Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120418\
Data File : VU028463.D
Acq On : 04 Dec 2018 13:15
Operator : MD/SY
Sample : J6171-05ME
Misc : 6.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9Y09ME

Quant Time: Dec 05 04:11:42 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	608352	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	590532	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	318794	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	165108	30.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 60.68%			
7) Chloroethane-d5	1.64	69	146598	35.08	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 70.16%			
11) 1,1-Dichloroethene-d2	2.24	63	239062	24.70	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 49.40%#			
21) 2-Butanone-d5	4.19	46	340386	76.20	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.20%			
24) Chloroform-d	4.64	84	310093	35.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.64%			
26) 1,2-Dichloroethane-d4	5.31	65	210296	35.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.34%			
32) Benzene-d6	5.33	84	656964	35.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.46%			
36) 1,2-Dichloropropane-d6	6.33	67	238740	35.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 71.98%			
41) Toluene-d8	7.56	98	646340	38.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.58%#			
43) trans-1,3-Dichloropropene-	7.85	79	109157	36.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.88%			
47) 2-Hexanone-d5	8.32	63	274275	85.61	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 85.61%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	352474	41.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	251148	39.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.34%#			
Target Compounds						Qvalue
29) Cyclohexane	4.98	56	309541	32.298	ug/L	97
35) Methylcyclohexane	6.41	83	997606	118.153	ug/L	90
56) Isopropylbenzene	10.17	105	67848	3.192	ug/L	98

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

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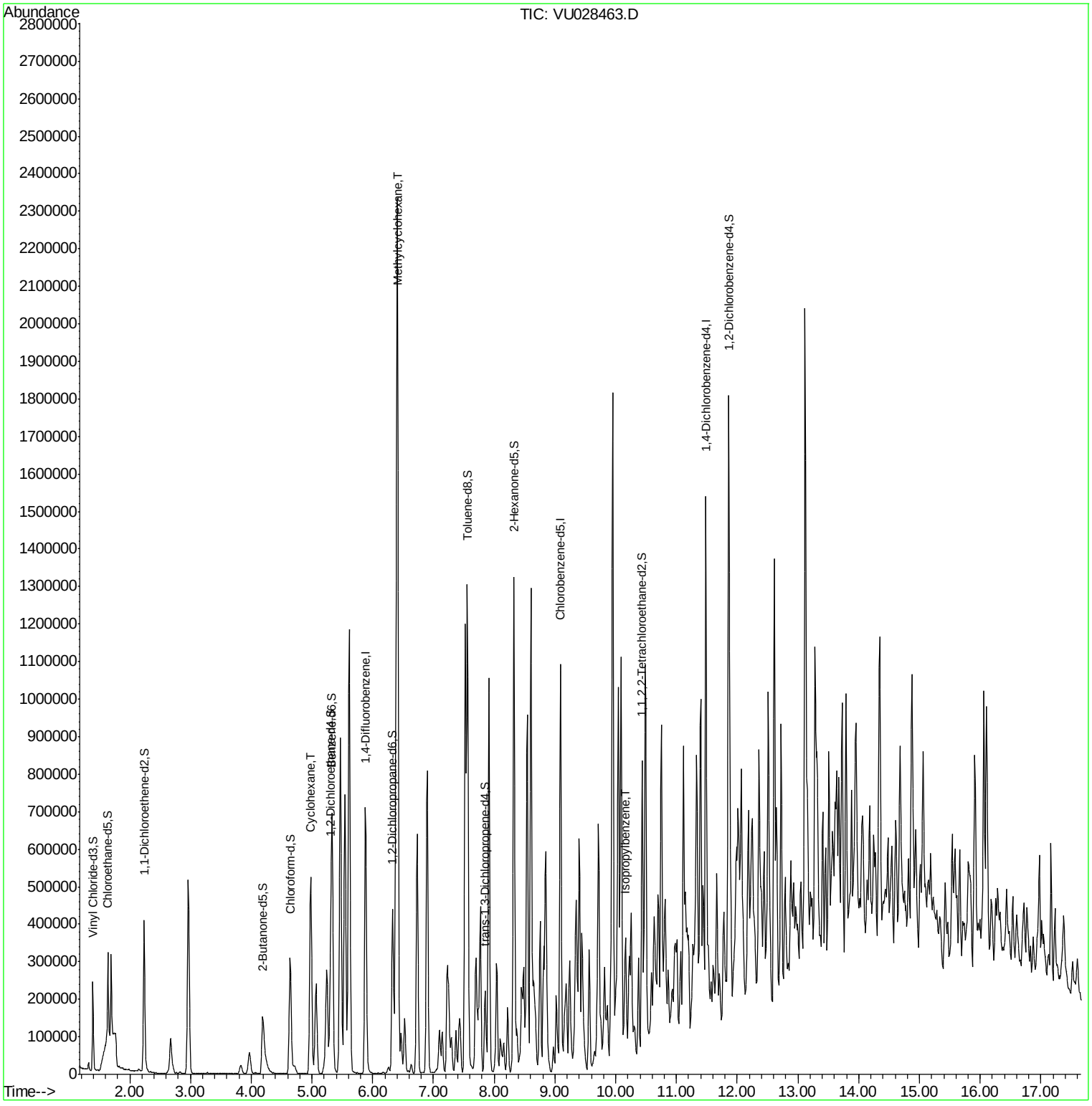
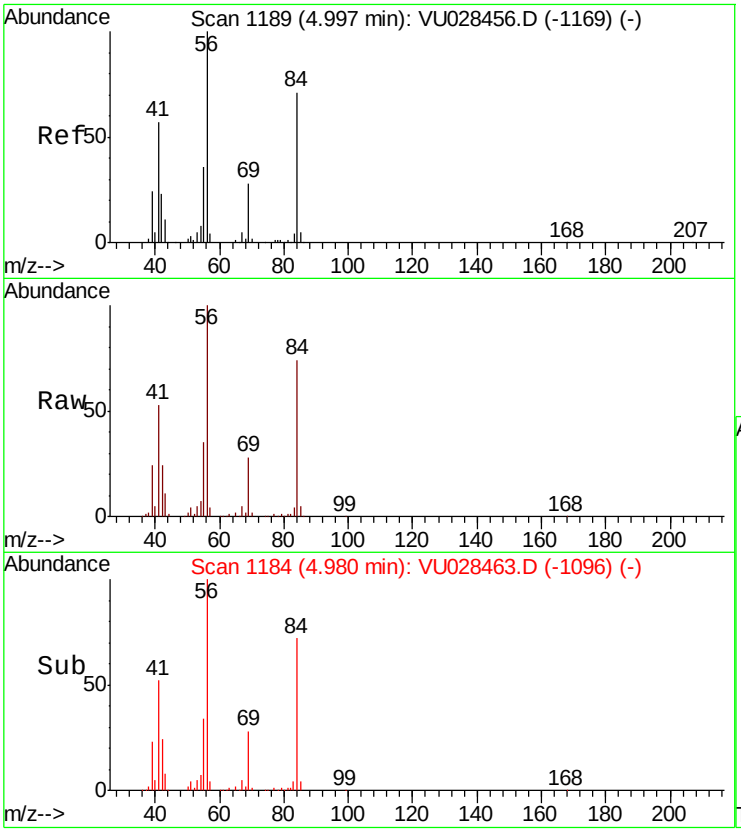


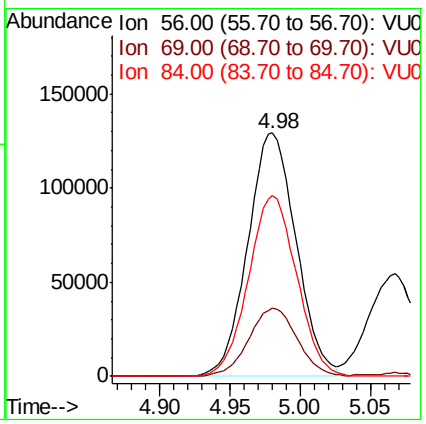


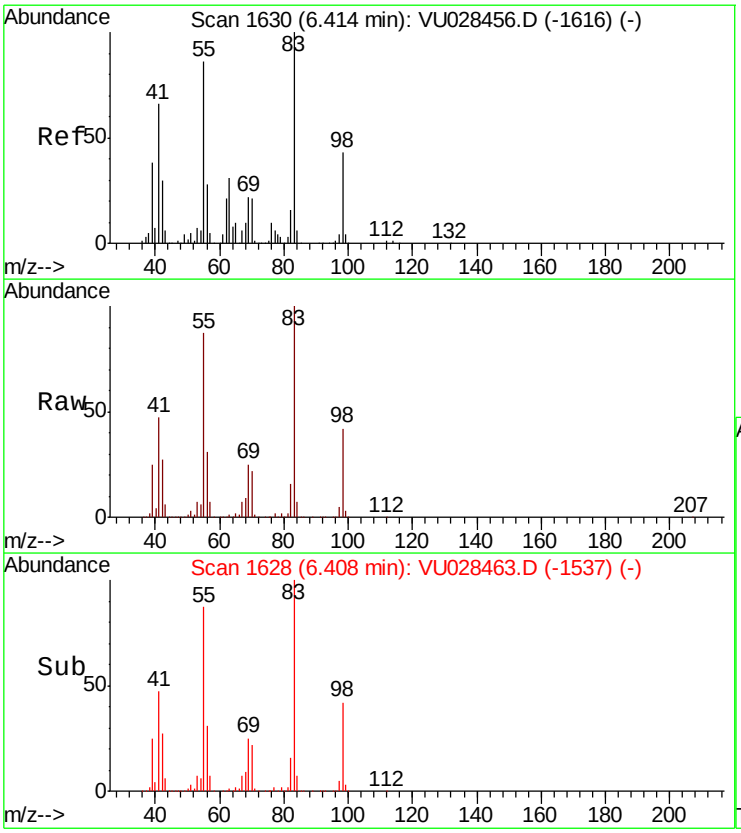
#29
Cyclohexane
Concen: 32.298 ug/L
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028463.D
Acq: 04 Dec 2018 13:15

Instrument : MSVOA_U
ClientSampleId : F9Y09ME

Tgt Ion: 56 Resp: 309541

Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.5	33.7
84	74.2	56.6	85.0

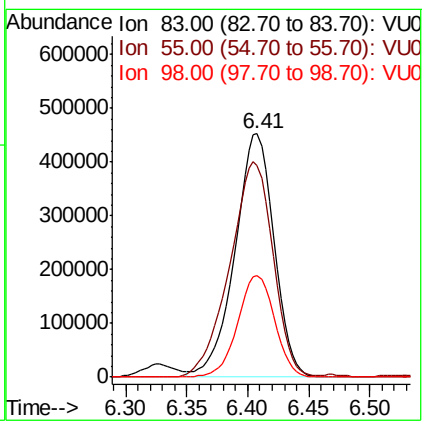


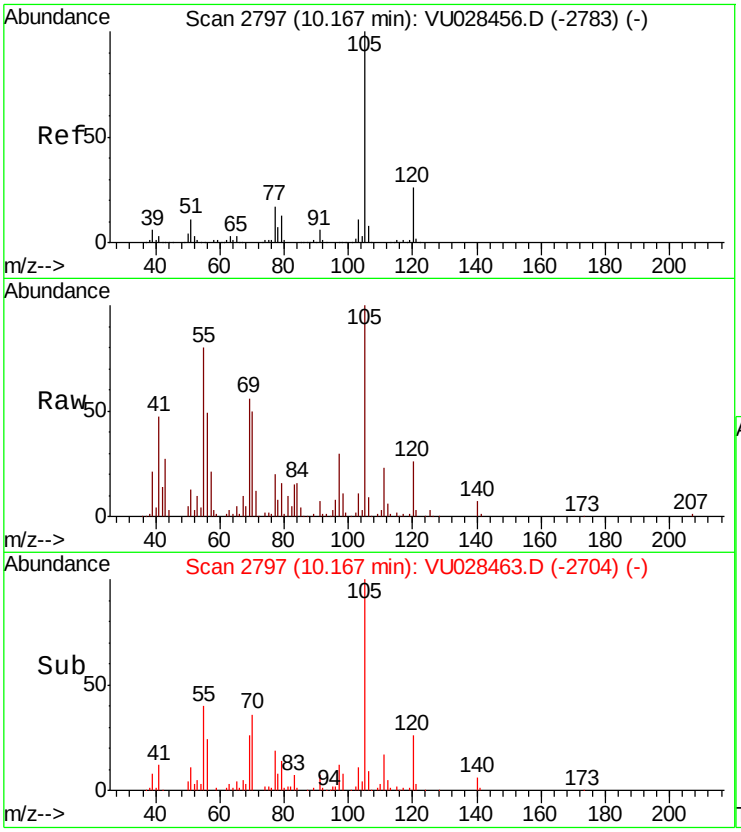


#35
Methylcyclohexane
Concen: 118.153 ug/L
RT: 6.41 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VU028463.D
Acq: 04 Dec 2018 13:15

Tgt Ion: 83 Resp: 997606

Ion	Ratio	Lower	Upper
83	100		
55	98.7	70.5	105.7
98	39.6	34.6	52.0





#56
Isopropylbenzene
Concen: 3.192 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU028463.D
Acq: 04 Dec 2018 13:15

Instrument :
MSVOA_U
ClientSampleId :
F9Y09ME

Tgt Ion:105 Resp: 67848

Ion	Ratio	Lower	Upper
105	100		
120	24.7	20.1	30.1
77	18.6	13.4	20.0