Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120418\
Data File : VU028462.D
Acq On : 04 Dec 2018 12:52
Operator : MD/SY
Sample : J6171-10ME
Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9Y14ME

Quant Time: Dec 05 03:38:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 05 03:10:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472724	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	257772	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151691	35.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 70.16%			
7) Chloroethane-d5	1.64	69	137842	41.53	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.06%			
11) 1,1-Dichloroethene-d2	2.24	63	216788	28.19	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.38%#			
21) 2-Butanone-d5	4.19	46	298820	84.21	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.21%			
24) Chloroform-d	4.64	84	275780	39.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.08%			
26) 1,2-Dichloroethane-d4	5.30	65	190575	40.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.24%			
32) Benzene-d6	5.33	84	571815	38.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.70%			
36) 1,2-Dichloropropane-d6	6.32	67	211476	39.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.66%			
41) Toluene-d8	7.56	98	530495	39.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.56%#			
43) trans-1,3-Dichloropropene-	7.85	79	94545	39.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.86%			
47) 2-Hexanone-d5	8.32	63	226849	88.45	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.45%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302553	44.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	229470	44.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.52%			
Target Compounds						Qvalue
29) Cyclohexane	4.98	56	432391	56.360	ug/L	99
35) Methylcyclohexane	6.41	83	1707800	252.672	ug/L	89
56) Isopropylbenzene	10.17	105	116773	6.864	ug/L	96

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

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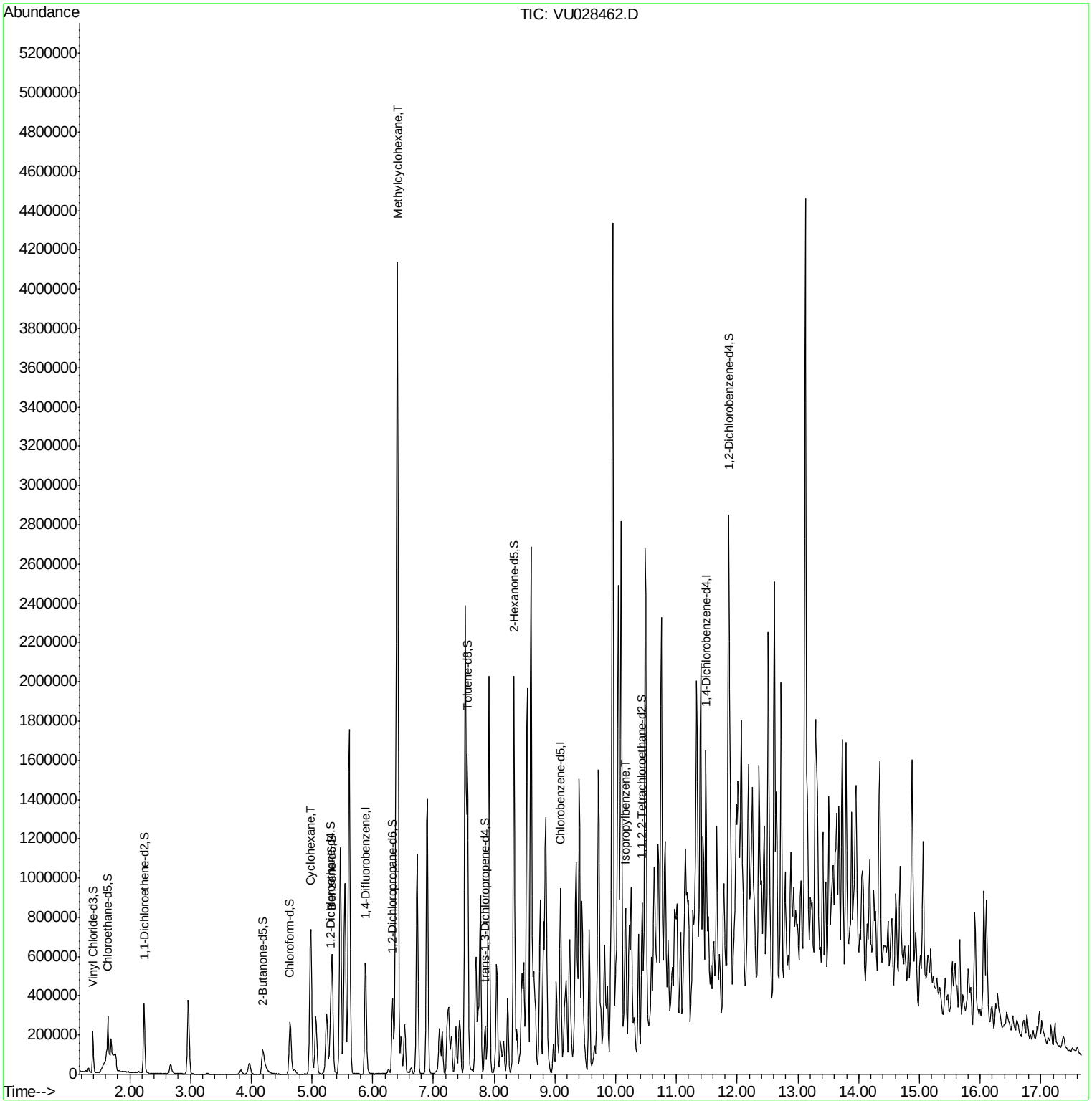
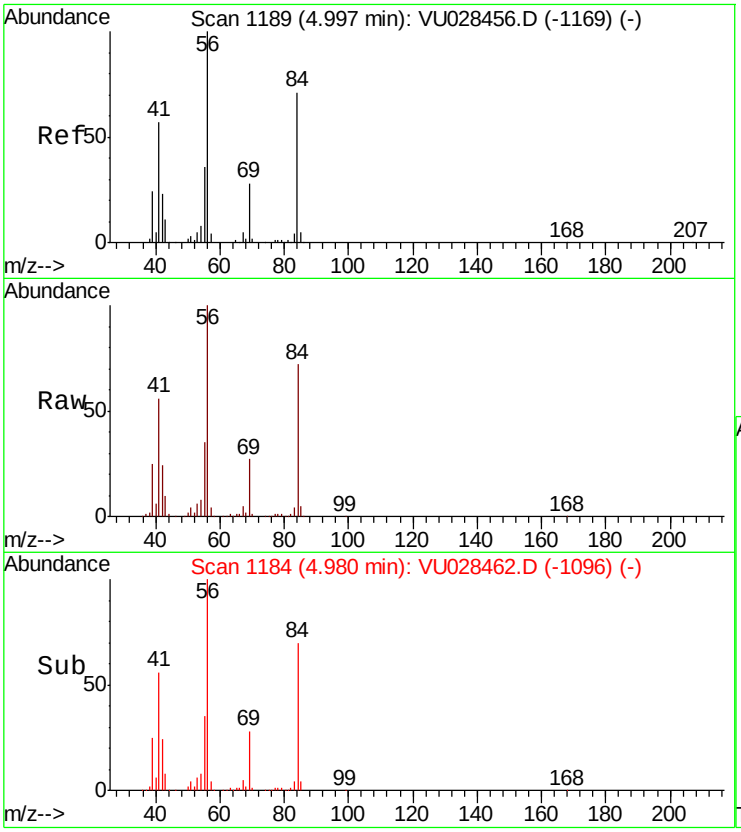


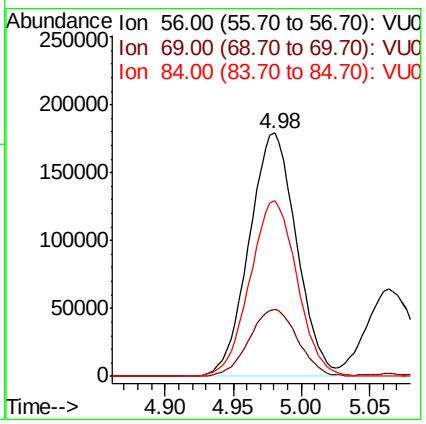


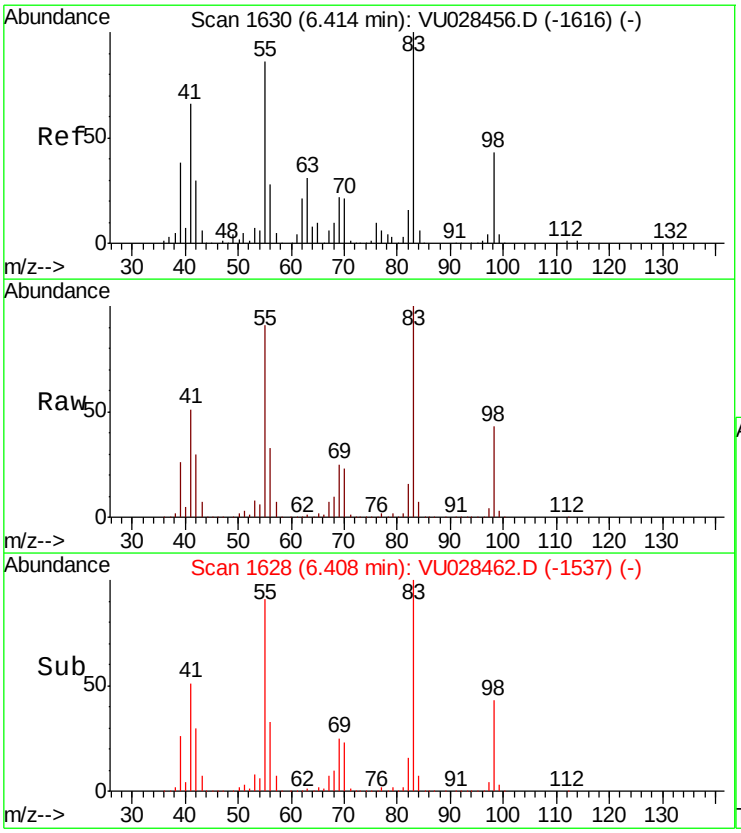
#29
Cyclohexane
Concen: 56.360 ug/L
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028462.D
Acq: 04 Dec 2018 12:52

Instrument : MSVOA_U
ClientSampleId : F9Y14ME

Tgt Ion: 56 Resp: 432391

Ion	Ratio	Lower	Upper
56	100		
69	28.1	22.5	33.7
84	71.9	56.6	85.0

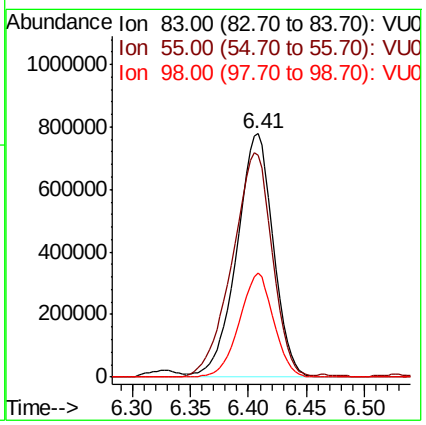


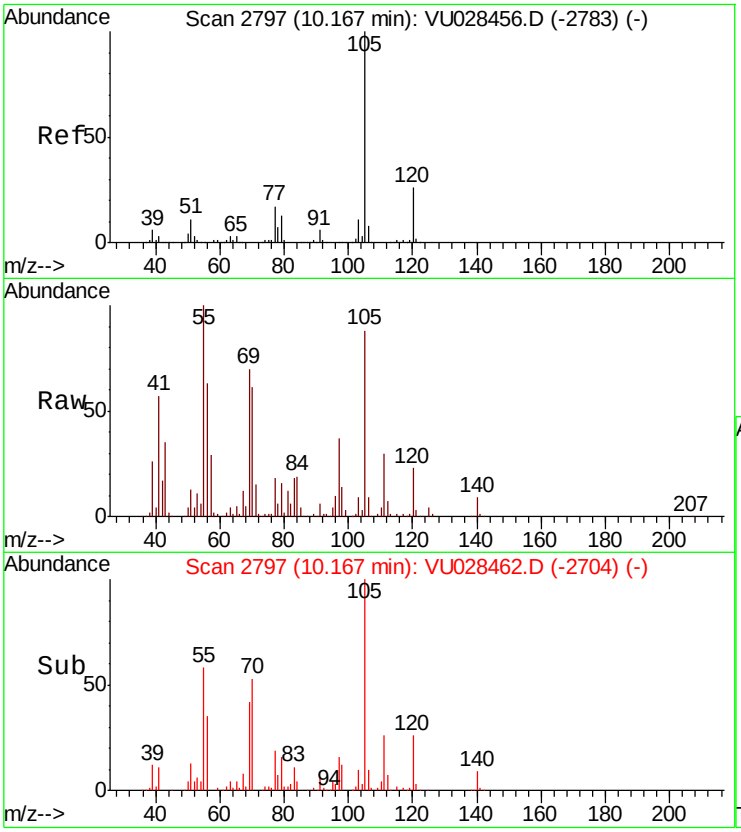


#35
Methylcyclohexane
Concen: 252.672 ug/L
RT: 6.41 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VU028462.D
Acq: 04 Dec 2018 12:52

Tgt Ion: 83 Resp: 1707800

Ion	Ratio	Lower	Upper
83	100		
55	100.8	70.5	105.7
98	39.9	34.6	52.0





#56
Isopropylbenzene
Concen: 6.864 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU028462.D
Acq: 04 Dec 2018 12:52

Instrument :
MSVOA_U
ClientSampleId :
F9Y14ME

Tgt Ion:105 Resp: 116773

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.1	30.1
77	19.5	13.4	20.0