

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037109.D
 Acq On : 06 Mar 2020 15:08
 Operator : JC/MD
 Sample : L1834-01 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:03:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268055	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	259325	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91351	40.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.16%
7) Chloroethane-d5	1.93	69	84919	45.59	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.18%
11) 1,1-Dichloroethene-d2	2.59	63	119868	31.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.60%
21) 2-Butanone-d5	4.67	46	139601	92.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.45%
24) Chloroform-d	5.10	84	150885	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
26) 1,2-Dichloroethane-d4	5.74	65	105417	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	5.76	84	331888	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.72	67	109239	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.92	98	290898	41.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.62%
43) trans-1,3-Dichloropropene-	8.20	79	44191	39.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.28%
47) 2-Hexanone-d5	8.66	63	91858	77.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	146238	42.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.38%
64) 1,2-Dichlorobenzene-d4	12.21	152	81404	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

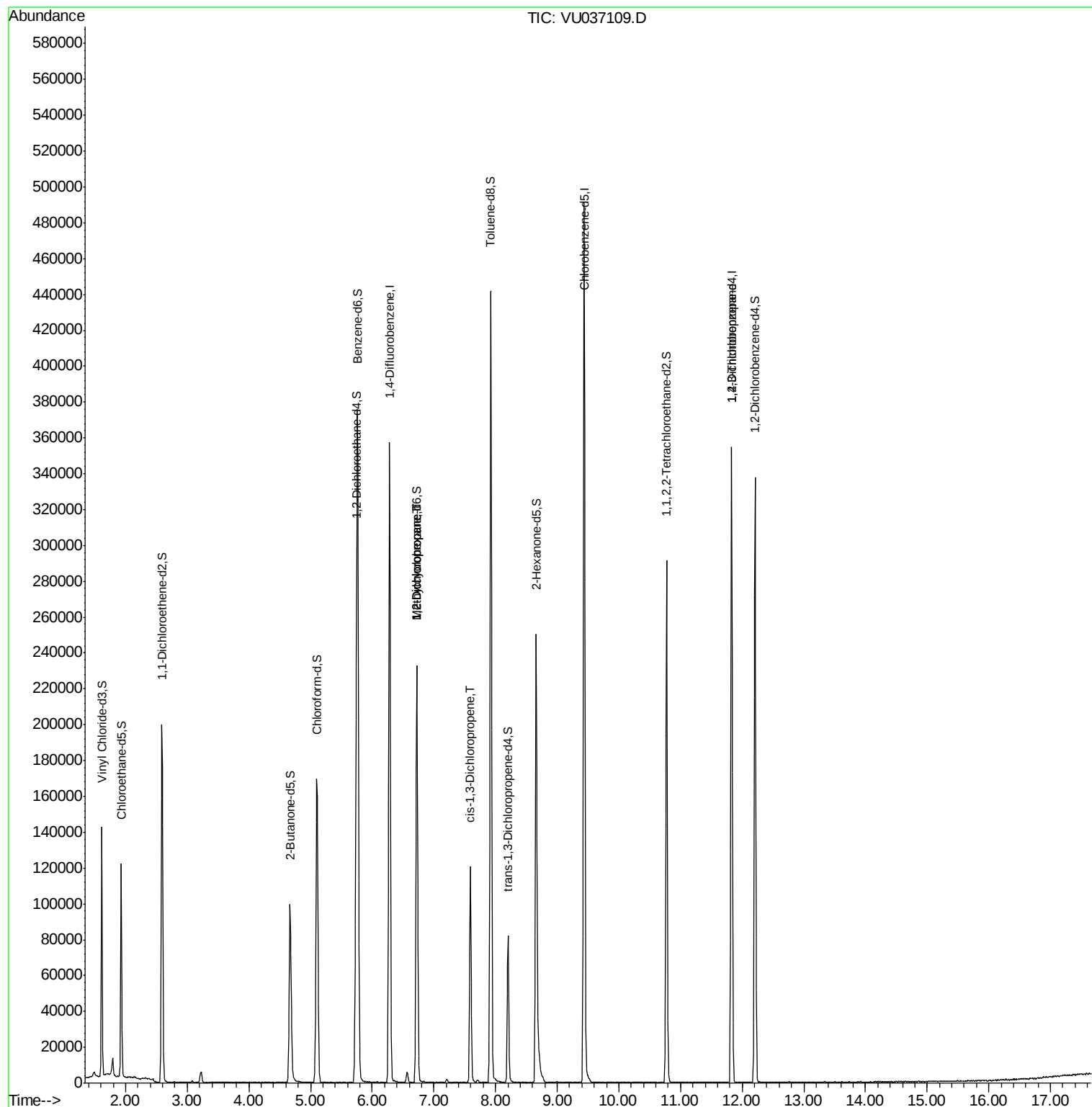
					Ovalue
35) Methylcyclohexane	6.72	83	23796	6.816 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12164	5.514 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2824	0.831 ug/L #	52
59) 1,2,3-Trichloropropane	11.83	75	13986	4.929 ug/L	96

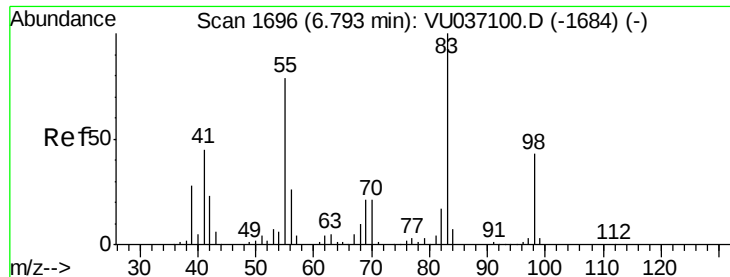
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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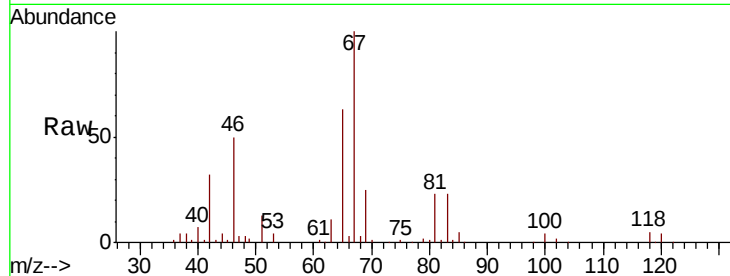




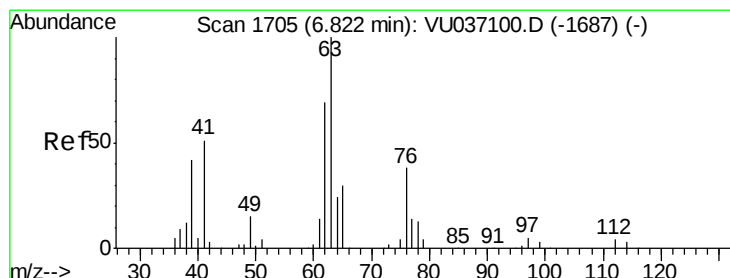
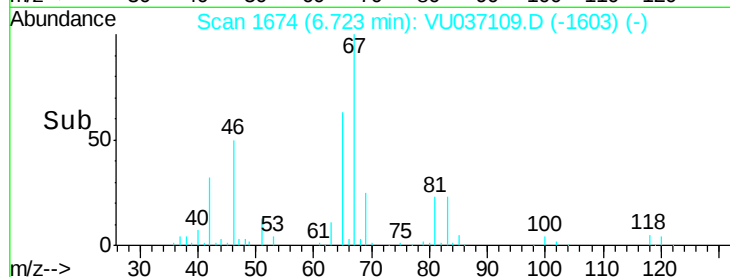
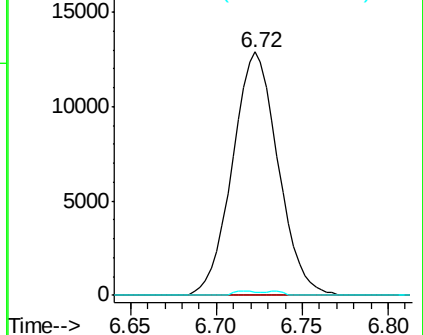
#35
Methvlcvclohexane
Concen: 6.816 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037109.D
Acq: 06 Mar 2020 15:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 23796
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.9 35.1 52.7#

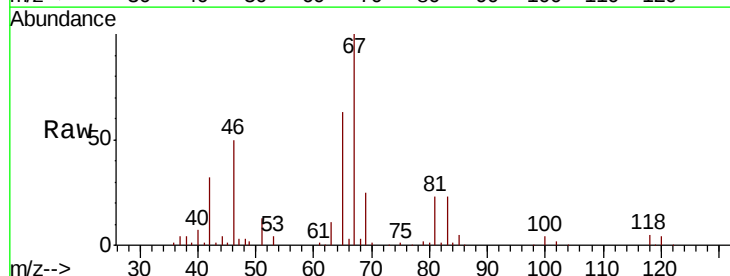


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

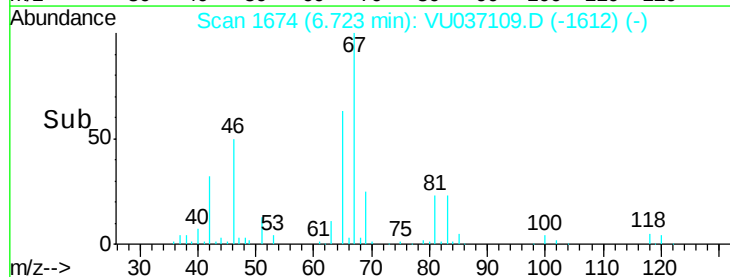
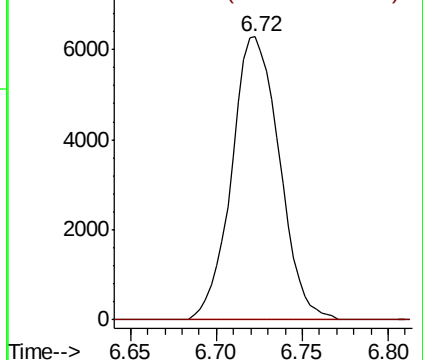


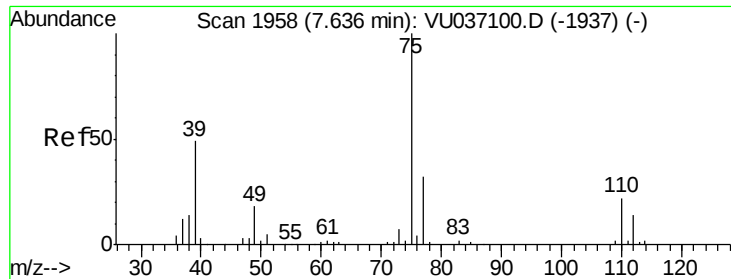
#37
1,2-Dichloropropane
Concen: 5.514 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037109.D
Acq: 06 Mar 2020 15:08

Tgt Ion: 63 Resp: 12164
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

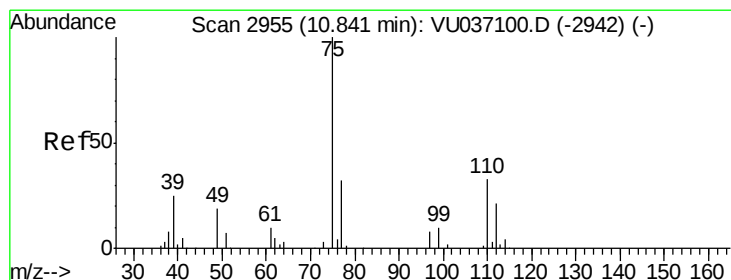
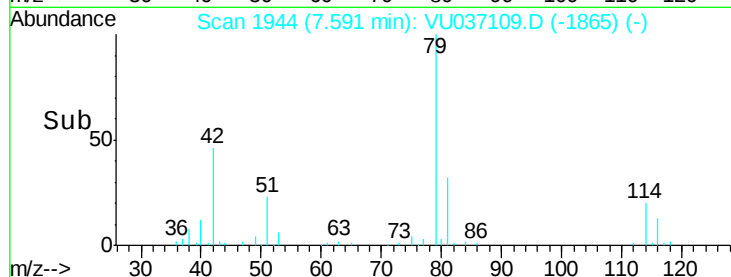
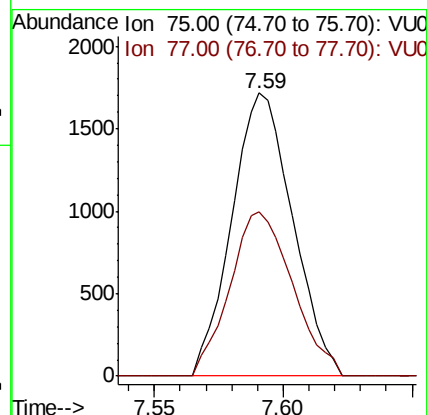
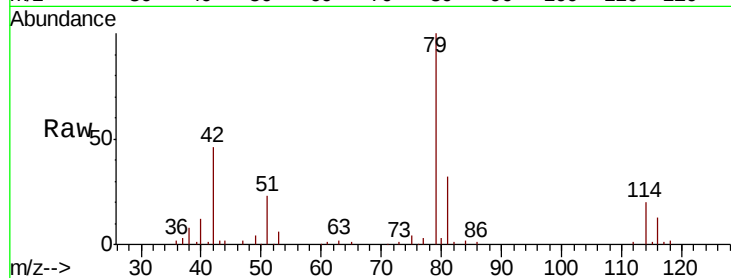




#39
 cis-1,3-Dichloropropene
 Concen: 0.831 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037109.D
 Acq: 06 Mar 2020 15:08

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 2824
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.929 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037109.D
 Acq: 06 Mar 2020 15:08

Tgt Ion: 75 Resp: 13986
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.2 39.2

