

Data File : VU036912.D
Acq On : 26 Feb 2020 14:09
Operator : JC/MD
Sample : L1687-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS2

Quant Time: Feb 27 04:50:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253315	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238623	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92270	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97053	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.24%
7) Chloroethane-d5	1.93	69	87187	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.06%
11) 1,1-Dichloroethene-d2	2.59	63	124793	35.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.06%
21) 2-Butanone-d5	4.67	46	160759	112.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	5.11	84	159510	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.74	65	111965	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.76	84	356466	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
36) 1,2-Dichloropropane-d6	6.72	67	116010	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.78%
41) Toluene-d8	7.92	98	319313	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%
43) trans-1,3-Dichloropropene-	8.20	79	50233	48.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.70%
47) 2-Hexanone-d5	8.66	63	117721	107.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.69%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	164409	52.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.32%
64) 1,2-Dichlorobenzene-d4	12.21	152	96994	53.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.54%

Target Compounds

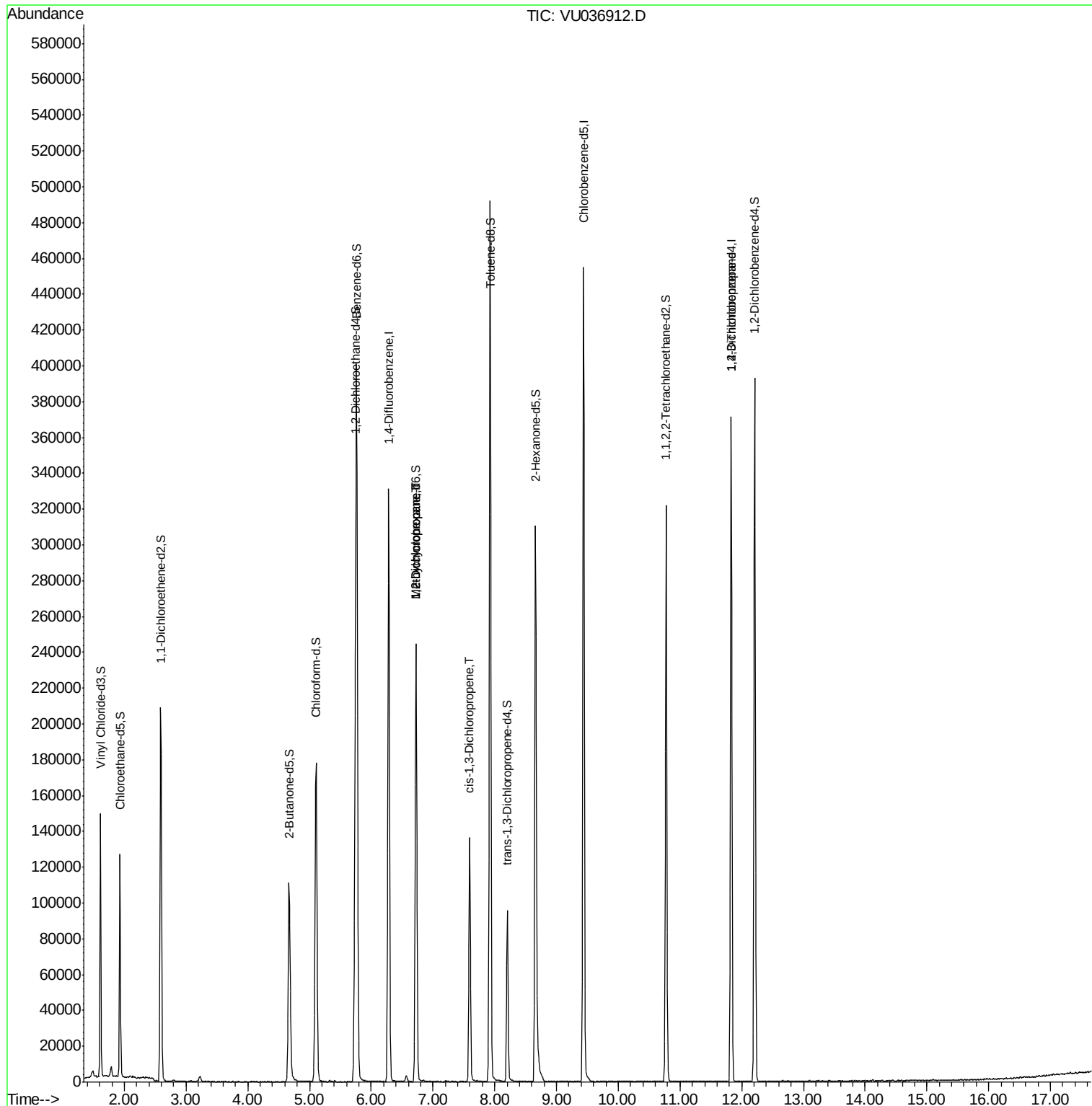
					Qvalue
35) Methylcyclohexane	6.73	83	25210	7.848 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12507	6.162 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3236	1.035 ug/L #	60
59) 1,2,3-Trichloropropane	11.83	75	13866	5.310 ug/L	94

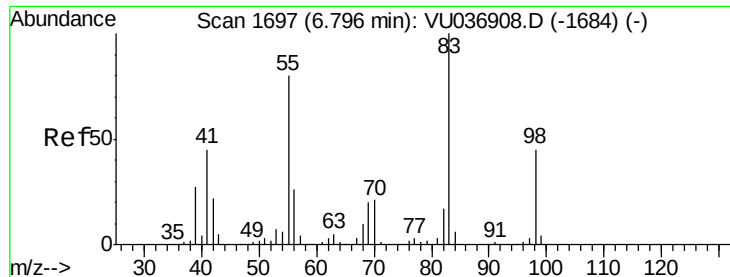
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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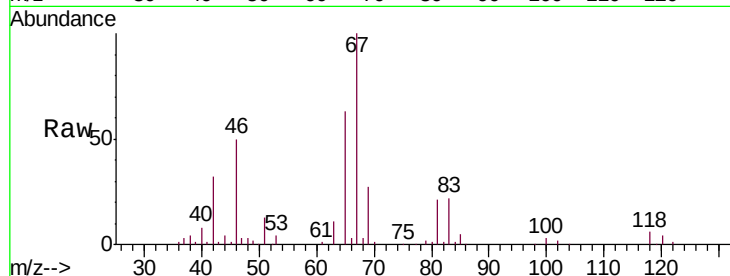




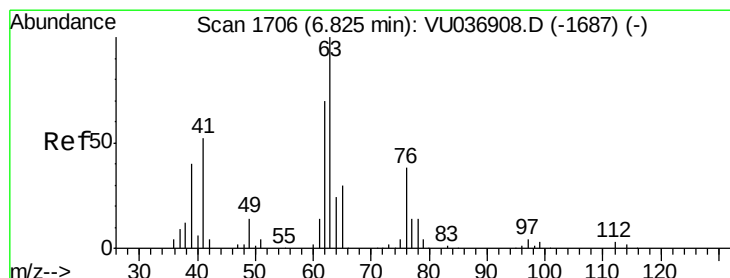
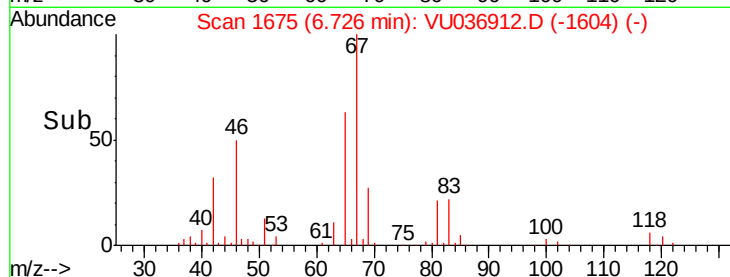
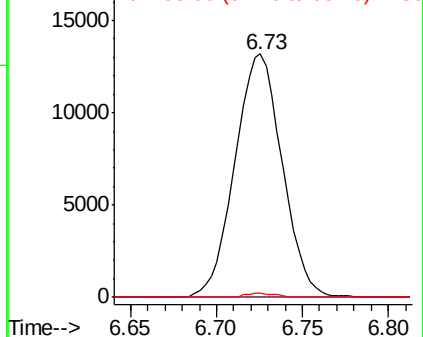
#35
Methylcyclohexane
Concen: 7.848 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036912.D
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Instrument :
MSVOA_U
ClientSampleId :
C0AS2

Tgt Ion: 83 Resp: 25210
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.0 35.1 52.7#

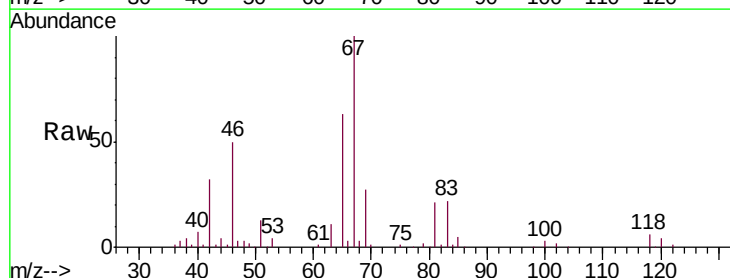


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

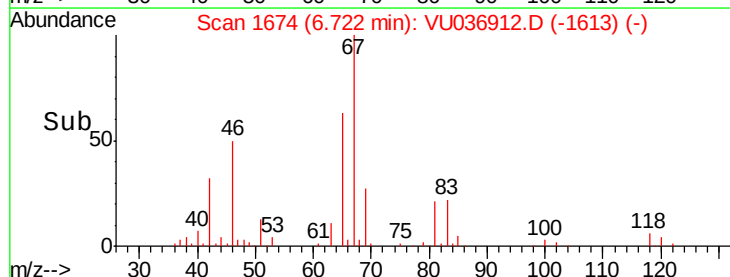
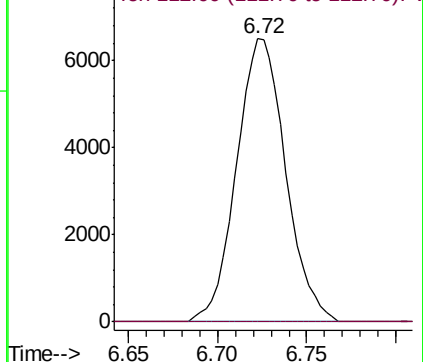


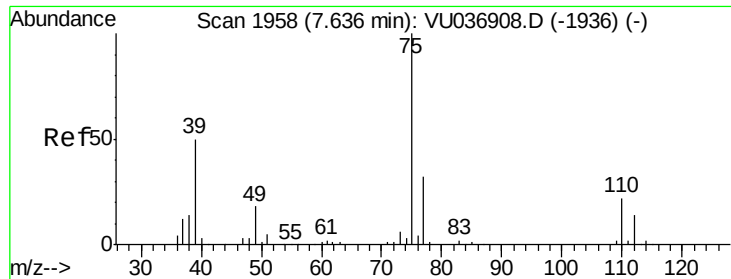
#37
1,2-Dichloropropane
Concen: 6.162 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036912.D
Acq: 26 Feb 2020 14:09

Tgt Ion: 63 Resp: 12507
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

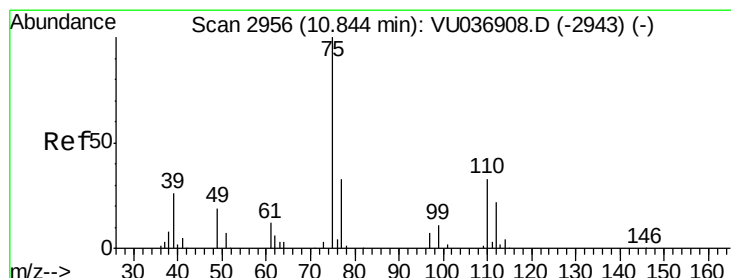
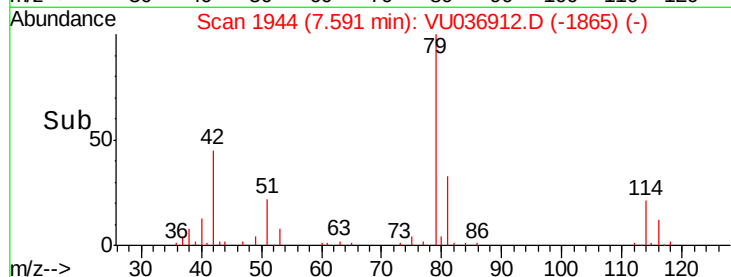
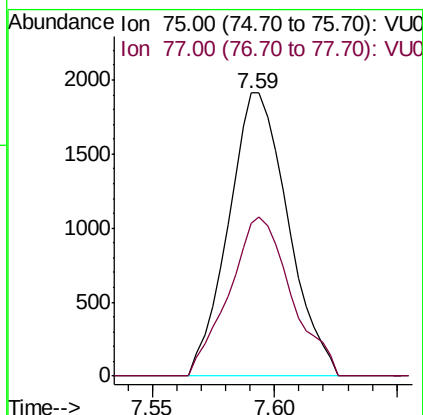
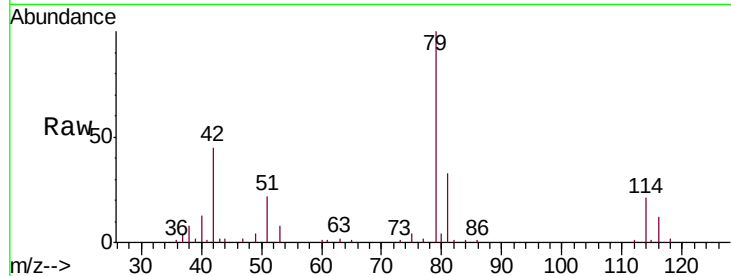




#39
 cis-1,3-Dichloropropene
 Concen: 1.035 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 3236
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.310 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU036912.D
 Acq: 26 Feb 2020 14:09

Tgt Ion: 75 Resp: 13866
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.2 39.2

