

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037385.D
 Acq On : 27 Mar 2020 21:45
 Operator : JC/MD
 Sample : L1976-18 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:57:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265666	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83571	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.08%
7) Chloroethane-d5	1.93	69	67605	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.10%
11) 1,1-Dichloroethene-d2	2.59	63	131453	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	4.66	46	152410	99.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.51%
24) Chloroform-d	5.10	84	172963	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.74	65	117828	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
32) Benzene-d6	5.76	84	349126	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
36) 1,2-Dichloropropane-d6	6.72	67	113114	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.92	98	335818	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%
43) trans-1,3-Dichloropropene-	8.20	79	62569	48.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.80%
47) 2-Hexanone-d5	8.65	63	121939	94.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	166526	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	12.20	152	137283	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

Target Compounds

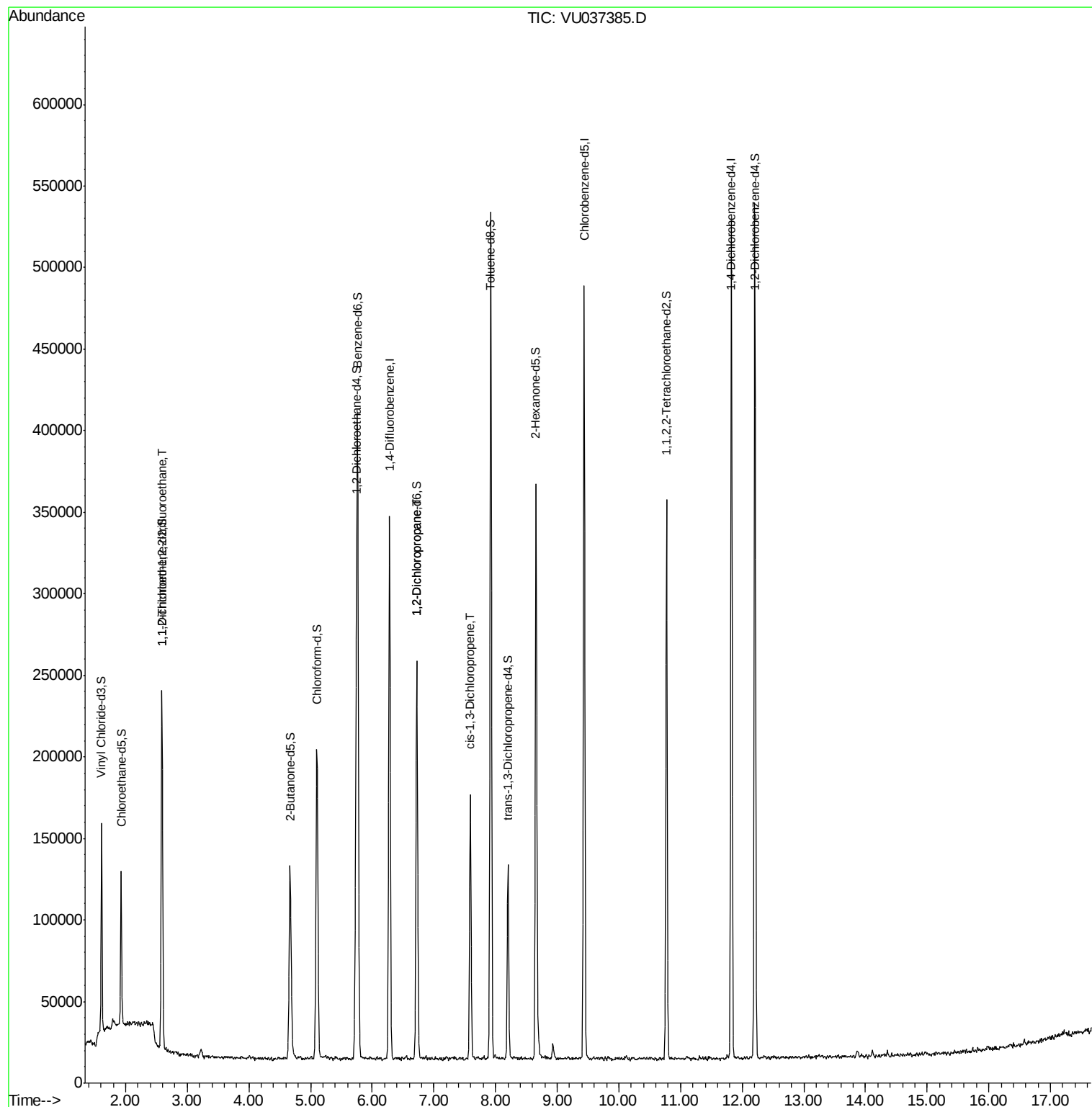
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1526	0.763 ug/L #	21
37) 1,2-Dichloropropane	6.72	63	13193	5.594 ug/L #	90
39) cis-1,3-Dichloropropene	7.59	75	4156	1.047 ug/L #	70

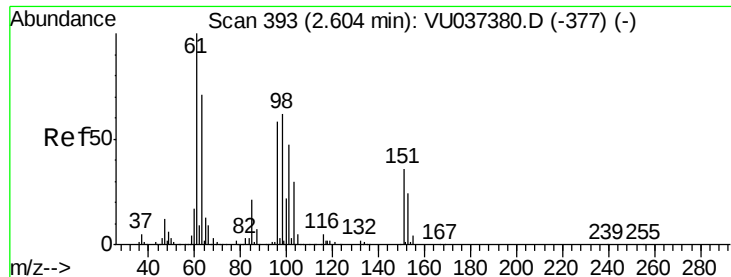
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.763 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037385.D

Acq: 27 Mar 2020 21:45

Instrument :

MSVOA_U

ClientSampled :

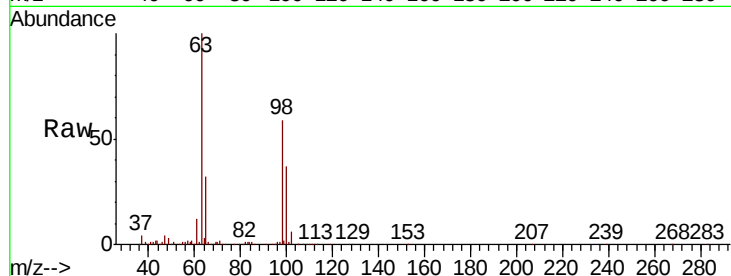
Tot Ion:101 Resp: 1526

Ion Ratio Lower Upper

101 100

85 3.5 35.6 53.4#

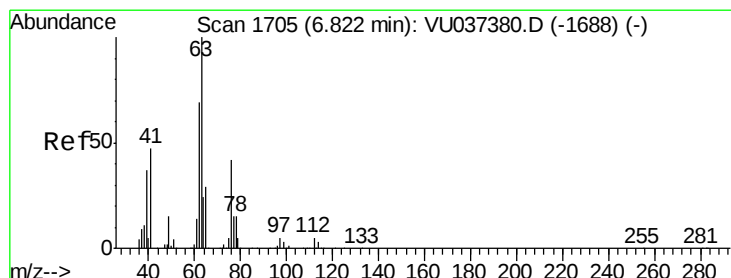
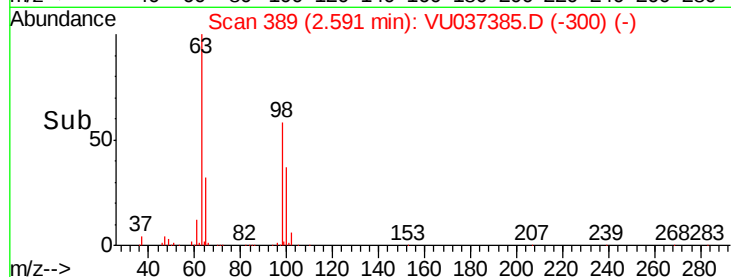
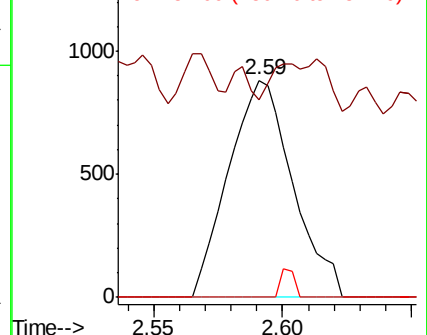
151 0.0 60.2 90.4#



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: 5.594 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037385.D

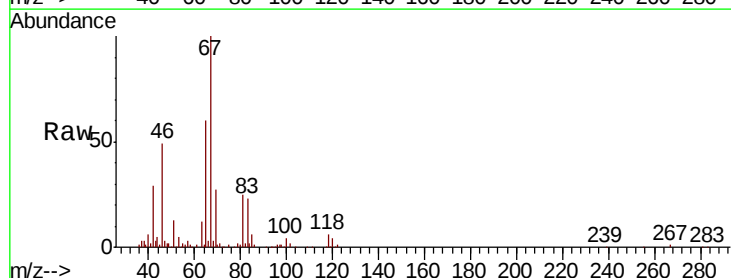
Acq: 27 Mar 2020 21:45

Tgt Ion: 63 Resp: 13193

Ion Ratio Lower Upper

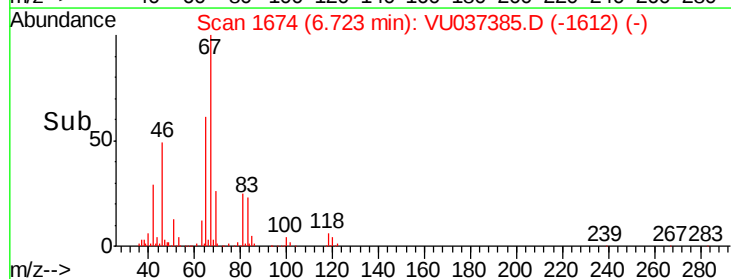
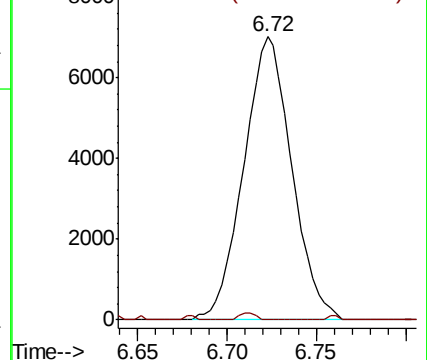
63 100

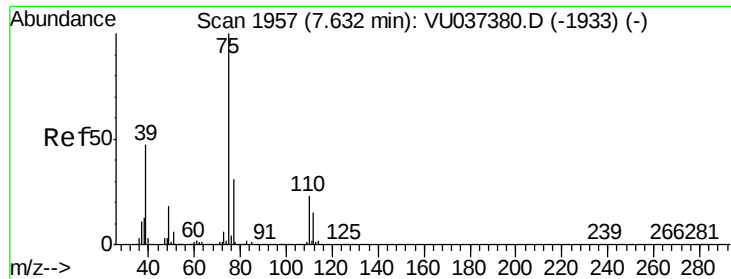
112 0.8 3.4 5.0#



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: 1.047 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037385.D
 Acq: 27 Mar 2020 21:45

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 4156
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.5 41.9#

