Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103119\
Data File : VU035571.D
Acq On : 30 Oct 2019 19:24
Operator : JC/SP
Sample : K5559-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CP9

Quant Time: Oct 31 00:48:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 31 00:14:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	666822	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	648137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	210291	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	232521	43.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.34%			
7) Chloroethane-d5	1.93	69	194585	45.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.48%			
11) 1,1-Dichloroethene-d2	2.60	63	285220	34.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.10%			
21) 2-Butanone-d5	4.70	46	313080	99.52	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.52%			
24) Chloroform-d	5.11	84	394141	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.78%			
26) 1,2-Dichloroethane-d4	5.75	65	247834	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.28%			
32) Benzene-d6	5.77	84	829872	49.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.24%			
36) 1,2-Dichloropropane-d6	6.74	67	271315	49.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.04%			
41) Toluene-d8	7.93	98	749181	47.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.02%			
43) trans-1,3-Dichloropropene-	8.22	79	116068	45.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.98%			
47) 2-Hexanone-d5	8.68	63	202621	96.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.49%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	359313	46.12	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.24%			
64) 1,2-Dichlorobenzene-d4	12.22	152	218400	51.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.98%			
Target Compounds						Qvalue
13) Acetone	2.67	43	9828	3.551	ug/L	97
51) Chlorobenzene	9.48	112	16582	1.301	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	44797	6.633	ug/L	97

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

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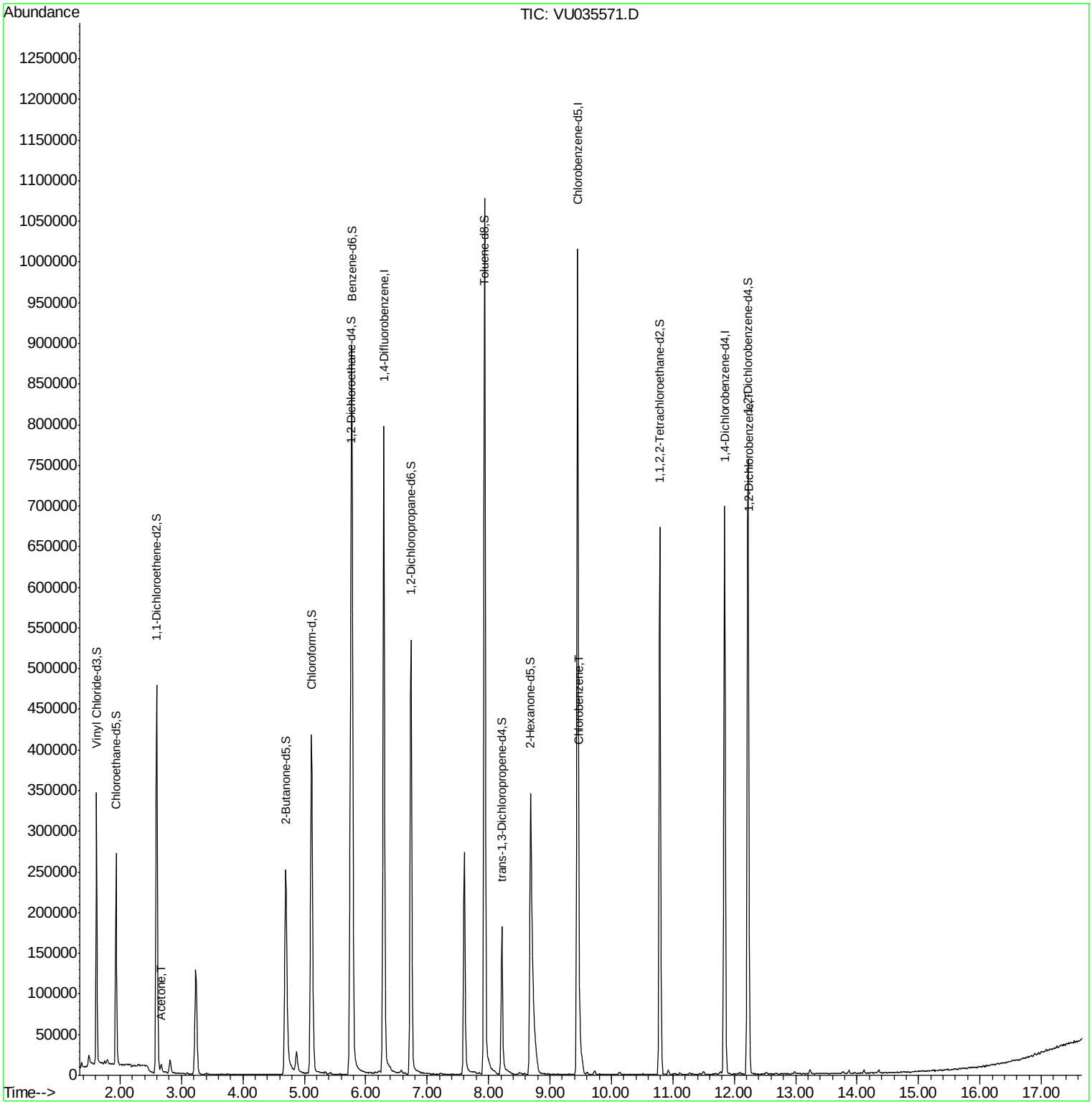
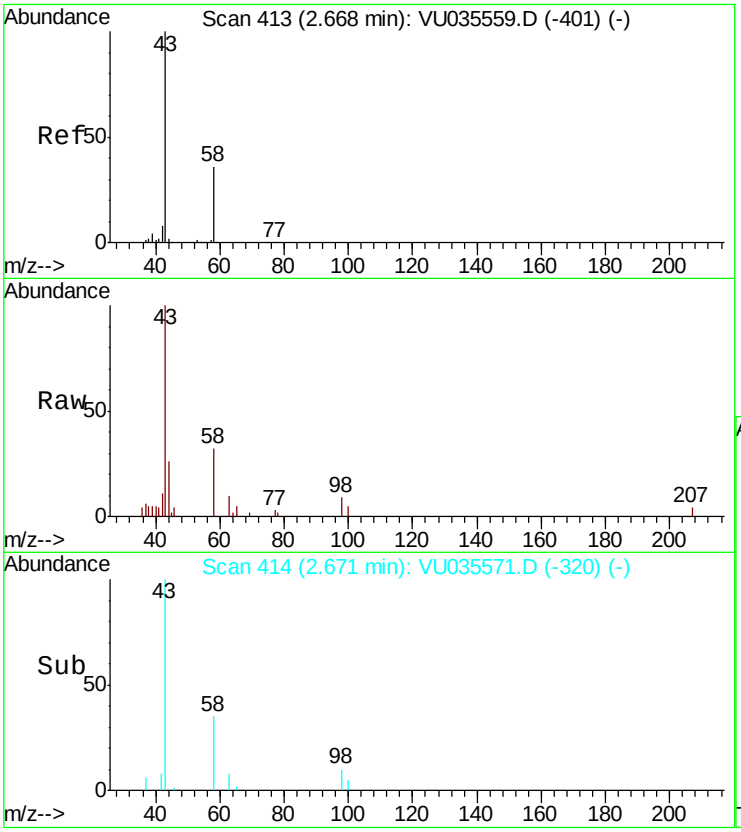


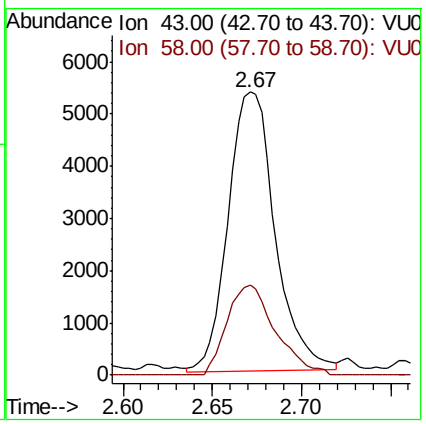


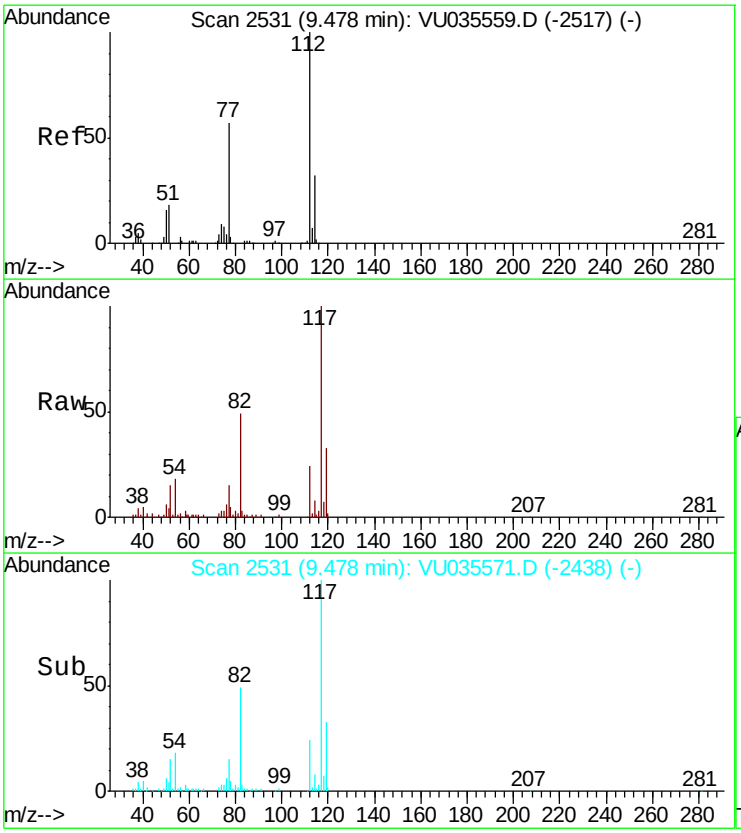
#13
Acetone
Concen: 3.551 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU035571.D
Acq: 30 Oct 2019 19:24

Instrument : MSVOA_U
ClientSampleId : C0CP9

Tgt Ion: 43 Resp: 9828

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	70.0

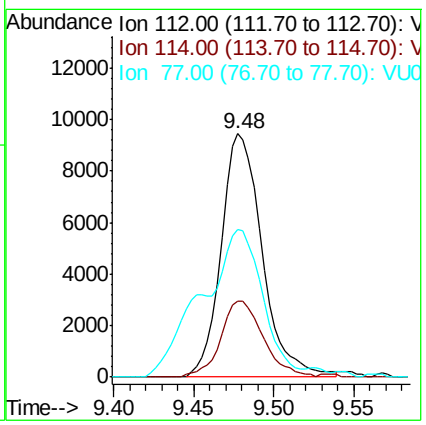


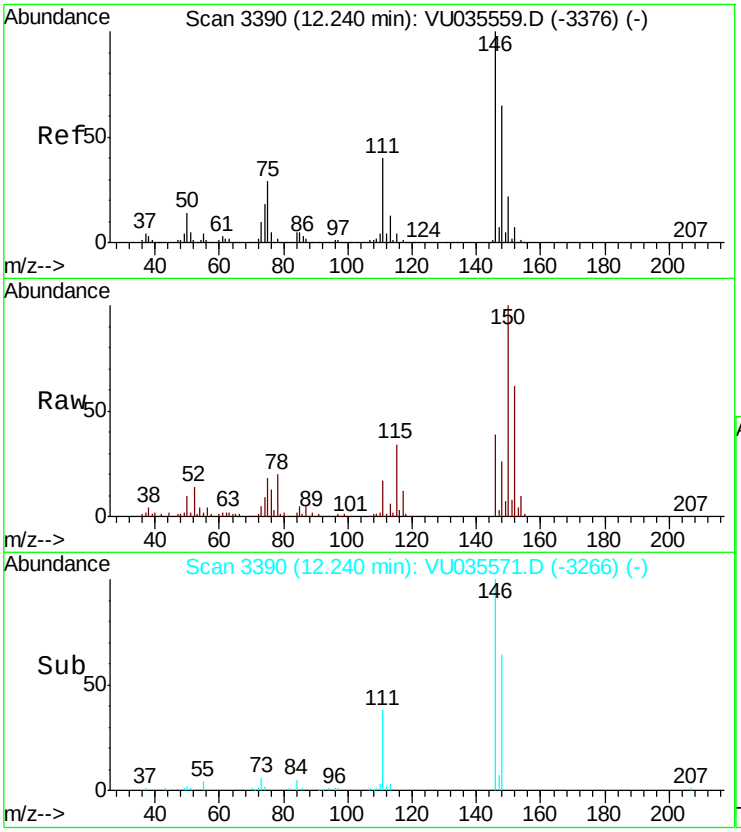


#51
Chlorobenzene
Concen: 1.301 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035571.D
Acq: 30 Oct 2019 19:24

Tgt Ion:112 Resp: 16582

Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.7	42.3
77	60.9	45.9	68.9





#65
1,2-Dichlorobenzene
Concen: 6.633 ug/L
RT: 12.24 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VU035571.D
Acq: 30 Oct 2019 19:24

Instrument :
MSVOA_U
ClientSampleId :
C0CP9

Tgt Ion:146 Resp: 44797

Ion	Ratio	Lower	Upper
146	100		
111	43.7	32.4	48.6
148	65.5	51.8	77.6