

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037327.D
 Acq On : 17 Mar 2020 19:09
 Operator : JC/MD
 Sample : L1494-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONJ1

Quant Time: Mar 18 04:37:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 02:36:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	418117	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	409269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118808	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.42%
7) Chloroethane-d5	1.93	69	110659	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.84%
11) 1,1-Dichloroethene-d2	2.59	63	184575	31.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.18%
21) 2-Butanone-d5	4.67	46	260789	101.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.83%
24) Chloroform-d	5.10	84	285069	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
26) 1,2-Dichloroethane-d4	5.74	65	210882	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
32) Benzene-d6	5.76	84	523281	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
36) 1,2-Dichloropropane-d6	6.72	67	174784	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.92	98	489097	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%
43) trans-1,3-Dichloropropene-	8.20	79	86510	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
47) 2-Hexanone-d5	8.66	63	186882	97.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	261754	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	12.21	152	179636	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

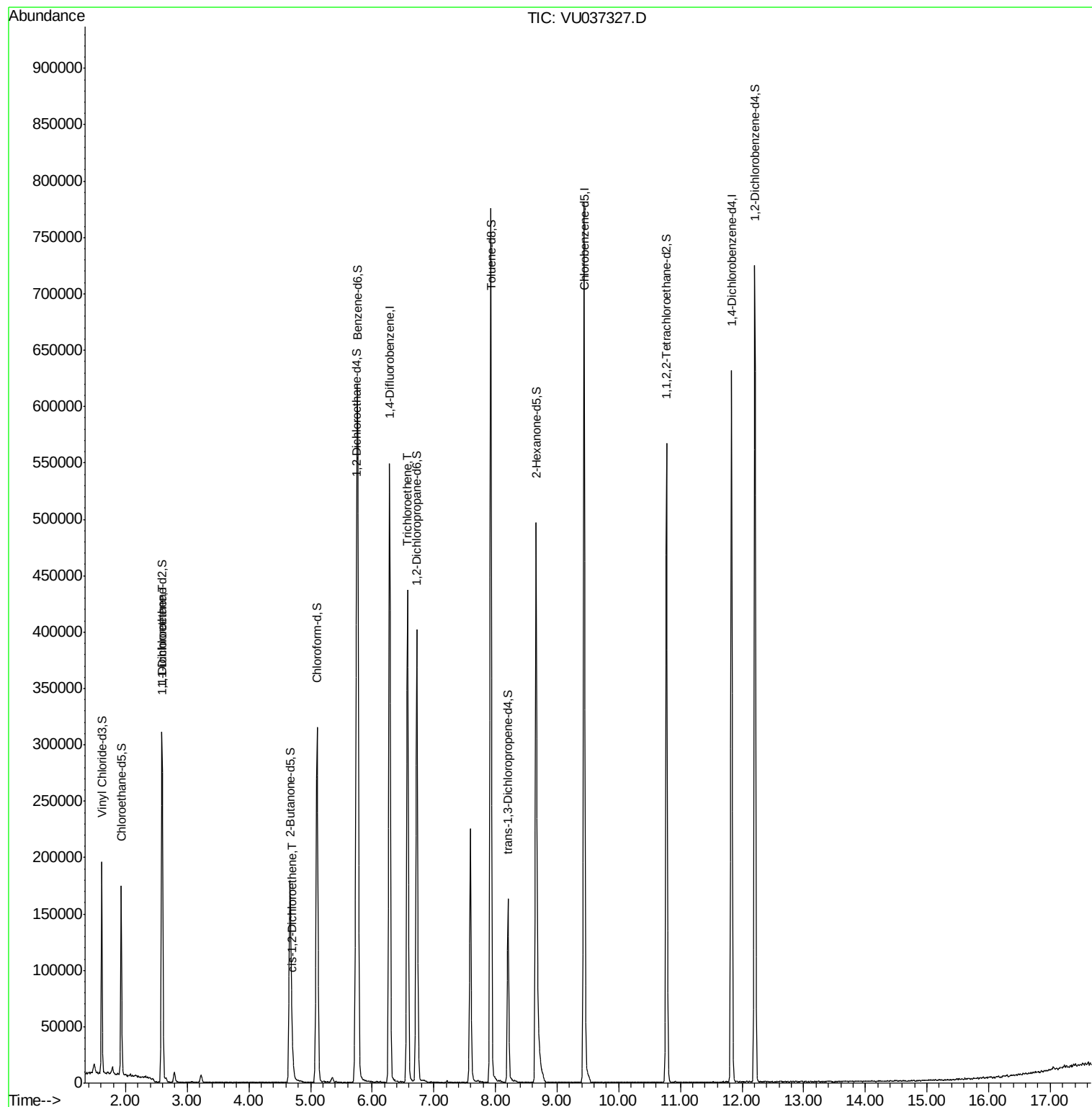
					Ovalue
12) 1,1-Dichloroethene	2.60	96	9521	3.859 ug/L	# 1
20) cis-1,2-Dichloroethene	4.71	96	7623	2.438 ug/L	90
34) Trichloroethene	6.57	95	145428	46.393 ug/L	95

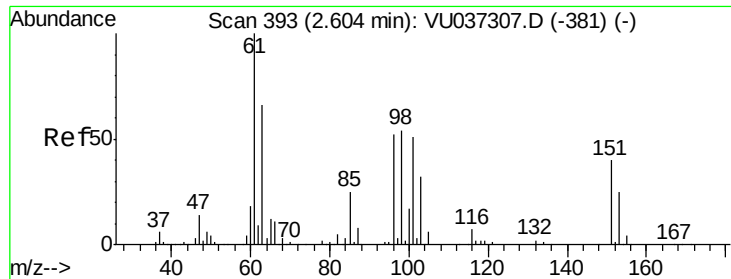
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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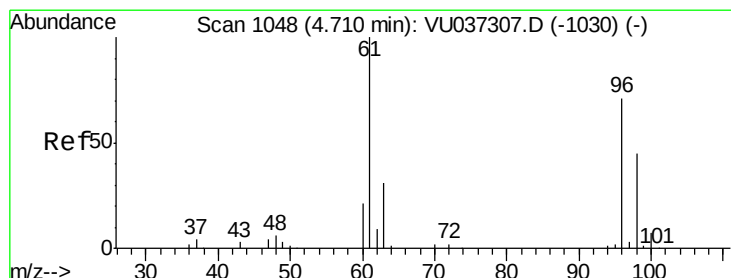
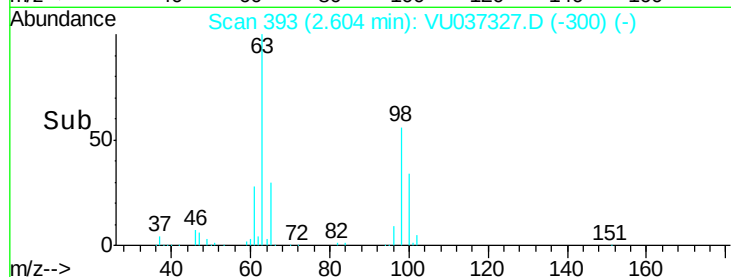
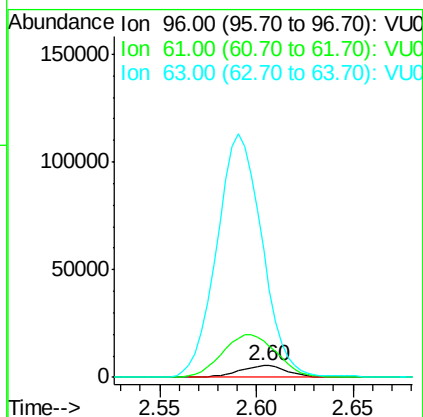
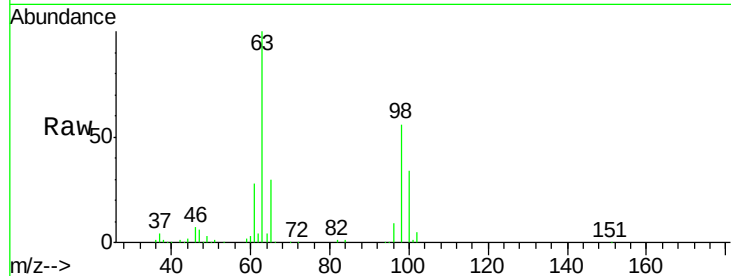




#12
 1,1-Dichloroethene
 Concen: 3.859 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU037327.D
 Acq: 17 Mar 2020 19:09

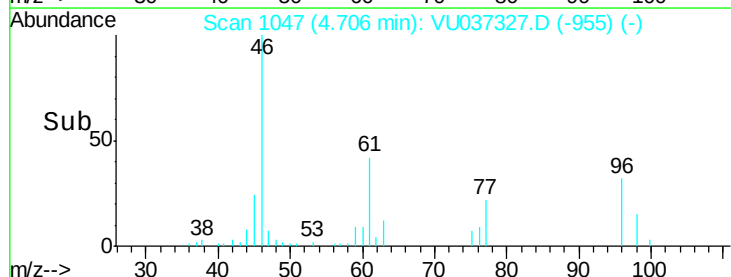
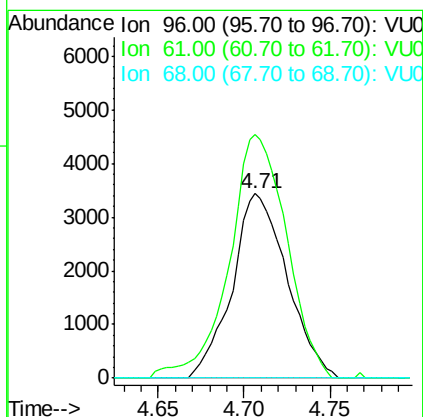
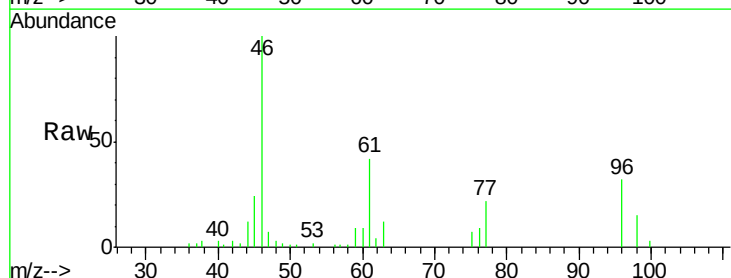
Instrument :
 MSVOA_U
 ClientSampled :
 CONJ1

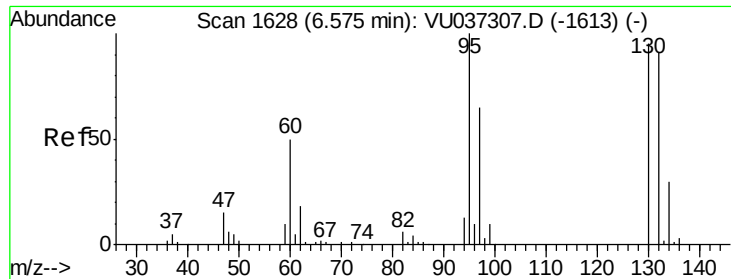
Tot Ion: 96 Resp: 9521
 Ion Ratio Lower Upper
 96 100
 61 309.1 138.8 257.8#
 63 1091.7 106.4 197.6#



#20
 cis-1,2-Dichloroethene
 Concen: 2.438 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037327.D
 Acq: 17 Mar 2020 19:09

Tgt Ion: 96 Resp: 7623
 Ion Ratio Lower Upper
 96 100
 61 131.9 101.2 187.8
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 46.393 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037327.D

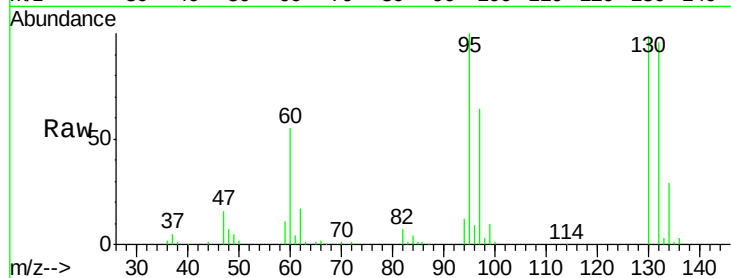
Acq: 17 Mar 2020 19:09

Instrument :

MSVOA_U

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CONJ1



Tot Ion: 95 Resp: 145428

Ion Ratio Lower Upper

95 100

97 64.2 43.8 81.4

132 95.5 62.6 116.3

130 98.6 64.8 120.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

