

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037096.D
 Acq On : 05 Mar 2020 20:20
 Operator : JC/MD
 Sample : L1784-13 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B01

Quant Time: Mar 05 22:40:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	235590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83093	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71406	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.56%
7) Chloroethane-d5	1.93	69	75349	43.72	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.44%
11) 1,1-Dichloroethene-d2	2.59	63	103735	29.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.48%#
21) 2-Butanone-d5	4.67	46	147594	105.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.64%
24) Chloroform-d	5.10	84	149513	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.74	65	106331	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.76	84	317666	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.26%
36) 1,2-Dichloropropane-d6	6.72	67	107375	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.92	98	278100	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	42749	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.36%
47) 2-Hexanone-d5	8.66	63	97136	90.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.01%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	151334	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	84166	51.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.64%

Target Compounds

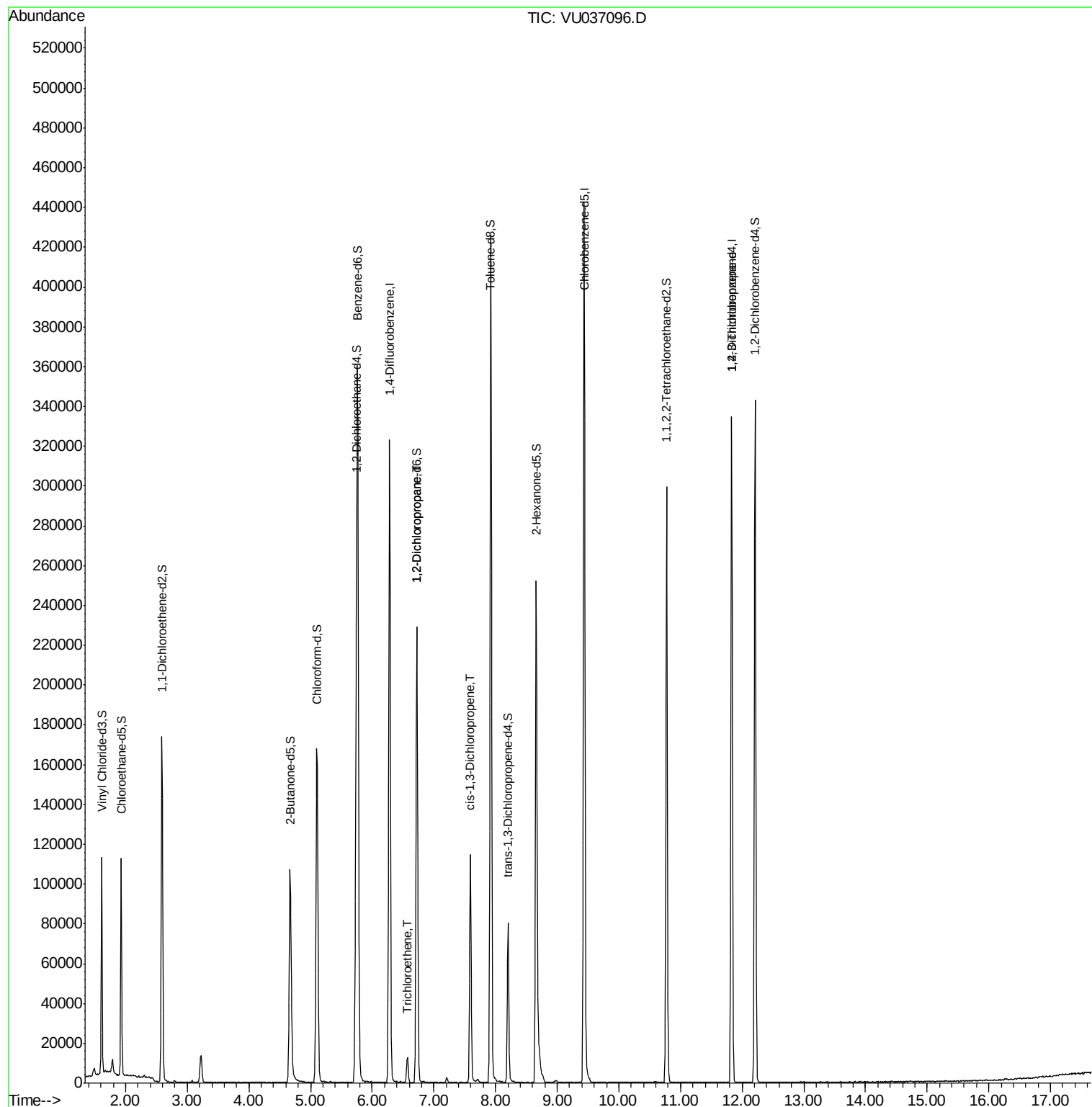
					Ovalue
34) Trichloroethene	6.57	95	3761	2.056 ug/L	93
37) 1,2-Dichloropropane	6.72	63	11612	5.795 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2535	0.821 ug/L #	45
59) 1,2,3-Trichloropropane	11.83	75	13268	5.147 ug/L	90

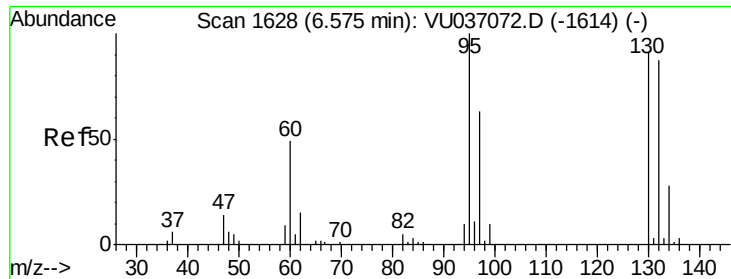
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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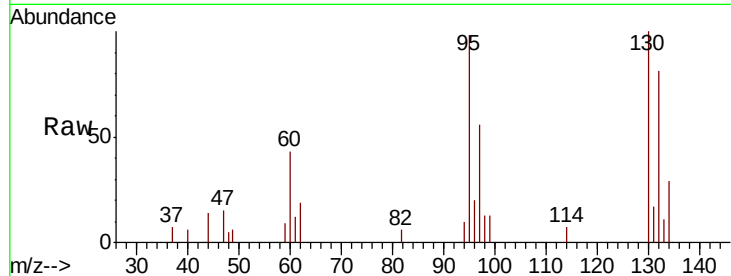




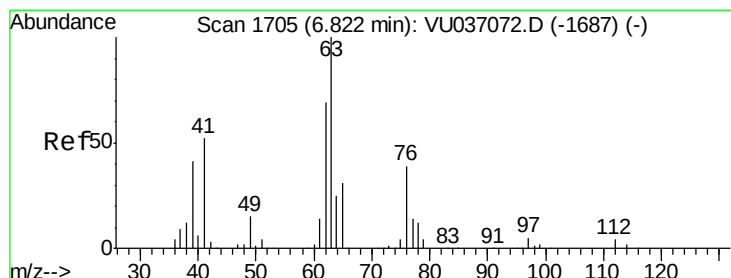
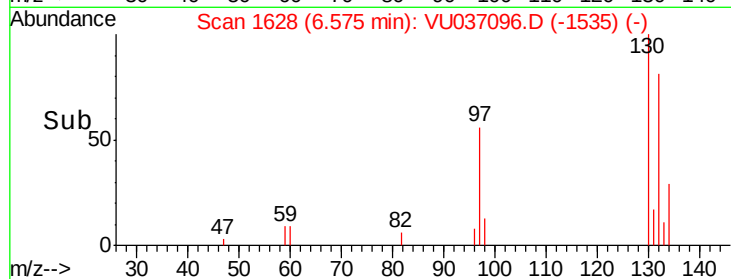
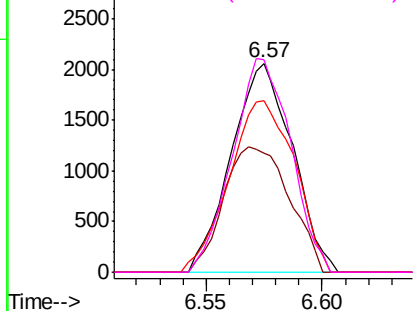
#34
 Trichloroethene
 Concen: 2.056 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037096.D
 Acq: 05 Mar 2020 20:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B01

Tot Ion: 95 Resp: 3761
 Ion Ratio Lower Upper
 95 100
 97 57.2 44.1 81.9
 132 82.2 60.6 112.6
 130 102.0 64.9 120.5

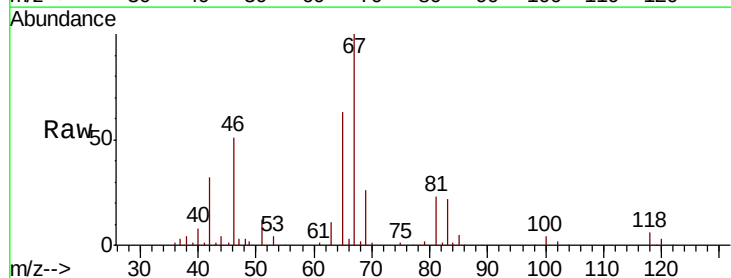


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

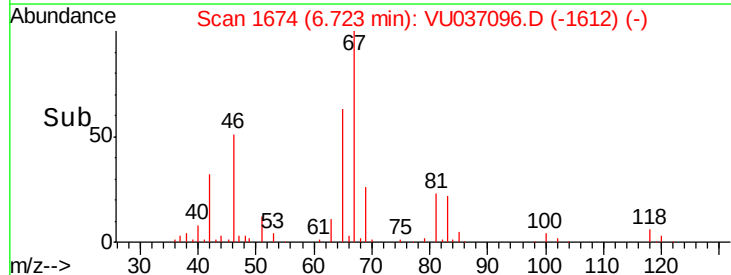
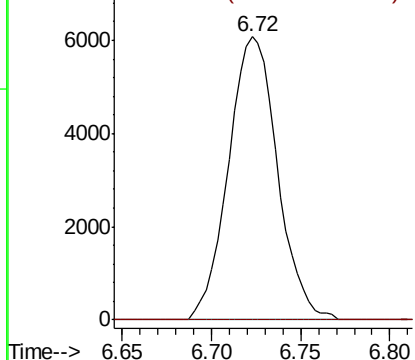


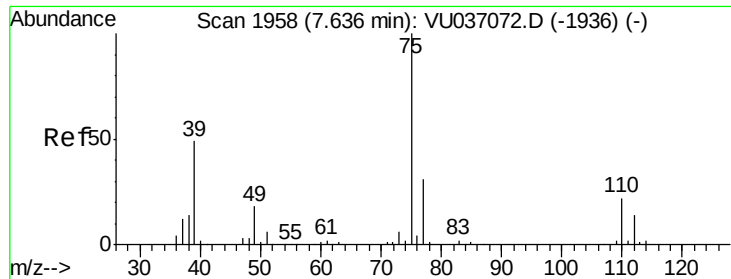
#37
 1,2-Dichloropropane
 Concen: 5.795 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037096.D
 Acq: 05 Mar 2020 20:20

Tgt Ion: 63 Resp: 11612
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

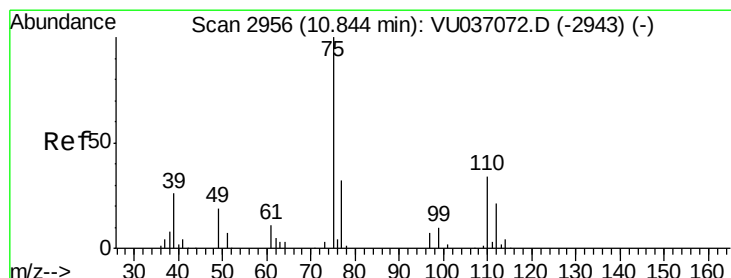
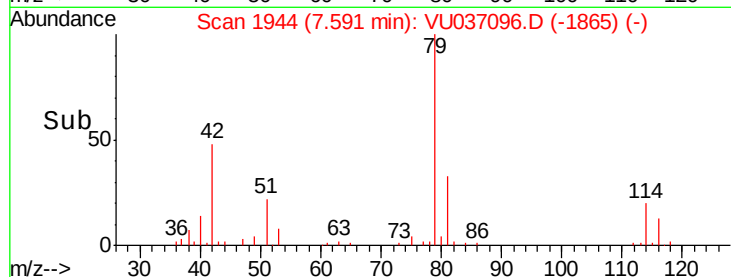
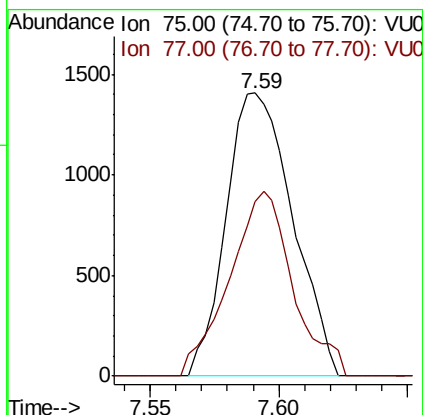
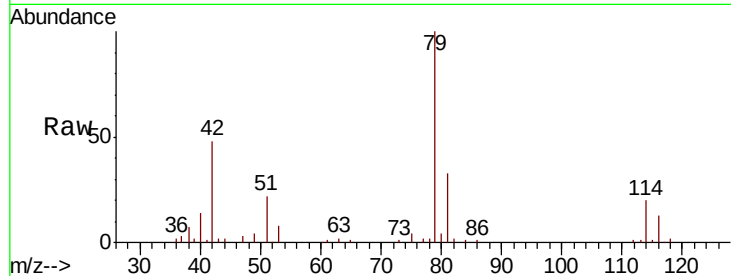




#39
 cis-1,3-Dichloropropene
 Concen: 0.821 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037096.D
 Acq: 05 Mar 2020 20:20

Instrument :
 MSVOA_U
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 C0B01

Tot Ion: 75 Resp: 2535
 Ion Ratio Lower Upper
 75 100
 77 61.8 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.147 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037096.D
 Acq: 05 Mar 2020 20:20

Tgt Ion: 75 Resp: 13268
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.2 39.2

