

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037386.D
 Acq On : 27 Mar 2020 22:08
 Operator : JC/MD
 Sample : L1975-03 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:57:47 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	260812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130211	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82997	49.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.22%
7) Chloroethane-d5	1.93	69	67108	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.18%
11) 1,1-Dichloroethene-d2	2.59	63	129178	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	4.67	46	153231	101.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.91%
24) Chloroform-d	5.10	84	168191	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
26) 1,2-Dichloroethane-d4	5.74	65	115175	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
32) Benzene-d6	5.76	84	341157	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.16%
36) 1,2-Dichloropropane-d6	6.72	67	110636	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.92	98	326717	50.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.94%
43) trans-1,3-Dichloropropene-	8.20	79	61287	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
47) 2-Hexanone-d5	8.65	63	116276	91.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.85%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	164554	49.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.74%
64) 1,2-Dichlorobenzene-d4	12.20	152	135185	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

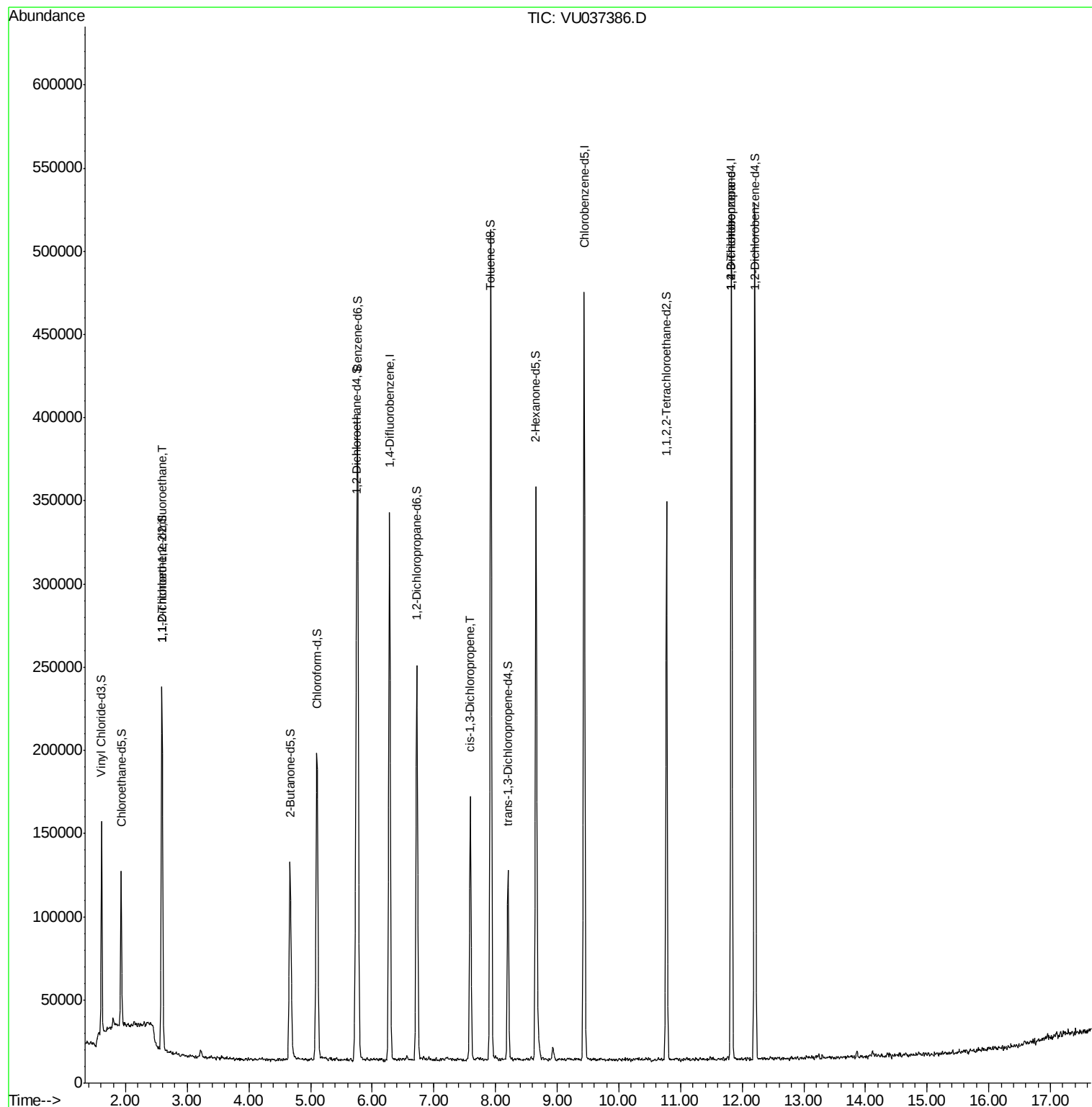
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1436	0.731 ug/L #	29
39) cis-1,3-Dichloropropene	7.59	75	4119	1.055 ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	16315	5.113 ug/L	95

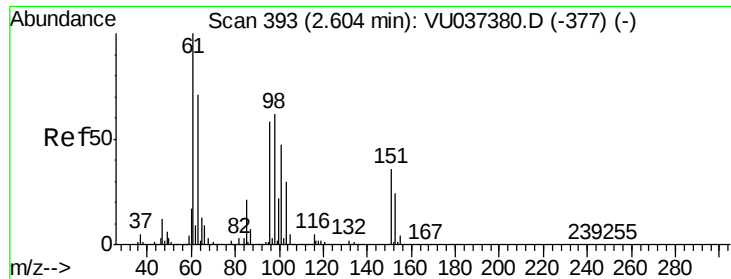
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.731 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037386.D

Acq: 27 Mar 2020 22:08

Instrument :

MSVOA_U

ClientSampled :

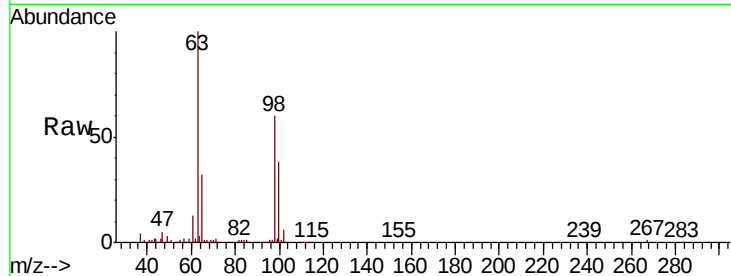
Tot Ion:101 Resp: 1436

Ion Ratio Lower Upper

101 100

85 17.9 35.6 53.4#

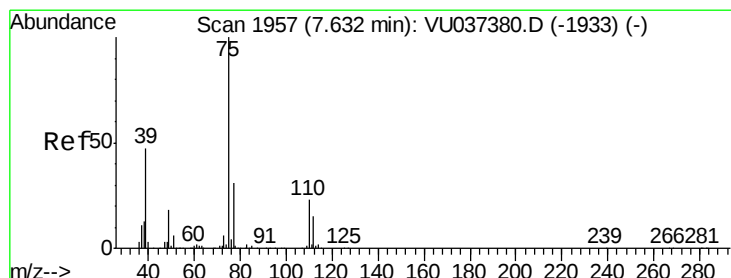
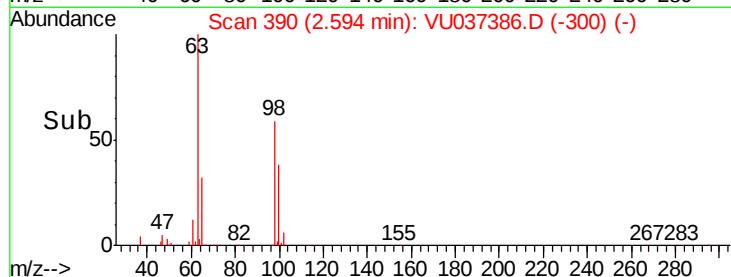
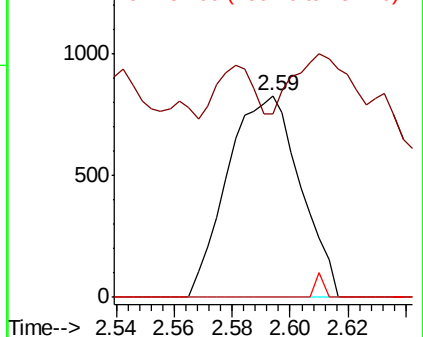
151 0.0 60.2 90.4#



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



#39

cis-1,3-Dichloropropene

Concen: 1.055 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037386.D

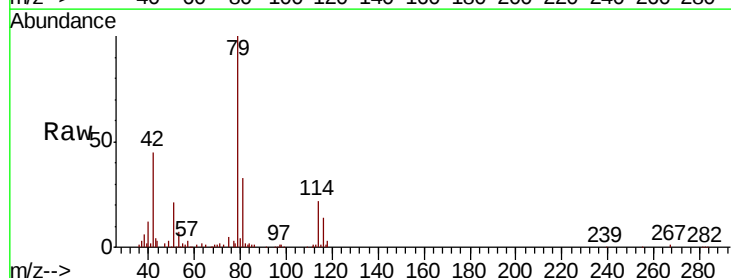
Acq: 27 Mar 2020 22:08

Tgt Ion: 75 Resp: 4119

Ion Ratio Lower Upper

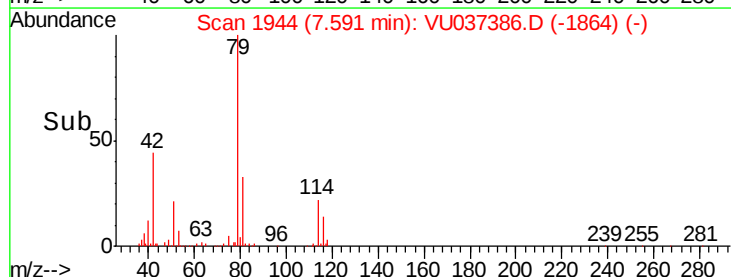
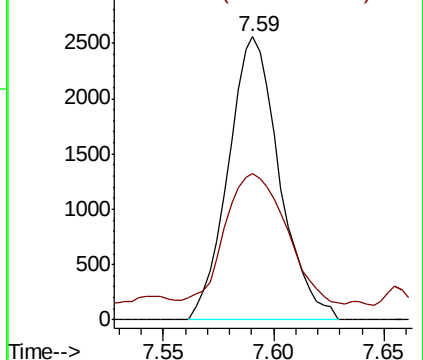
75 100

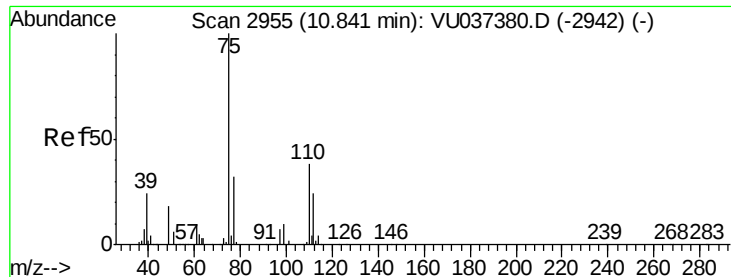
77 51.5 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.113 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037386.D

Acq: 27 Mar 2020 22:08

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MSVOA_U

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Tot Ion: 75 Resp: 16315

Ion Ratio Lower Upper

75 100

77 34.6 25.6 38.4

