Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083018\
Data File : VU026467.D
Acq On : 30 Aug 2018 23:32
Operator : MD/SY
Sample : J4691-07DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEE04DL

Quant Time: Aug 31 06:30:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 05:38:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154431	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61769	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	41115	42.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.94%			
7) Chloroethane-d5	1.68	69	37843	43.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.58%			
11) 1,1-Dichloroethene-d2	2.27	63	54969	25.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 51.02%#			
21) 2-Butanone-d5	4.18	46	66308	89.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.29%			
24) Chloroform-d	4.65	84	75956	42.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.06%			
26) 1,2-Dichloroethane-d4	5.31	65	53172	44.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.38%			
32) Benzene-d6	5.34	84	151817	45.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.42%			
36) 1,2-Dichloropropane-d6	6.33	67	52596	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.18%			
41) Toluene-d8	7.57	98	138512	42.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.46%			
43) trans-1,3-Dichloropropene-	7.85	79	21770	41.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.64%			
47) 2-Hexanone-d5	8.31	63	48301	91.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.29%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72491	42.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	53949	48.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.28%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	16779	15.02	ug/L	96
34) Trichloroethene	6.19	95	12455	11.89	ug/L	98
46) Tetrachloroethene	8.23	164	66143	77.21	ug/L	97

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

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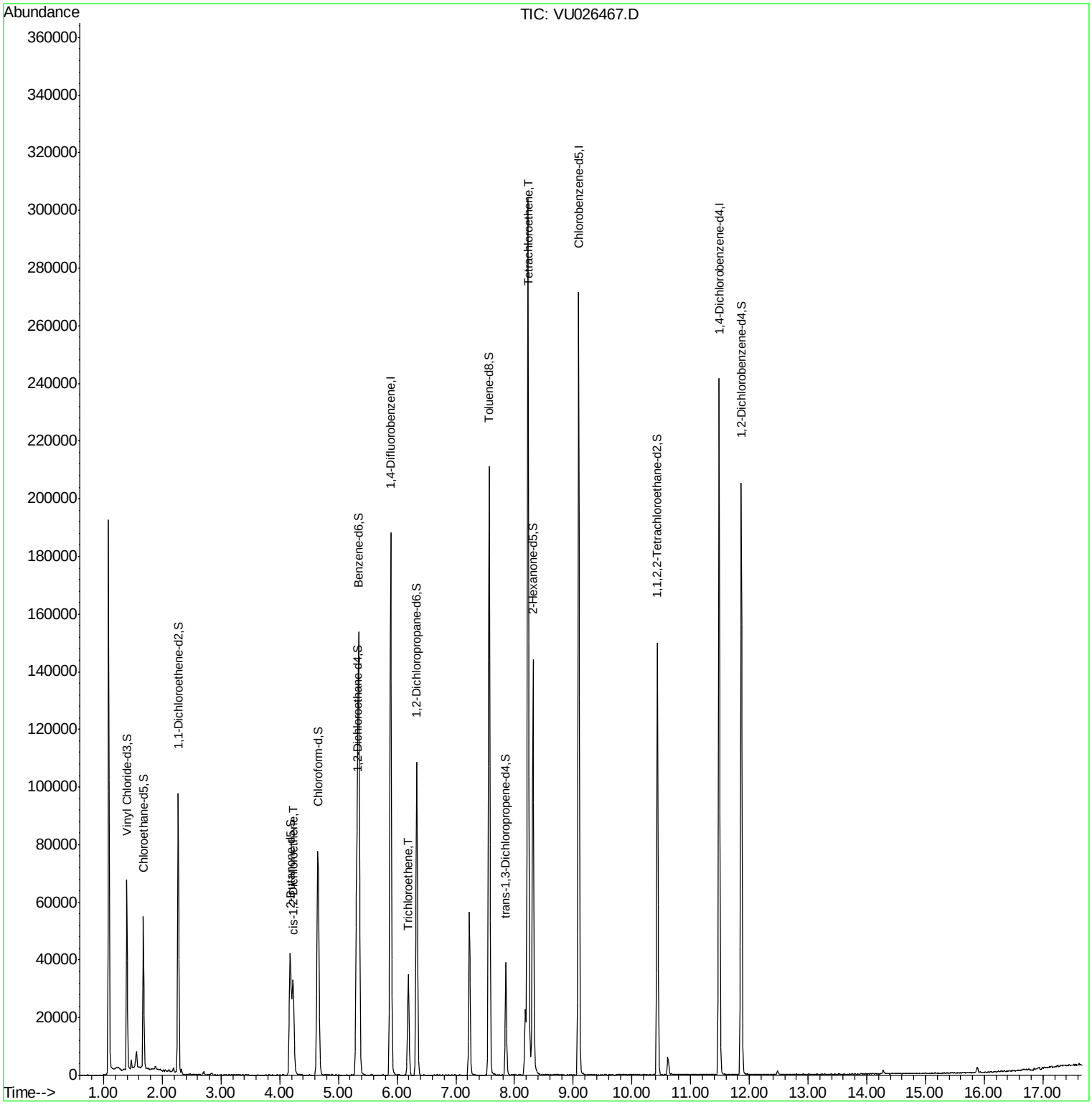
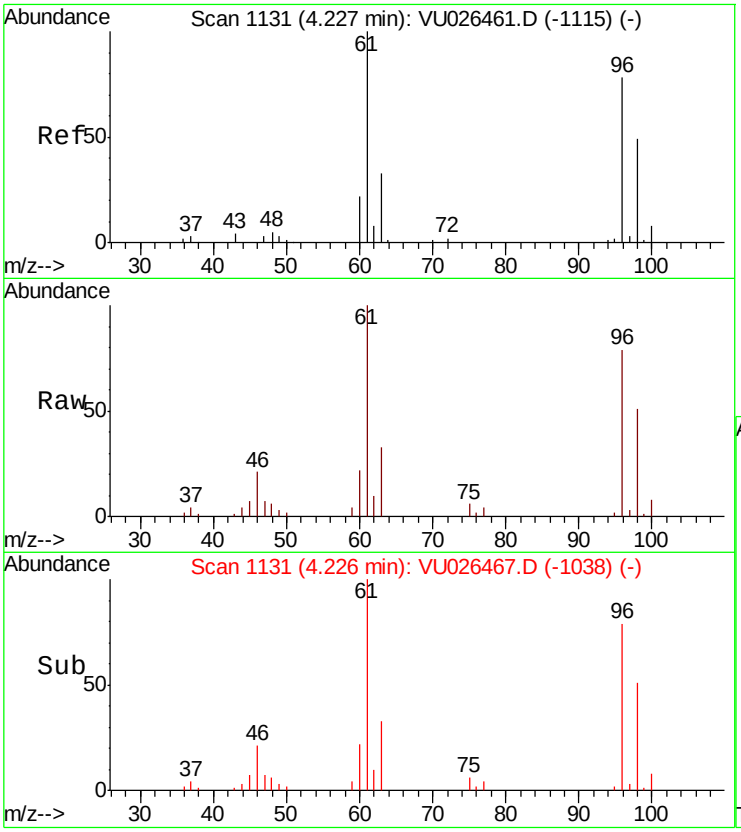


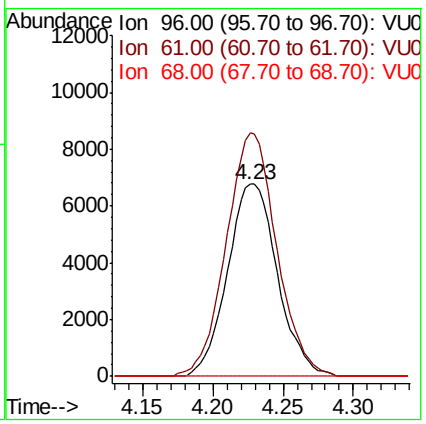


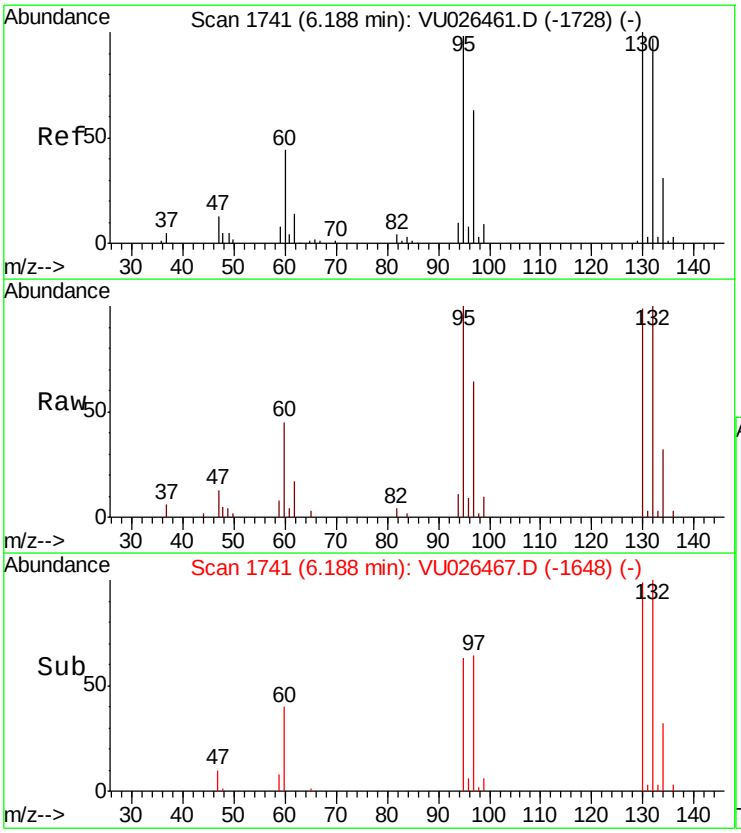
#20
cis-1,2-Dichloroethene
Concen: 15.02 ug/L
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU026467.D
Acq: 30 Aug 2018 23:32

Instrument :
MSVOA_U
ClientSampleId :
BEE04DL

Tgt Ion: 96 Resp: 16779

Ion	Ratio	Lower	Upper
96	100		
61	126.6	91.6	170.2
68	0.0	0.0	0.0

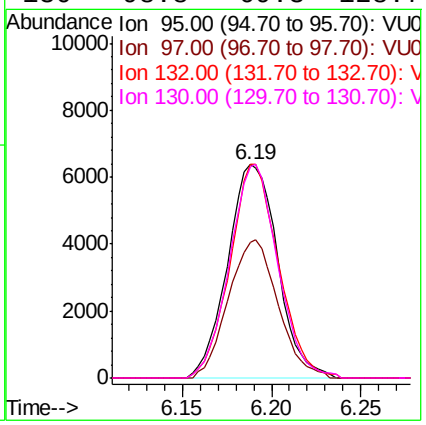


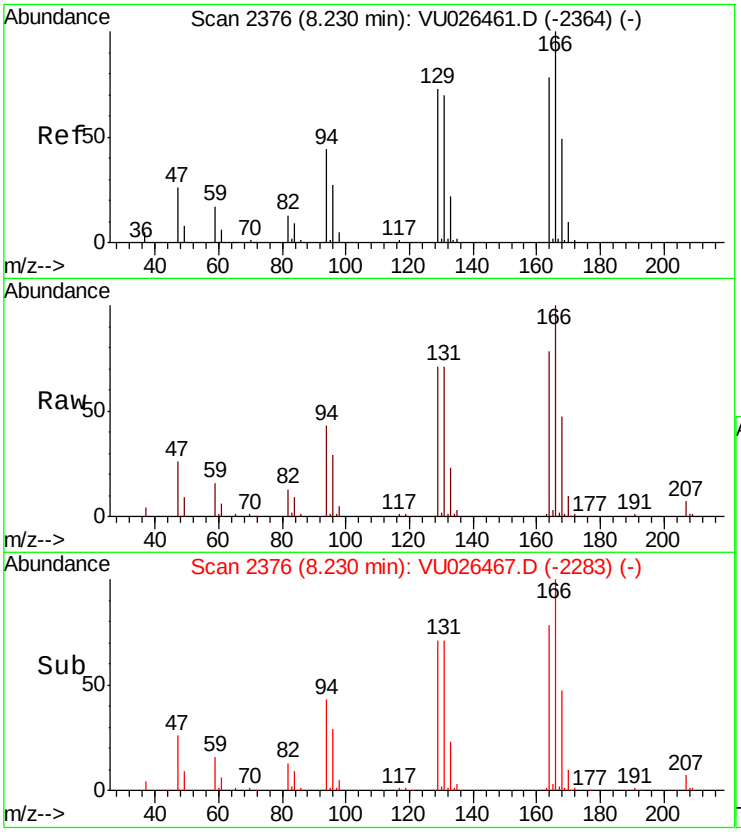


#34
Trichloroethene
Concen: 11.89 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU026467.D
Acq: 30 Aug 2018 23:32

Tgt Ion: 95 Resp: 12455

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.7
132	99.9	67.5	125.3
130	98.8	69.3	128.7





#46
Tetrachloroethene
Concen: 77.21 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026467.D
Acq: 30 Aug 2018 23:32

Instrument :
MSVOA_U
ClientSampleId :
BEE04DL

Tgt Ion:164 Resp: 66143

Ion	Ratio	Lower	Upper
164	100		
129	90.4	67.3	125.1
131	91.1	65.3	121.3
166	128.2	90.9	168.7