

Data File : VU037317.D
Acq On : 17 Mar 2020 15:21
Operator : JC/MD
Sample : L1901-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CONF5

Quant Time: Mar 18 02:39:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 02:36:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	416373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	405355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123039	38.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.36%
7) Chloroethane-d5	1.93	69	113725	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.54%
11) 1,1-Dichloroethene-d2	2.59	63	179708	30.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.80%
21) 2-Butanone-d5	4.67	46	259733	101.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.85%
24) Chloroform-d	5.11	84	282270	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
26) 1,2-Dichloroethane-d4	5.74	65	210838	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
32) Benzene-d6	5.76	84	515024	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
36) 1,2-Dichloropropane-d6	6.72	67	172571	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.50%
41) Toluene-d8	7.92	98	486125	45.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.14%
43) trans-1,3-Dichloropropene-	8.20	79	88135	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.66%
47) 2-Hexanone-d5	8.66	63	182187	96.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	261675	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
64) 1,2-Dichlorobenzene-d4	12.21	152	177460	52.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

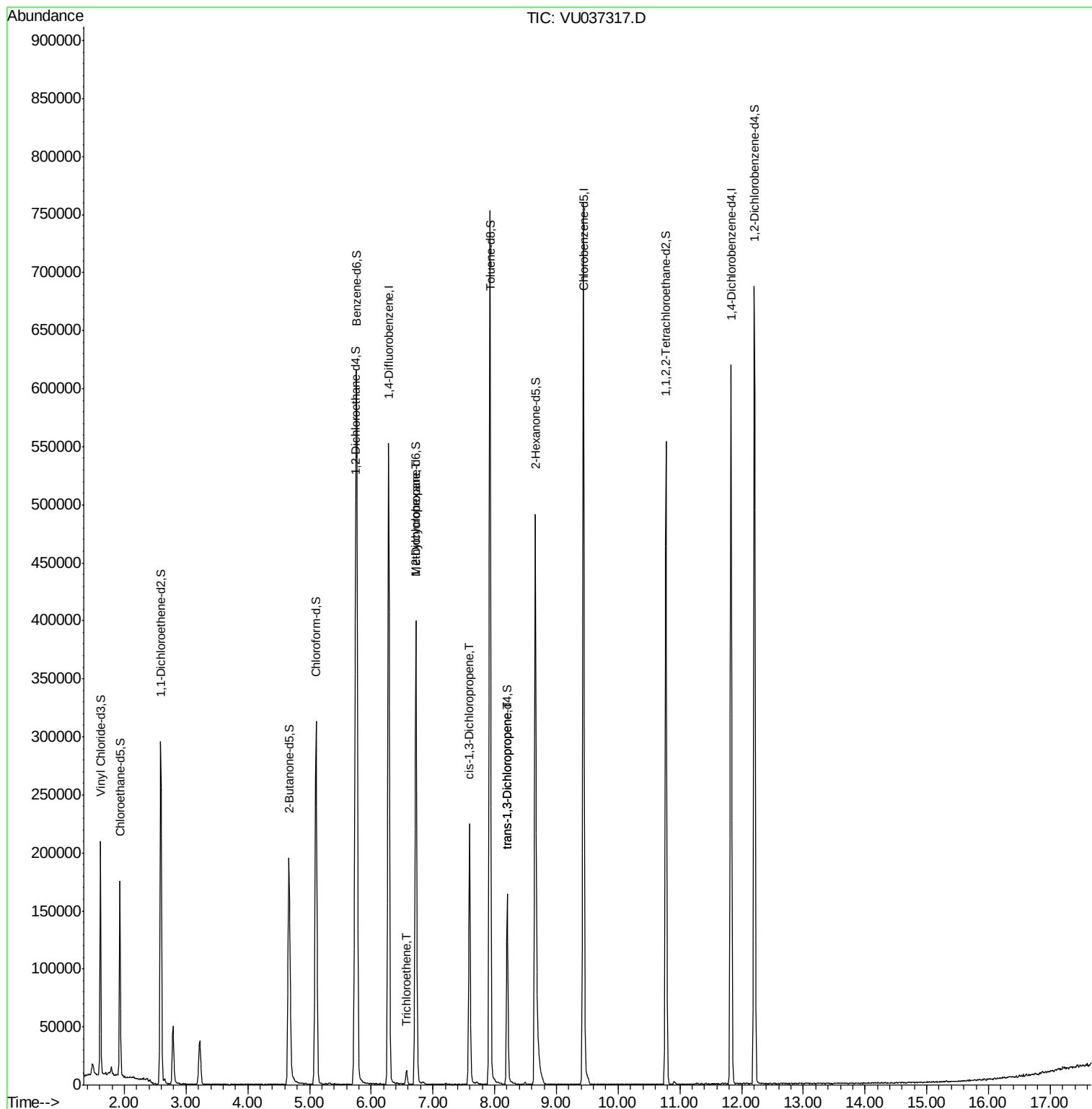
					Qvalue
34) Trichloroethene	6.57	95	3795	1.222 ug/L	95
35) Methylcyclohexane	6.72	83	41598	8.850 ug/L #	16
39) cis-1,3-Dichloropropene	7.59	75	6909	1.312 ug/L #	76
44) trans-1,3-Dichloropropene	8.20	75	5114	1.029 ug/L	83

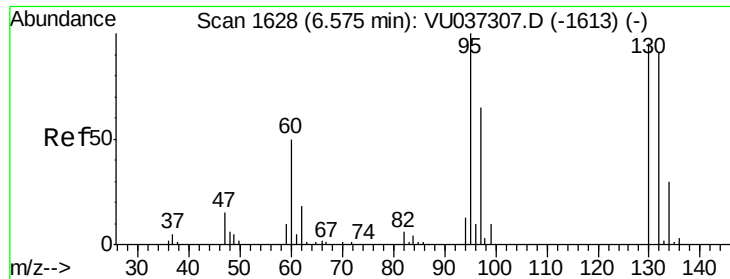
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.222 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

CONF5

Tgt Ion: 95 Resp: 3795

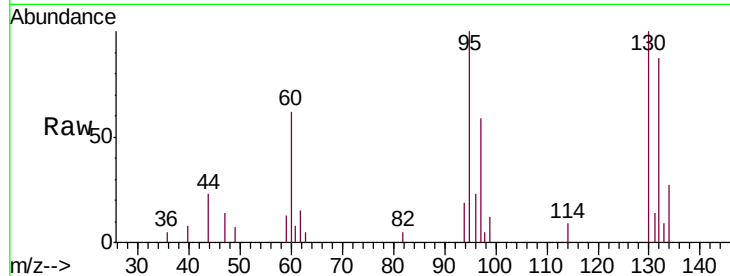
Ion Ratio Lower Upper

95 100

97 59.6 43.8 81.4

132 86.9 62.6 116.3

130 100.1 64.8 120.4

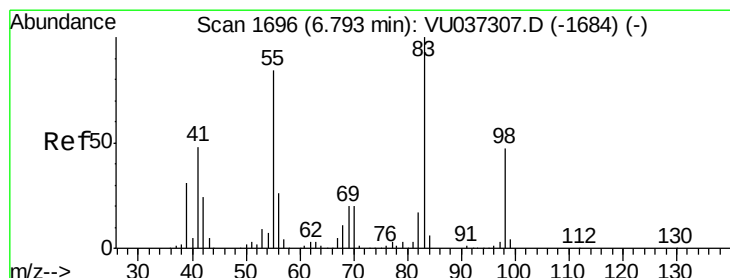
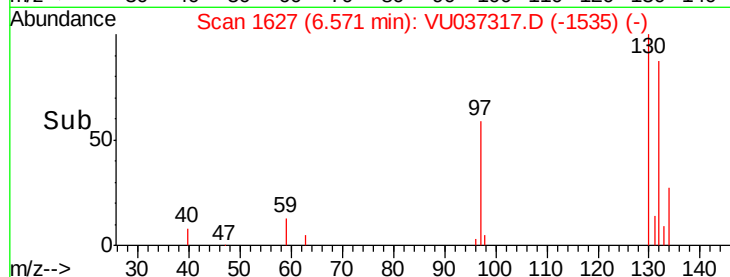
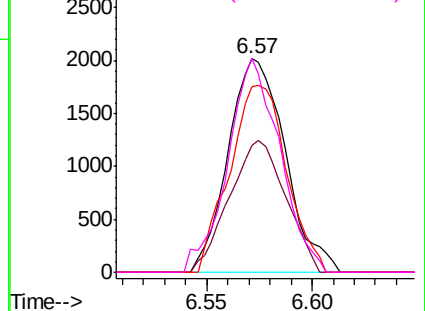


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 8.850 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

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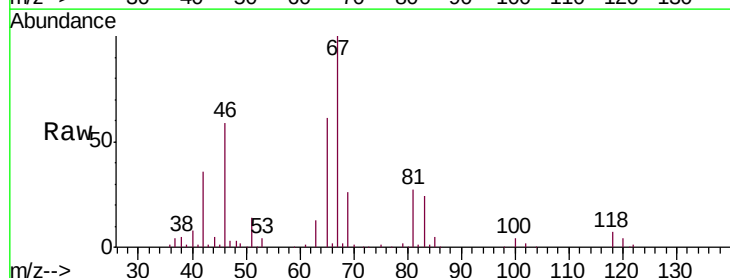
Tgt Ion: 83 Resp: 41598

Ion Ratio Lower Upper

83 100

55 0.1 68.2 102.2#

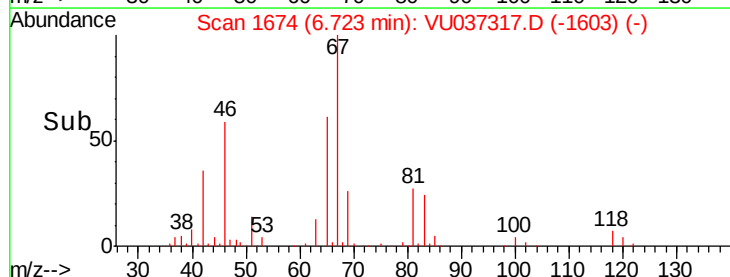
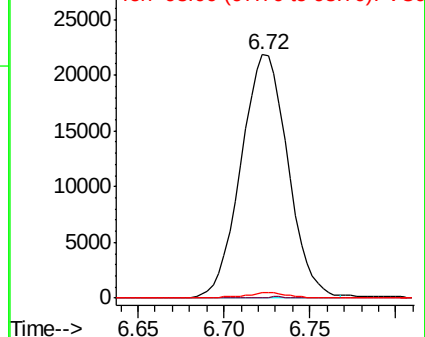
98 1.9 36.4 54.6#

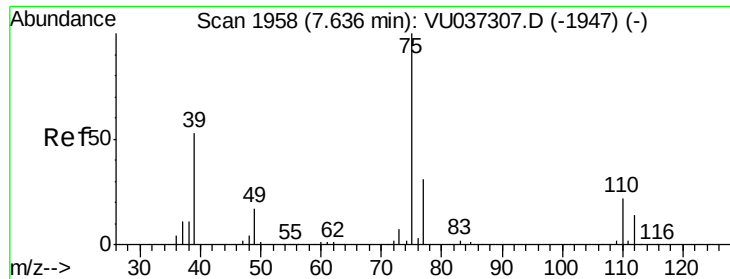


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

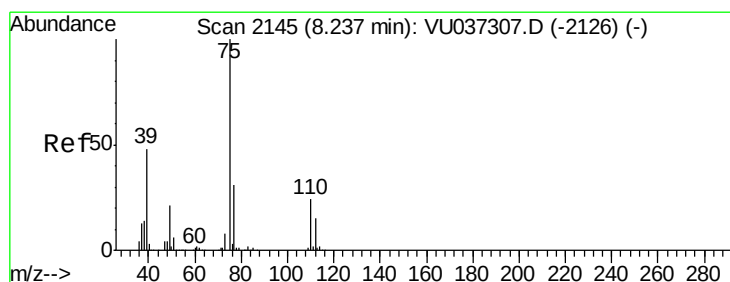
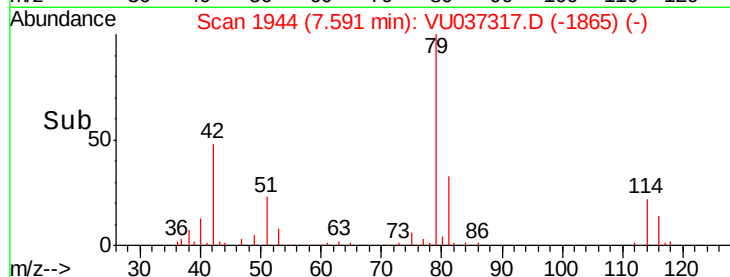
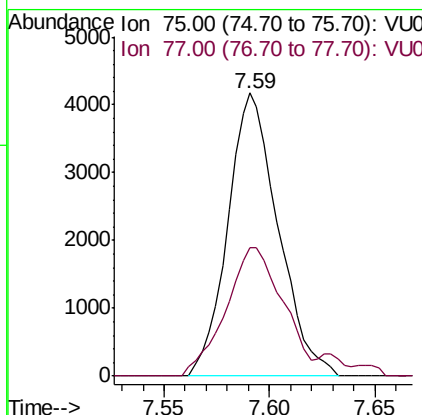
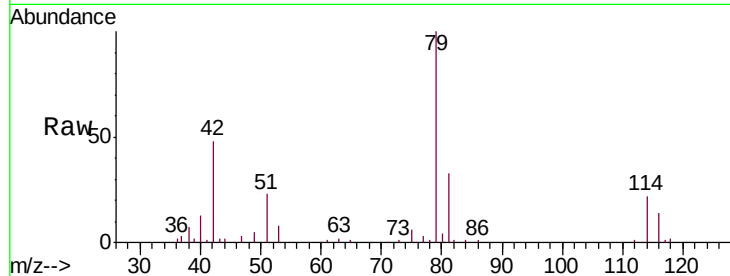




#39
 cis-1,3-Dichloropropene
 Concen: 1.312 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
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 CONF5

Tgt Ion: 75 Resp: 6909
 Ion Ratio Lower Upper
 75 100
 77 45.4 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 1.029 ug/L
 RT: 8.20 min Scan# 2134
 Delta R.T. -0.04 min
 Lab File: VU037317.D
 Acq: 17 Mar 2020 15:21

Tgt Ion: 75 Resp: 5114
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.1 41.1

