

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
 Data File : VU036613.D
 Acq On : 30 Jan 2020 12:50
 Operator : JC/MD
 Sample : L1301-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFM09

Quant Time: Jan 30 13:20:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	313115	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94500	40.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.58%
7) Chloroethane-d5	1.93	69	86244	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.72%
11) 1,1-Dichloroethene-d2	2.59	63	125537	33.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.22%
21) 2-Butanone-d5	4.68	46	145472	104.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.50%
24) Chloroform-d	5.11	84	165246	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
26) 1,2-Dichloroethane-d4	5.75	65	106696	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
32) Benzene-d6	5.77	84	373482	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.73	67	118865	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.58%
41) Toluene-d8	7.93	98	356443	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	8.21	79	55723	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.67	63	125819	106.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.81%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	173091	46.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.68%
64) 1,2-Dichlorobenzene-d4	12.21	152	133184	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%

Target Compounds

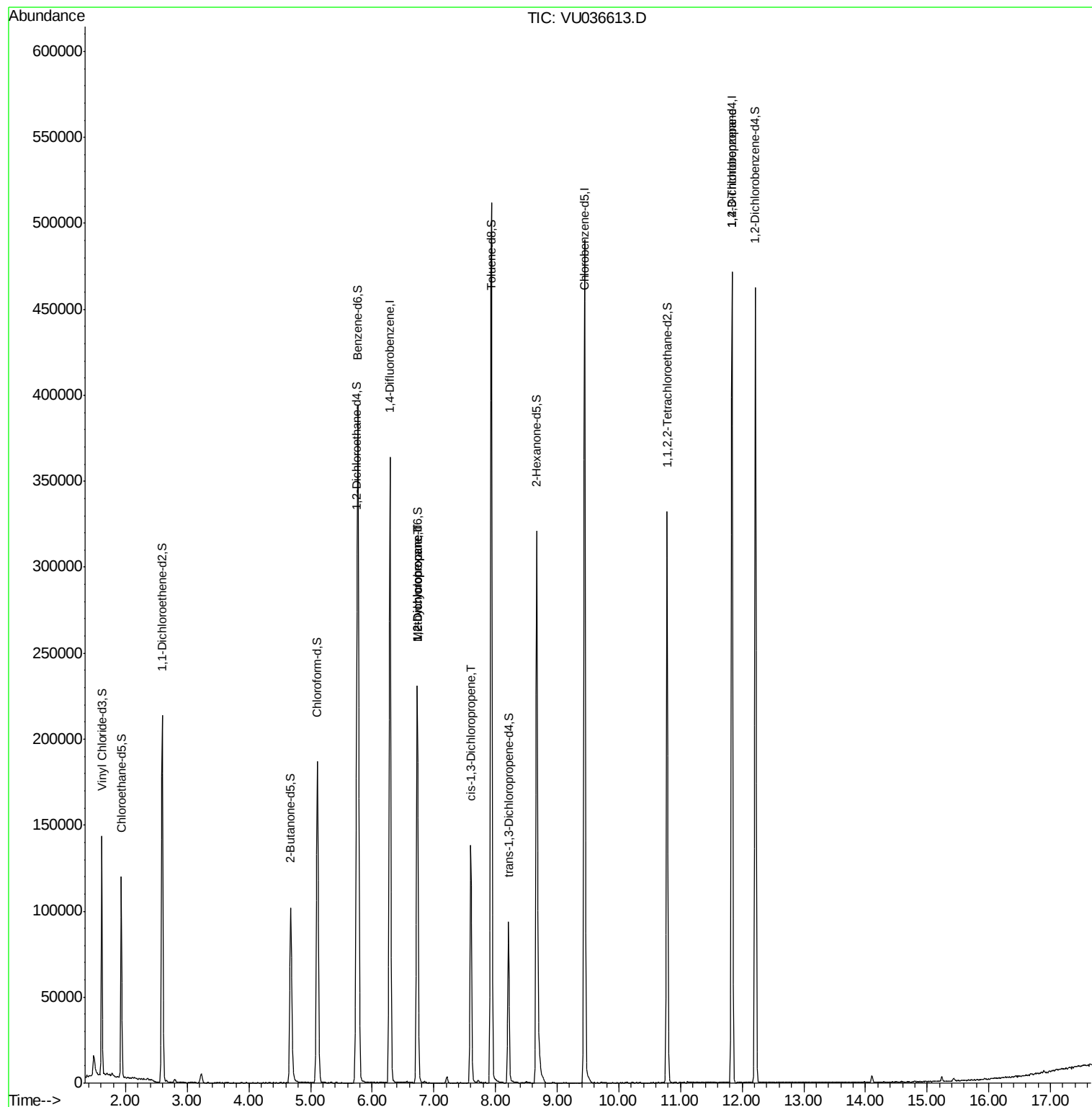
						Qvalue
35) Methylcyclohexane	6.73	83	27013	7.26	ug/L #	21
37) 1,2-Dichloropropane	6.73	63	11767	5.34	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3123	0.88	ug/L #	61
59) 1,2,3-Trichloropropane	11.83	75	14583	4.90	ug/L	92

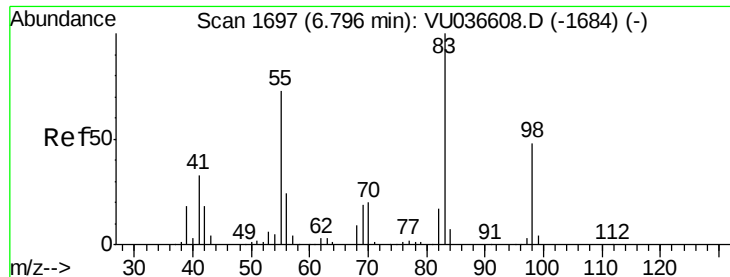
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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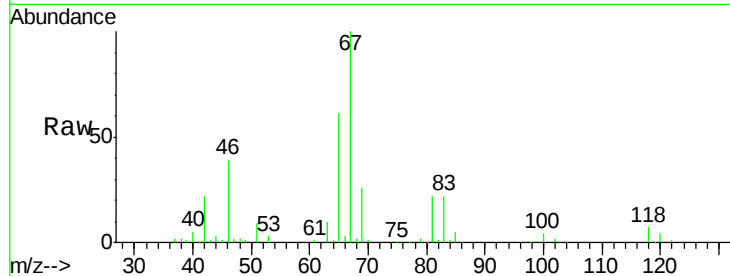




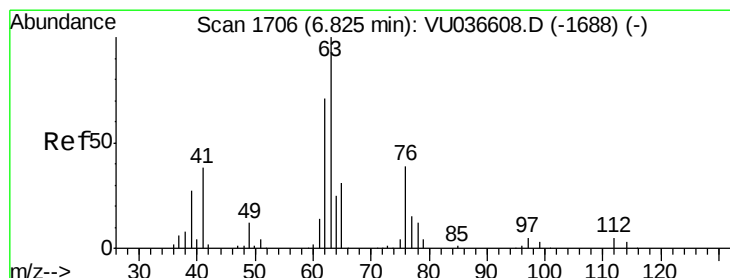
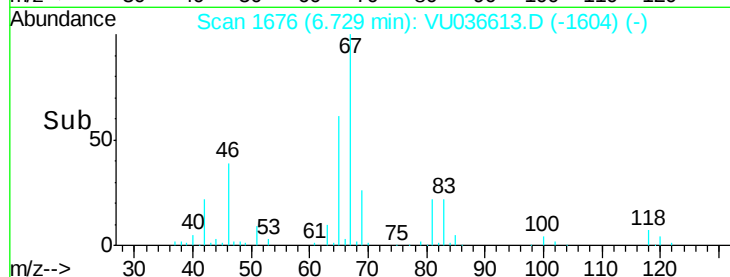
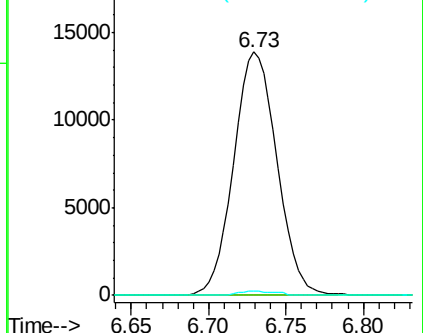
#35
Methylcyclohexane
Concen: 7.26 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036613.D
Acq: 30 Jan 2020 12:50

Instrument :
MSVOA_U
ClientSampled :
BFM09

Tgt Ion: 83 Resp: 27013
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 1.2 37.5 56.3#

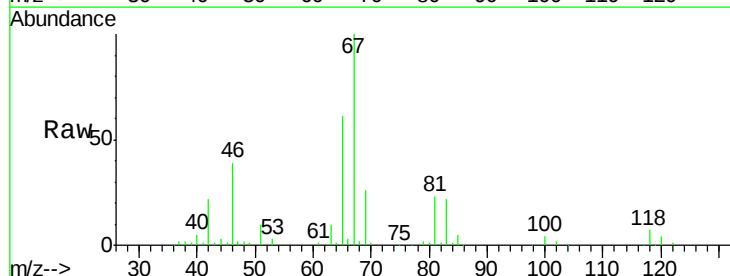


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

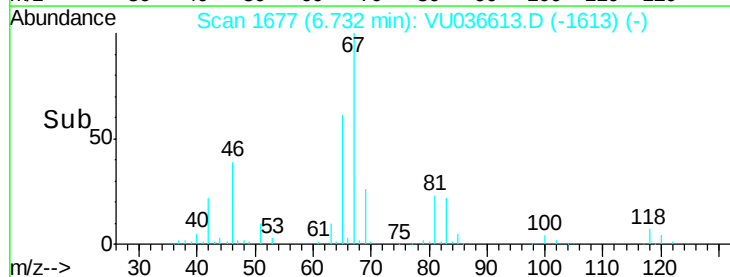
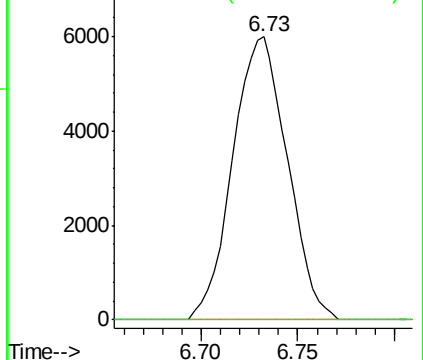


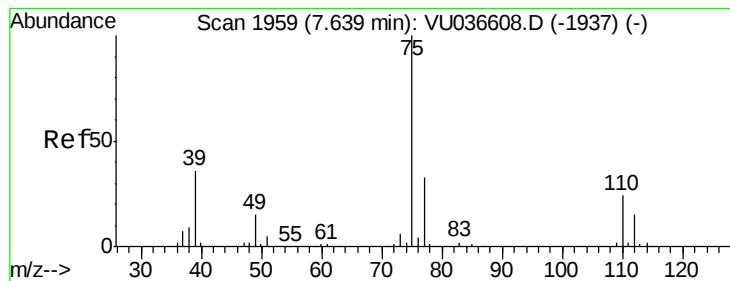
#37
1,2-Dichloropropane
Concen: 5.34 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.09 min
Lab File: VU036613.D
Acq: 30 Jan 2020 12:50

Tgt Ion: 63 Resp: 11767
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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



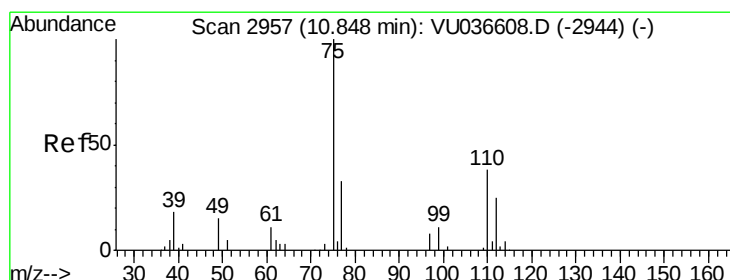
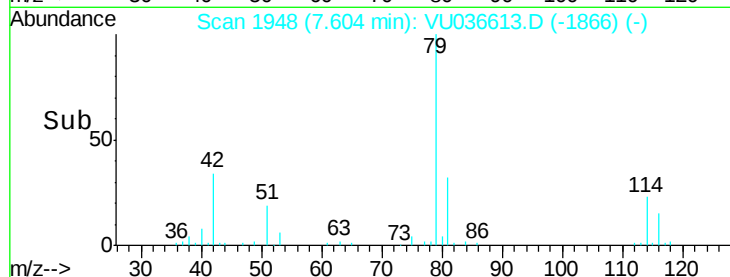
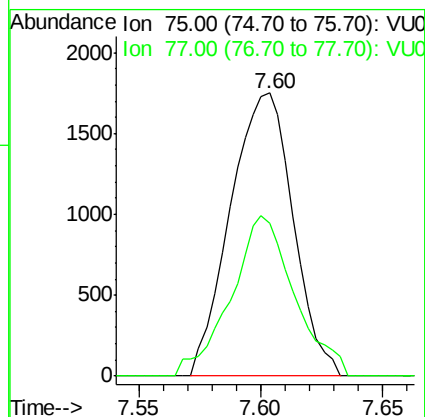
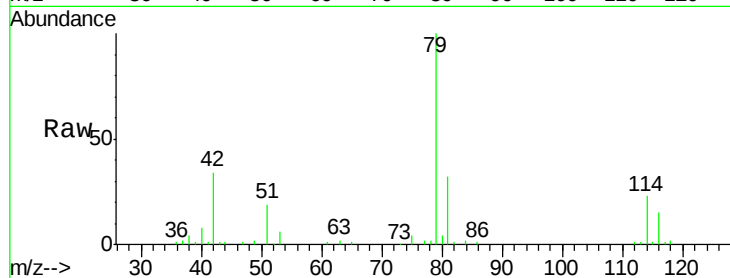


#39

cis-1,3-Dichloropropene
Concen: 0.88 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU036613.D
Acq: 30 Jan 2020 12:50

Instrument :
MSVOA_U
ClientSampleId :
BFM09

Tgt Ion: 75 Resp: 3123
Ion Ratio Lower Upper
75 100
77 53.9 22.5 41.9#



#59

1,2,3-Trichloropropane
Concen: 4.90 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036613.D
Acq: 30 Jan 2020 12:50

Tgt Ion: 75 Resp: 14583
Ion Ratio Lower Upper
75 100
77 37.3 26.2 39.2

