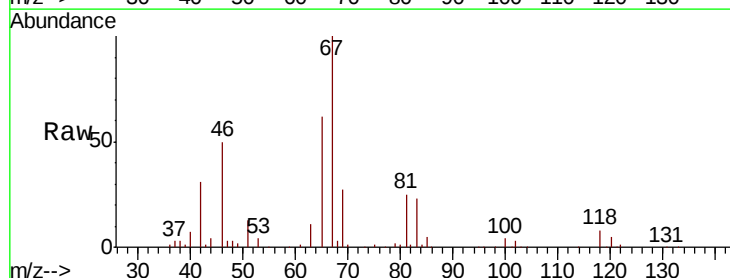
Acq: 10 Jun 2020 13:18

Tgt Ion: 63 Resp: 28386

Ion Ratio Lower Upper

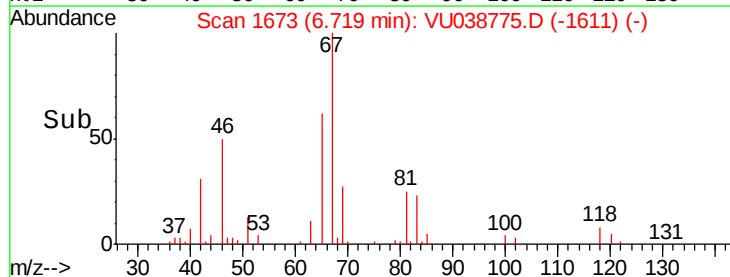
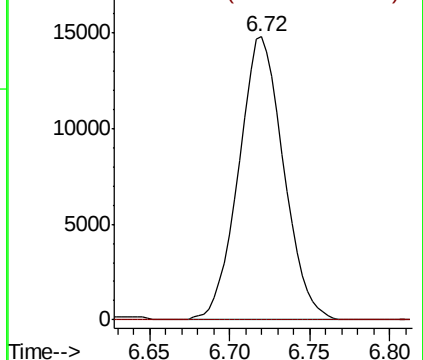
63 100

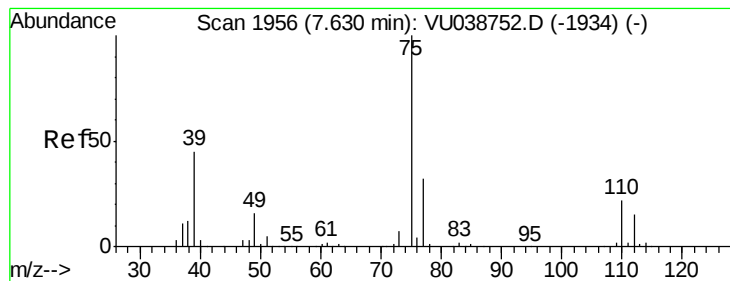
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



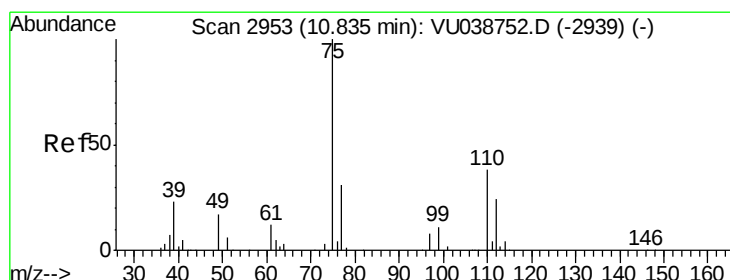
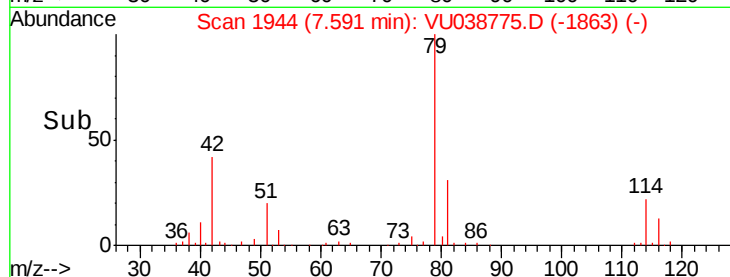
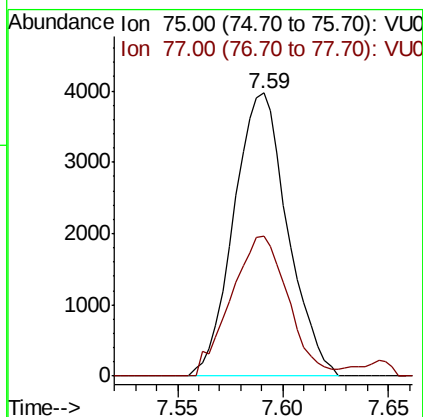
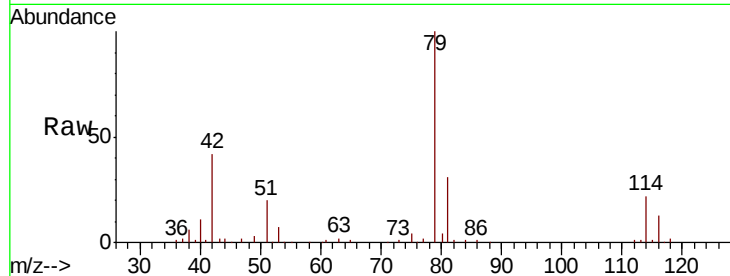


#39

cis-1,3-Dichloropropene
 Concen: 1.064 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
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Tot Ion: 75 Resp: 7039
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.2 41.2#



#59

1,2,3-Trichloropropane
 Concen: 5.269 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.99 min
 Lab File: VU038775.D
 Acq: 10 Jun 2020 13:18

Tgt Ion: 75 Resp: 31679
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.3 37.9

