Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\
Data File : VU030278.D
Acq On : 21 Mar 2019 20:06
Operator : JC/SP
Sample : K1988-19
Misc : 5.48g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 22 05:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : BF0D1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	546353	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	557930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	292804	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	133797	36.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.44%			
7) Chloroethane-d5	1.64	69	65459m	22.16	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 44.32%#			
11) 1,1-Dichloroethene-d2	2.23	63	191389	28.40	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.80%#			
21) 2-Butanone-d5	4.19	46	271255	98.97	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.97%			
24) Chloroform-d	4.64	84	289668	42.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.44%			
26) 1,2-Dichloroethane-d4	5.30	65	175930	45.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.98%			
32) Benzene-d6	5.33	84	614229	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
36) 1,2-Dichloropropane-d6	6.32	67	198891	43.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.44%			
41) Toluene-d8	7.56	98	557223	40.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.62%			
43) trans-1,3-Dichloropropene-	7.85	79	92264	41.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.30%			
47) 2-Hexanone-d5	8.32	63	246353	104.43	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.43%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	360069	51.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	269790	45.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.78%			
Target Compounds						Qvalue
63) 1,4-Dichlorobenzene	11.51	146	18205	1.879	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	30484	3.194	ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	17906m	2.773	ug/L	

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

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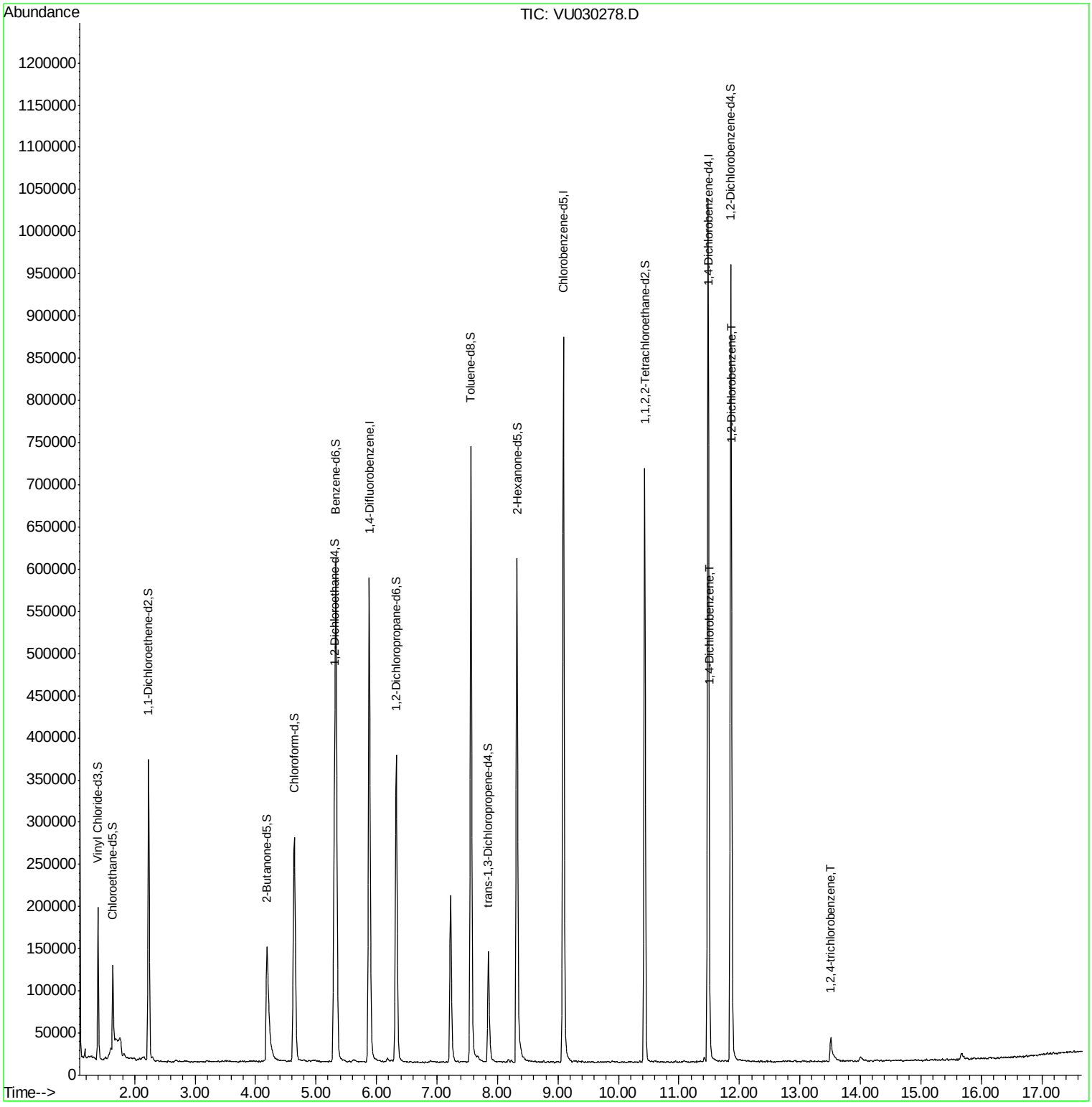
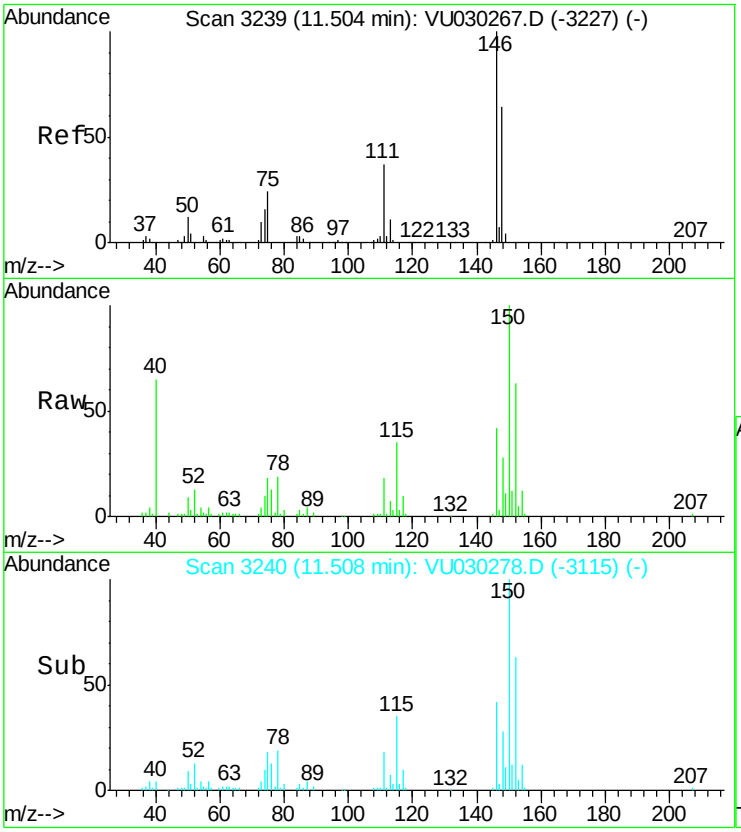
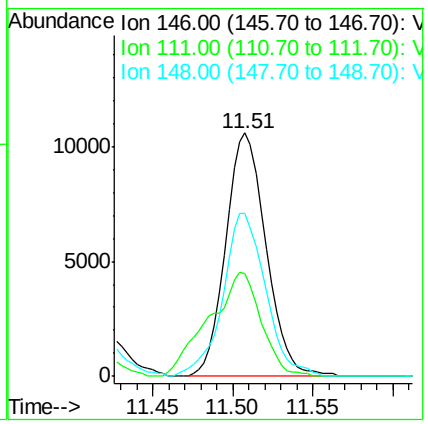




#63
1,4-Dichlorobenzene
Concen: 1.879 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030278.D
Acq: 21 Mar 2019 20:06

Tgt Ion:146 Resp: 18205

Ion	Ratio	Lower	Upper
146	100		
111	42.0	25.3	46.9
148	66.7	44.7	82.9



Instrument :
MSVOA_U
ClientSampleId :
BF0D1

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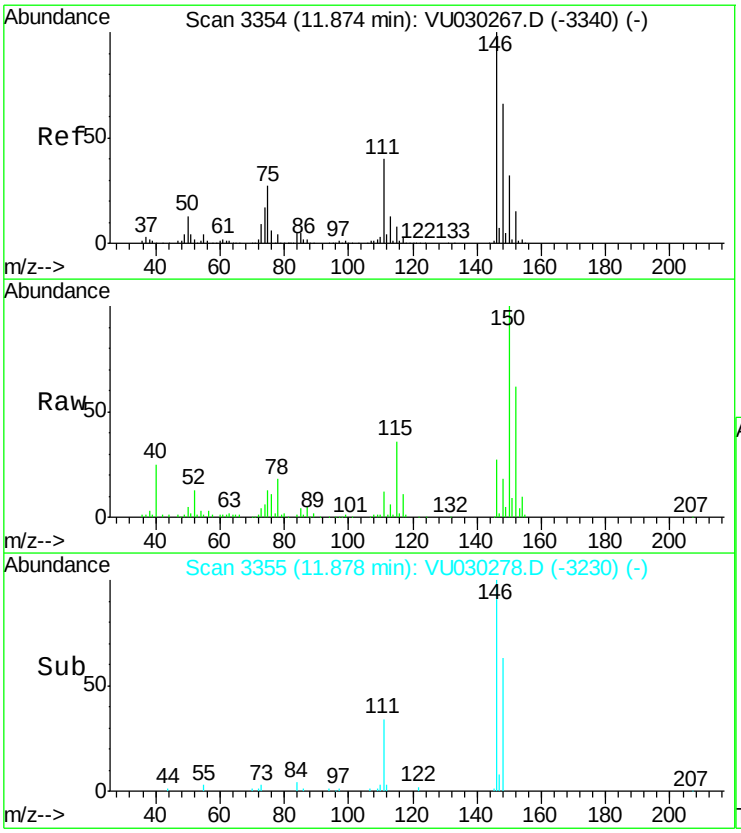
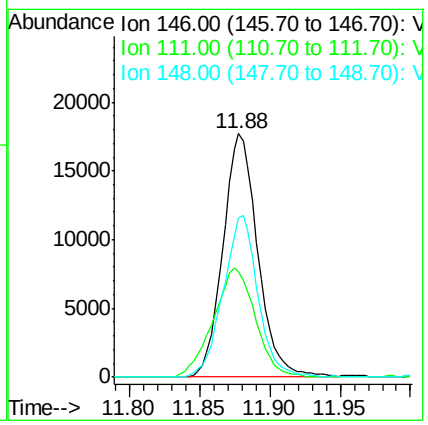
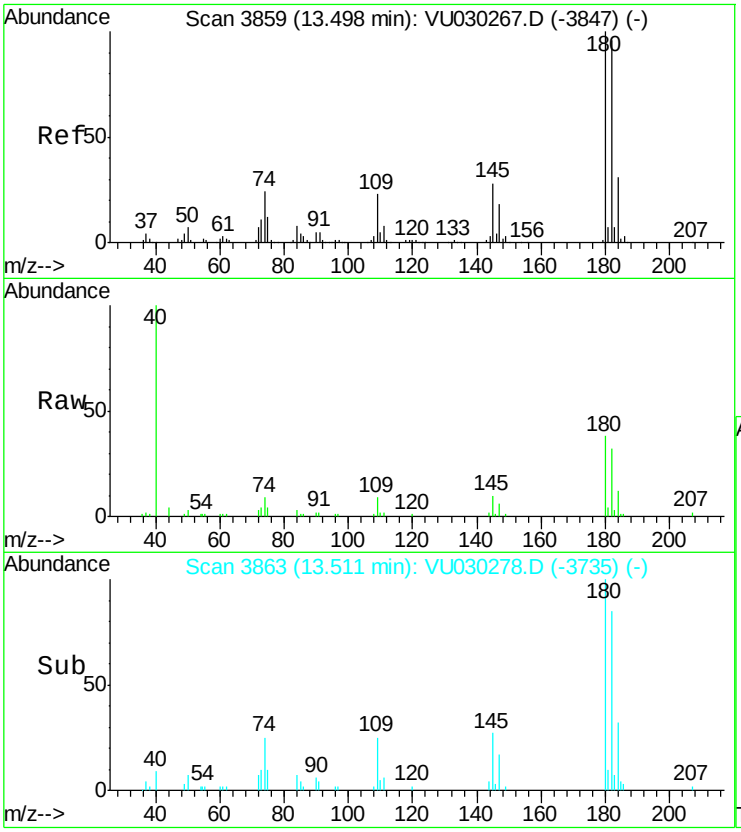


#65
1,2-Dichlorobenzene
Concen: 3.194 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030278.D
Acq: 21 Mar 2019 20:06

Tgt Ion:146 Resp: 30484

Ion	Ratio	Lower	Upper
146	100		
111	43.5	31.7	47.5
148	65.4	52.0	78.0

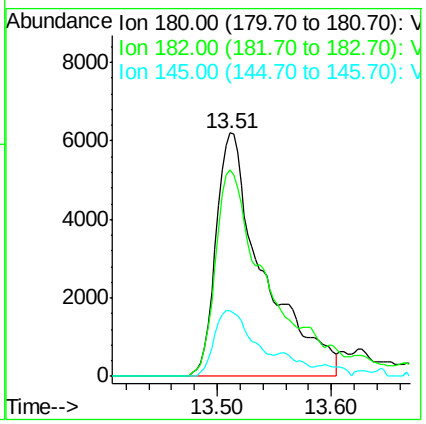




#68
1,2,4-trichlorobenzene
Concen: 2.773 ug/L m
RT: 13.51 min Scan# 3863
Delta R.T. 0.01 min
Lab File: VU030278.D
Acq: 21 Mar 2019 20:06

Tgt Ion:180 Resp: 17906

Ion	Ratio	Lower	Upper
180	100		
182	57.5	76.4	114.6#
145	22.1	22.7	34.1#



Instrument :
MSVOA_U
ClientSampleId :
BF0D1

Manual Integrations APPROVED
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