Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030520\
Data File : VU037082.D
Acq On : 05 Mar 2020 14:42
Operator : JC/MD
Sample : L1780-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DG7

Quant Time: Mar 06 00:31:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254378	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	241595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87427	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	79953	37.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.86%			
7) Chloroethane-d5	1.93	69	81276	45.98	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.96%			
11) 1,1-Dichloroethene-d2	2.59	63	111020	31.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.06%			
21) 2-Butanone-d5	4.67	46	151566	105.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.77%			
24) Chloroform-d	5.11	84	158218	48.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.74	65	108488	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
32) Benzene-d6	5.76	84	332744	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.26%			
36) 1,2-Dichloropropane-d6	6.72	67	112024	49.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.98%			
41) Toluene-d8	7.92	98	290879	44.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.76%			
43) trans-1,3-Dichloropropene-	8.20	79	43975	41.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.62%			
47) 2-Hexanone-d5	8.66	63	100643	90.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.94%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	159201	49.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.78%			
64) 1,2-Dichlorobenzene-d4	12.21	152	87657	51.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.58%			
Target Compounds						Qvalue
13) Acetone	2.66	43	3860	2.619	ug/L	100
51) Chlorobenzene	9.47	112	5061	1.050	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	2528	0.902	ug/L	84

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

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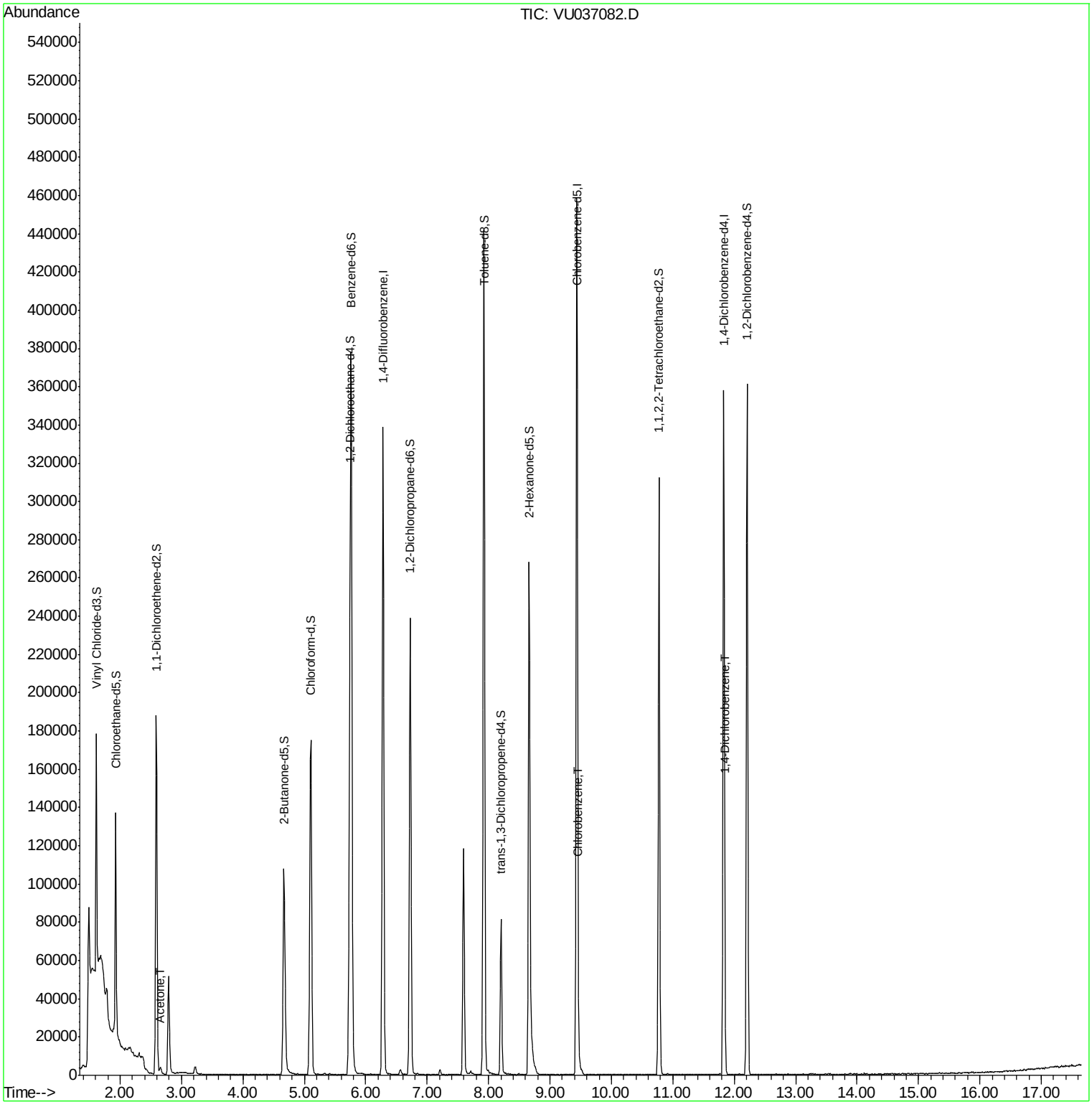
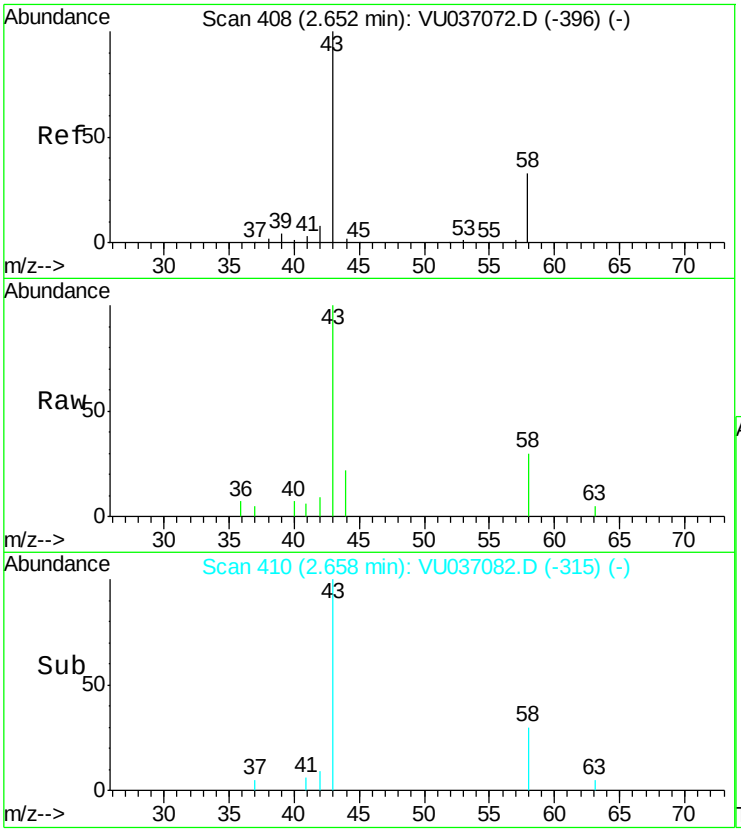


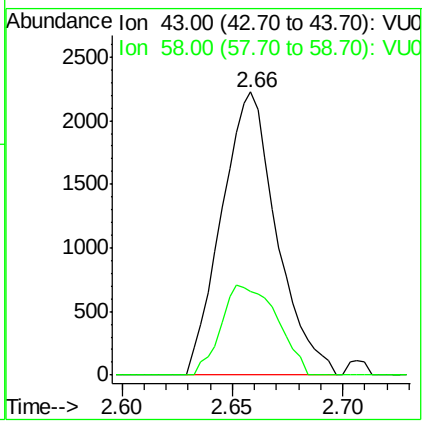


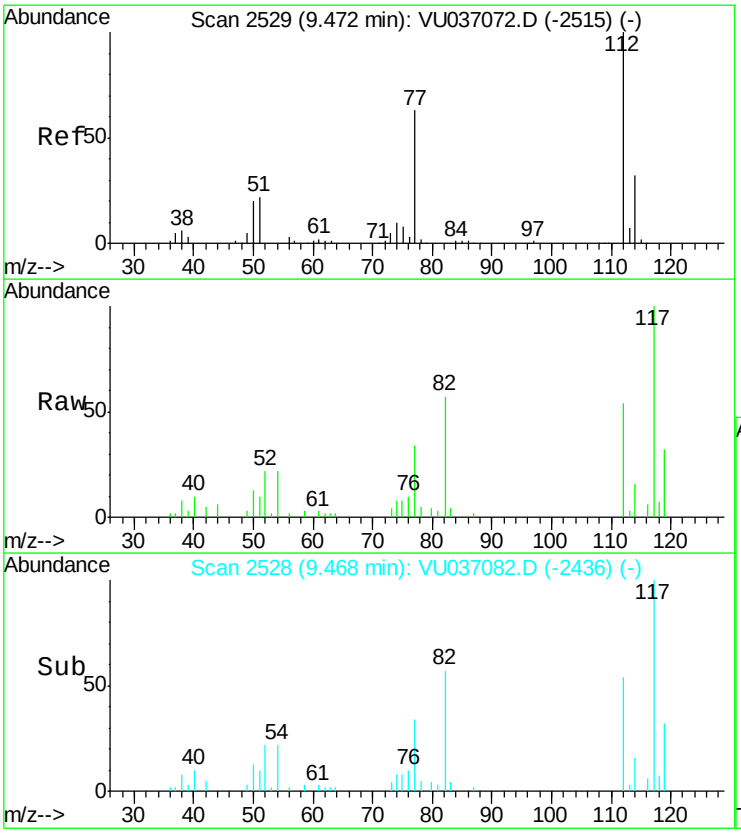
#13
Acetone
Concen: 2.619 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU037082.D
Acq: 05 Mar 2020 14:42

Instrument :
MSVOA_U
ClientSampleId :
C0DG7

Tgt Ion: 43 Resp: 3860

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	64.6

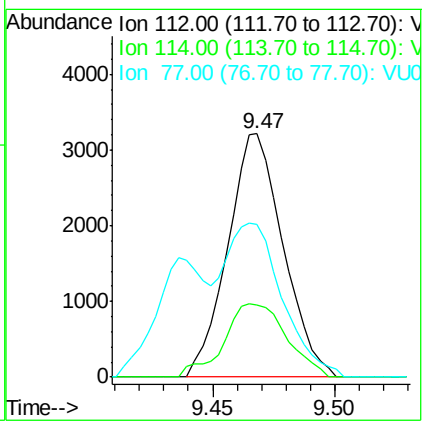


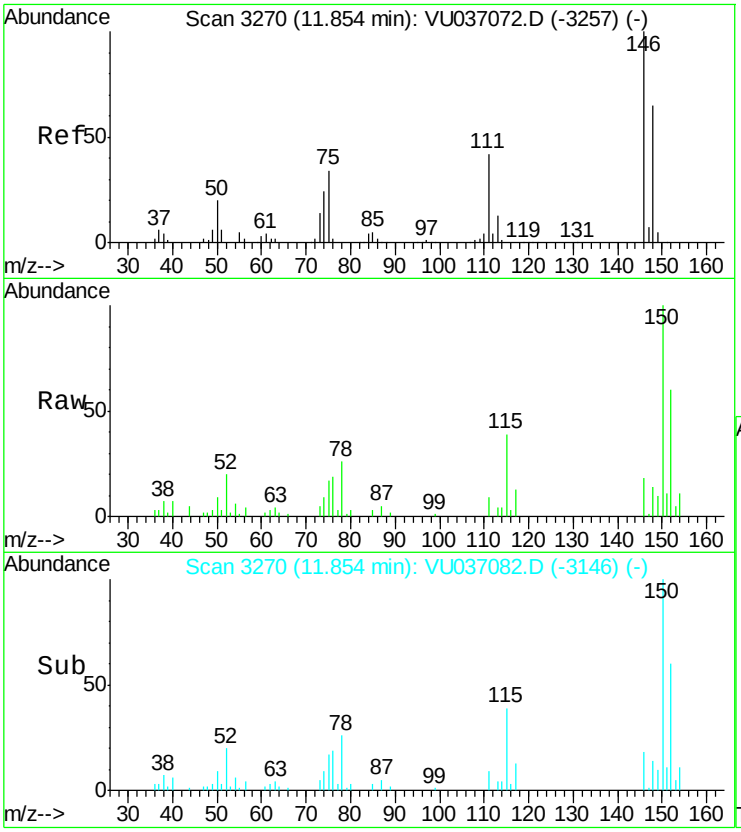


#51
Chlorobenzene
Concen: 1.050 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU037082.D
Acq: 05 Mar 2020 14:42

Tgt Ion:112 Resp: 5061

Ion	Ratio	Lower	Upper
112	100		
114	29.6	22.3	41.5
77	62.9	50.1	75.1





#63
1,4-Dichlorobenzene
Concen: 0.902 ug/L
RT: 11.85 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU037082.D
Acq: 05 Mar 2020 14:42

Instrument :
MSVOA_U
ClientSampleId :
C0DG7

Tgt Ion:146 Resp: 2528

Ion	Ratio	Lower	Upper
146	100		
111	51.3	29.8	55.4
148	78.9	45.1	83.9