

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037221.D
 Acq On : 13 Mar 2020 04:01
 Operator : JC/MD
 Sample : L1886-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	383013	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	370181	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152143	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132442	44.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.36%
7) Chloroethane-d5	1.93	69	115012	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.24%
11) 1,1-Dichloroethene-d2	2.59	63	189018	34.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.52%
21) 2-Butanone-d5	4.67	46	254871	108.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.65%
24) Chloroform-d	5.11	84	283220	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
26) 1,2-Dichloroethane-d4	5.74	65	217983	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
32) Benzene-d6	5.76	84	512119	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
36) 1,2-Dichloropropane-d6	6.72	67	170833	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.92	98	471332	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%
43) trans-1,3-Dichloropropene-	8.20	79	85089	46.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.72%
47) 2-Hexanone-d5	8.66	63	176368	102.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	256277	49.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	174296	55.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.46%

Target Compounds

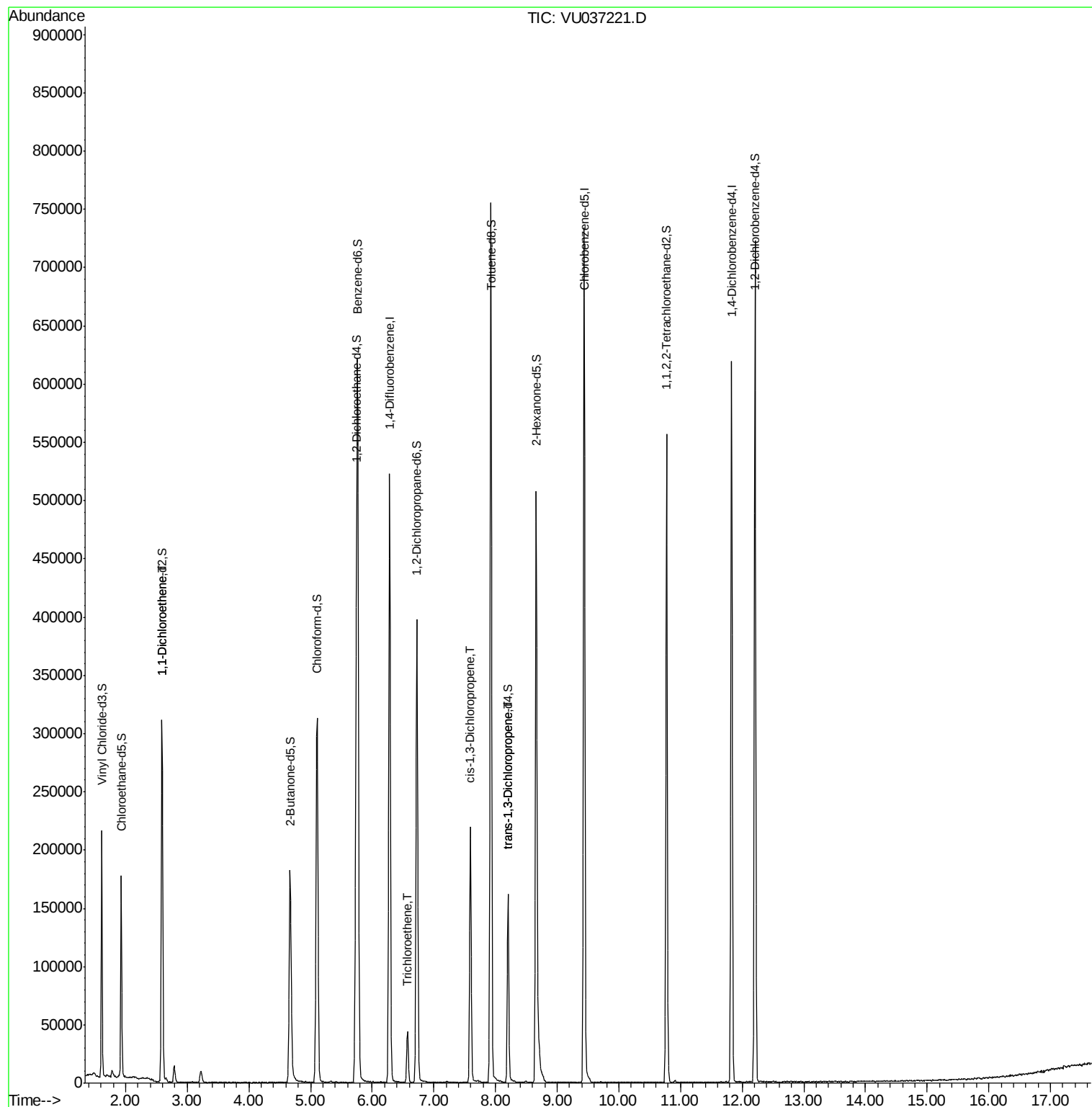
				Ovalue	
12) 1,1-Dichloroethene	2.60	96	1920	0.849 ug/L #	1
34) Trichloroethene	6.57	95	13688	4.828 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	6732	1.400 ug/L #	63
44) trans-1,3-Dichloropropene	8.20	75	4818	1.061 ug/L	91

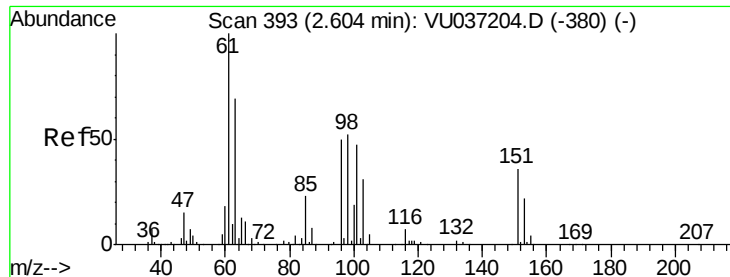
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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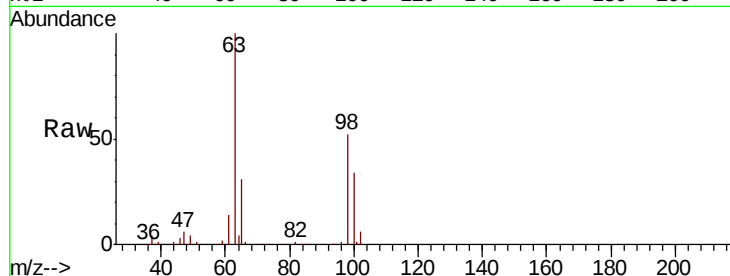




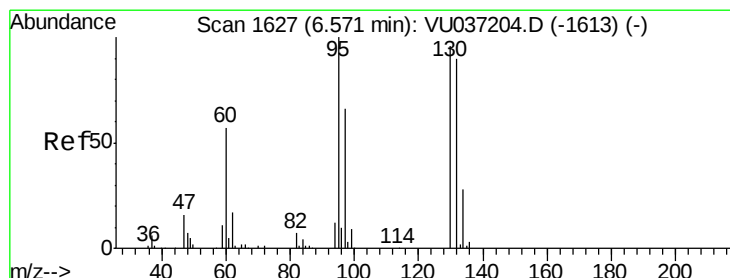
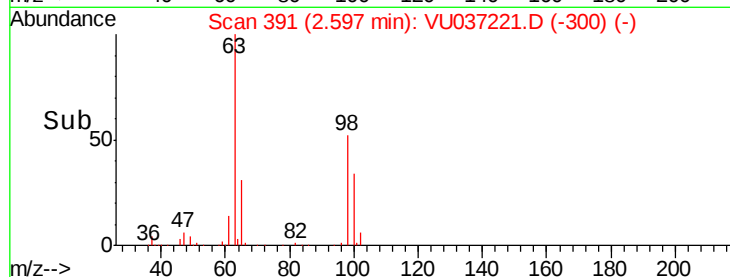
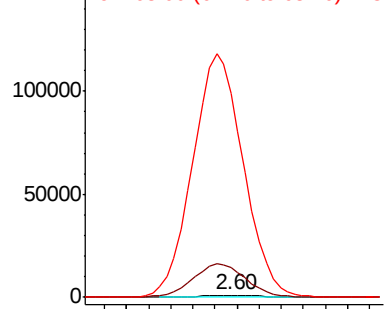
#12
 1,1-Dichloroethene
 Concen: 0.849 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU037221.D
 Acq: 13 Mar 2020 04:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 1920
 Ion Ratio Lower Upper
 96 100
 61 1432.6 138.8 257.8#
 63 9946.6 106.4 197.6#

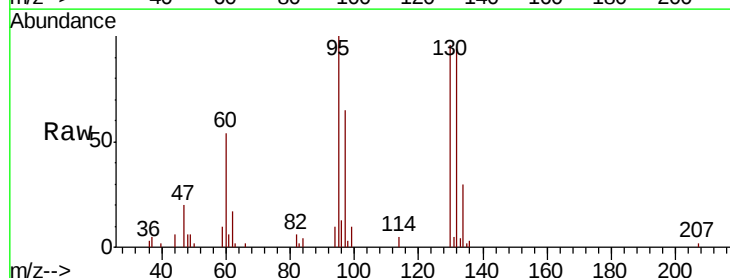


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

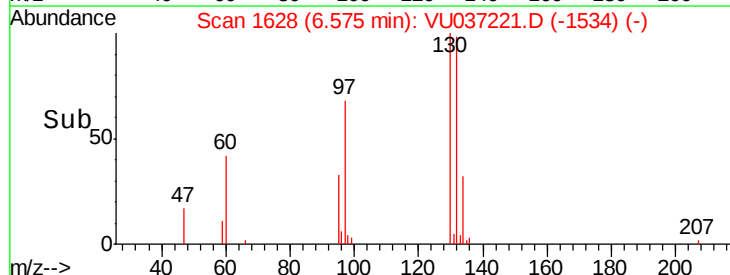
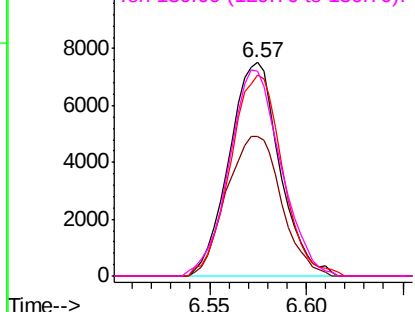


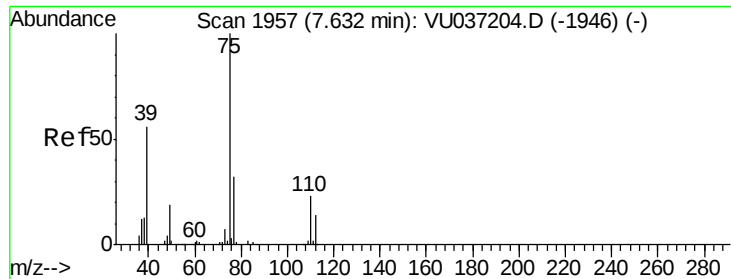
#34
 Trichloroethene
 Concen: 4.828 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037221.D
 Acq: 13 Mar 2020 04:01

Tgt Ion: 95 Resp: 13688
 Ion Ratio Lower Upper
 95 100
 97 65.5 43.8 81.4
 132 93.8 62.6 116.3
 130 95.9 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



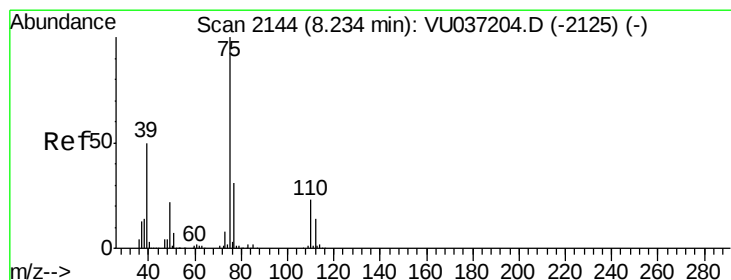
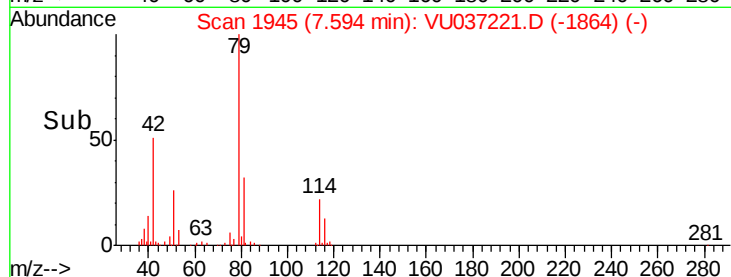
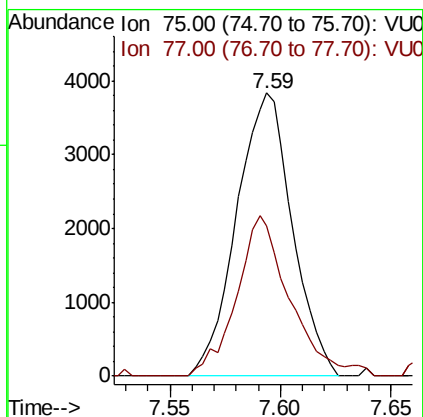
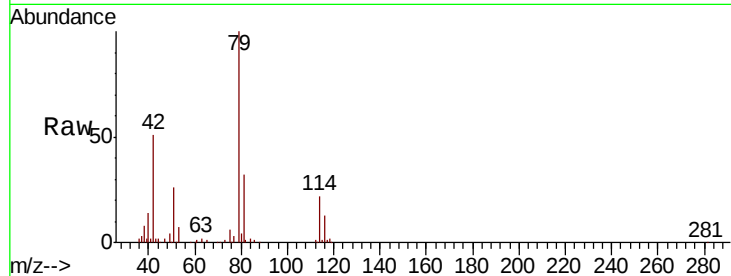


#39

cis-1,3-Dichloropropene
Concen: 1.400 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037221.D
Acq: 13 Mar 2020 04:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 6732
Ion Ratio Lower Upper
75 100
77 52.9 22.5 41.9#



#44

trans-1,3-Dichloropropene
Concen: 1.061 ug/L
RT: 8.20 min Scan# 2134
Delta R.T. -0.03 min
Lab File: VU037221.D
Acq: 13 Mar 2020 04:01

Tgt Ion: 75 Resp: 4818
Ion Ratio Lower Upper
75 100
77 36.7 22.1 41.1

