

Data File : VU036934.D
Acq On : 27 Feb 2020 11:38
Operator : JC/MD
Sample : L1677-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD5

Quant Time: Feb 27 22:02:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	279360	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	265909	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99937	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99797	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.08%
7) Chloroethane-d5	1.93	69	93313	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.14%
11) 1,1-Dichloroethene-d2	2.59	63	132856	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	4.67	46	161319	102.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.51%
24) Chloroform-d	5.11	84	176807	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.74	65	124019	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
32) Benzene-d6	5.76	84	386484	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
36) 1,2-Dichloropropane-d6	6.73	67	125846	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.02%
41) Toluene-d8	7.92	98	345565	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	8.20	79	53882	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.66	63	120418	98.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	176648	50.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.58%
64) 1,2-Dichlorobenzene-d4	12.21	152	104177	53.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.66%

Target Compounds

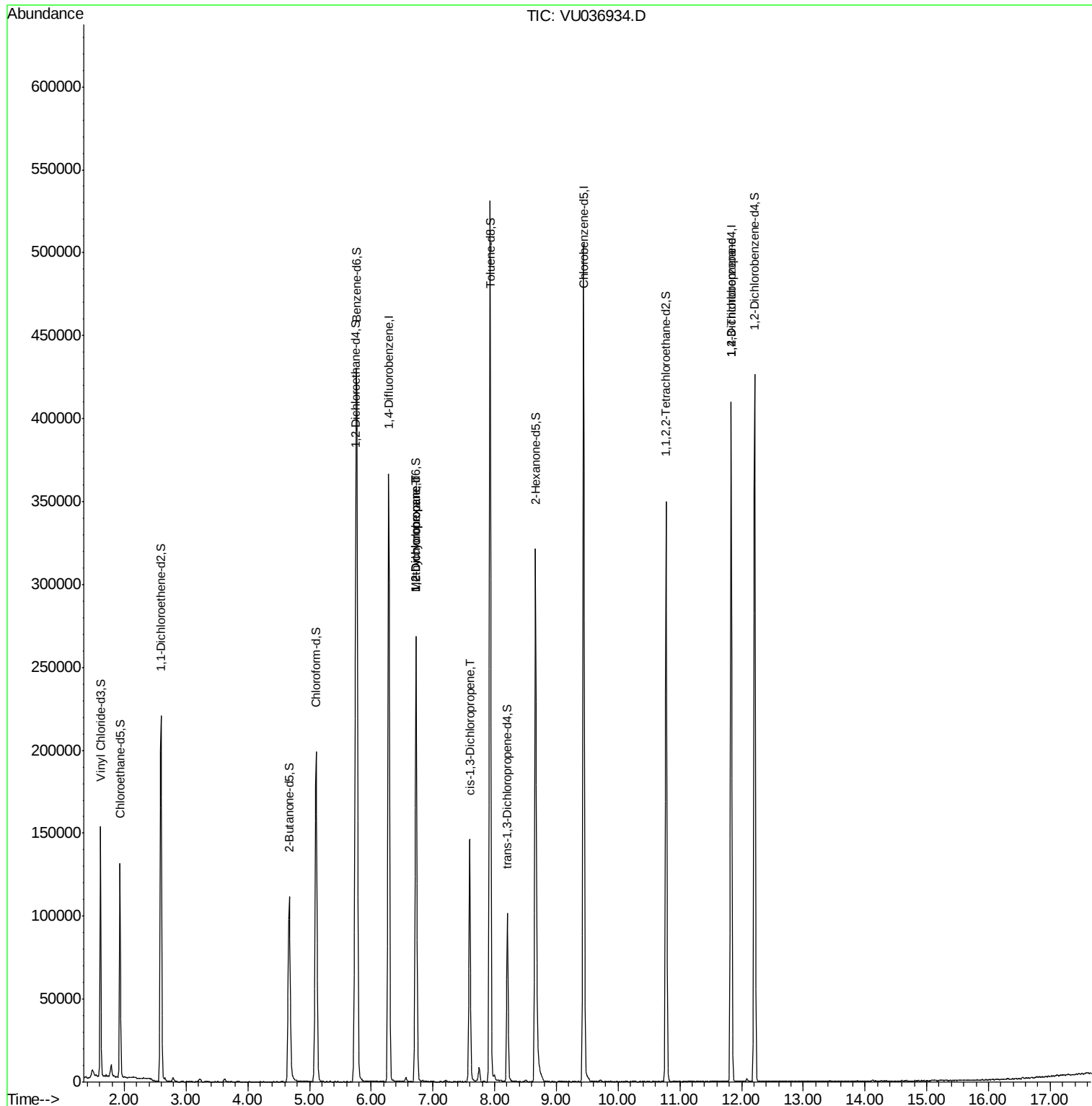
					Qvalue
35) Methylcyclohexane	6.73	83	28078	7.843 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13868	6.131 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3475	0.997 ug/L #	78
59) 1,2,3-Trichloropropane	11.83	75	15119	5.196 ug/L	94

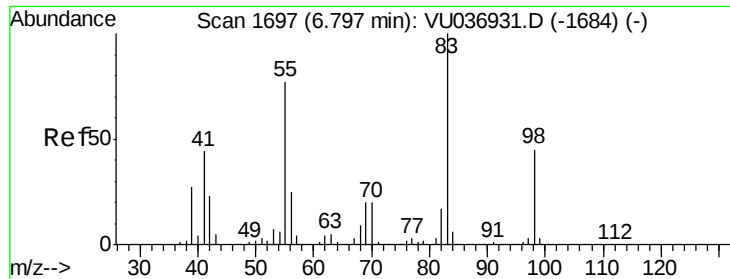
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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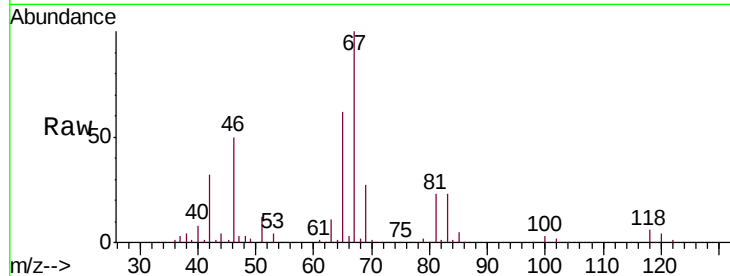




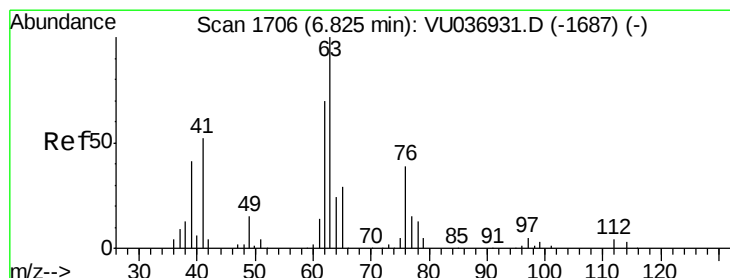
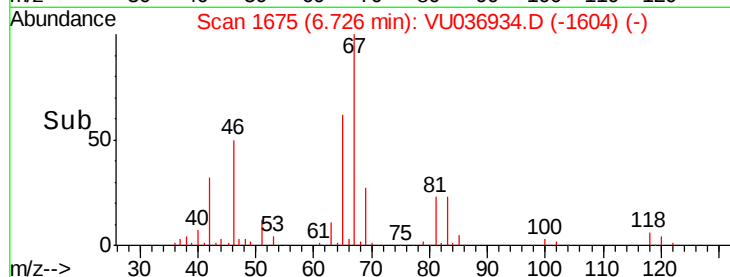
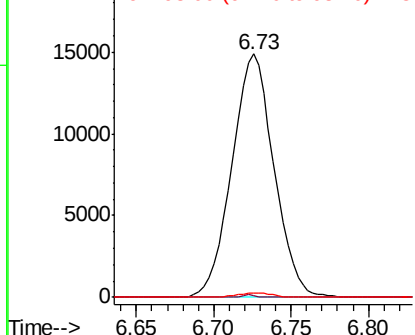
#35
Methylcyclohexane
Concen: 7.843 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
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Tgt Ion: 83 Resp: 28078
Ion Ratio Lower Upper
83 100
55 0.3 62.6 93.8#
98 1.4 35.1 52.7#

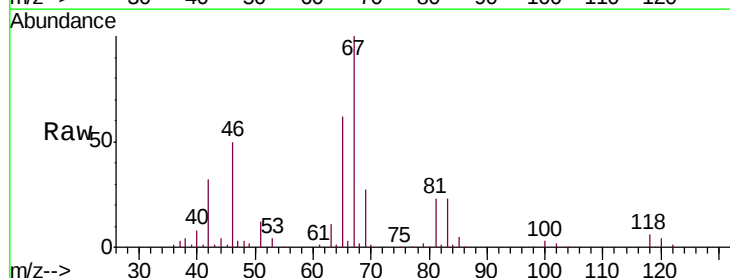


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

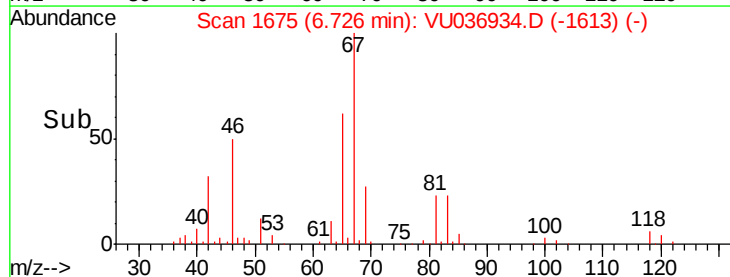
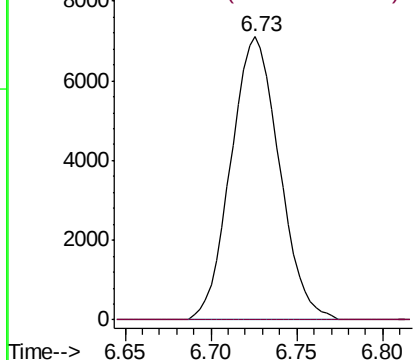


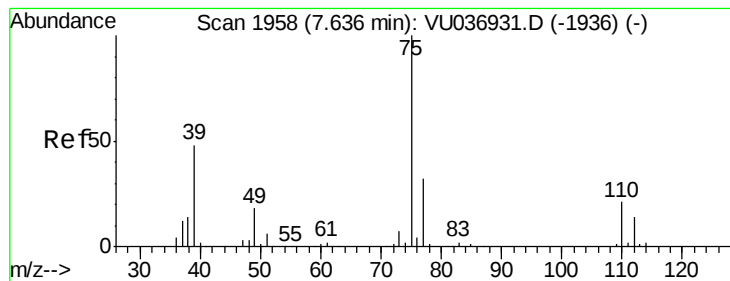
#37
1,2-Dichloropropane
Concen: 6.131 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036934.D
Acq: 27 Feb 2020 11:38

Tgt Ion: 63 Resp: 13868
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: 0.997 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

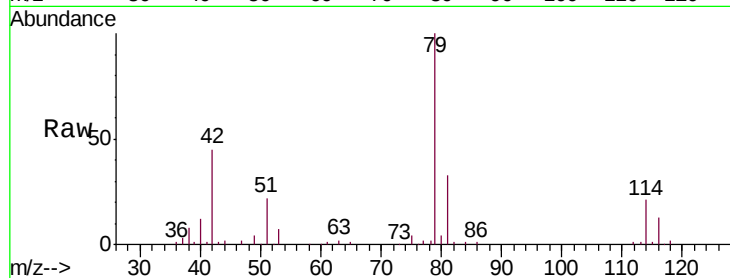
C0CD5

Tgt Ion: 75 Resp: 3475

Ion Ratio Lower Upper

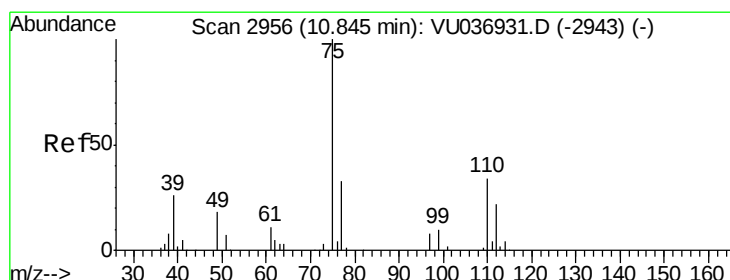
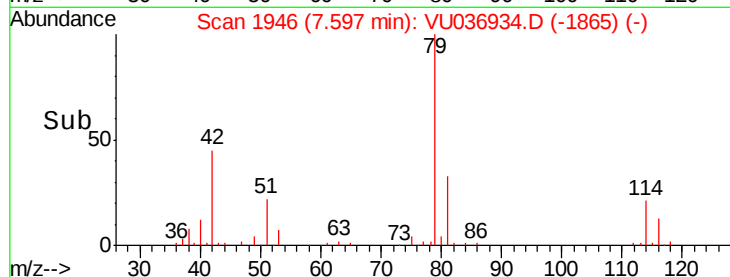
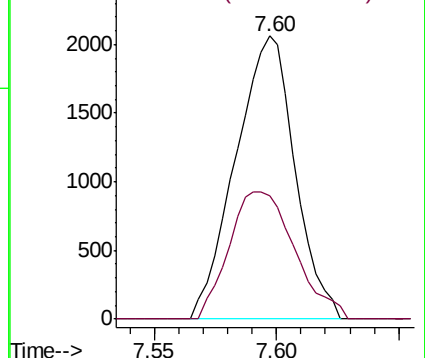
75 100

77 43.6 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.196 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

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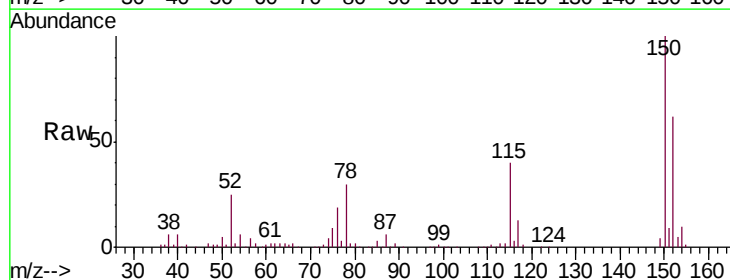
Acq: 27 Feb 2020 11:38

Tgt Ion: 75 Resp: 15119

Ion Ratio Lower Upper

75 100

77 36.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

