Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082418\
Data File : VU026333.D
Acq On : 24 Aug 2018 15:04
Operator : MD/SY
Sample : J4624-02ME
Misc : 6.14g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E4428ME

Quant Time: Aug 25 04:04:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	313336	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	313950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	161459	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	74904	39.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.38%			
7) Chloroethane-d5	1.64	69	47787	30.66	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.32%#			
11) 1,1-Dichloroethene-d2	2.24	63	114427	30.46	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.92%			
21) 2-Butanone-d5	4.19	46	133379	87.44	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.44%			
24) Chloroform-d	4.64	84	177081	41.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.14%			
26) 1,2-Dichloroethane-d4	5.31	65	120096	43.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.64%			
32) Benzene-d6	5.34	84	344138	40.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.94%			
36) 1,2-Dichloropropane-d6	6.33	67	111742	41.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.88%			
41) Toluene-d8	7.57	98	306105	38.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.26%#			
43) trans-1,3-Dichloropropene-	7.85	79	54200	38.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.80%			
47) 2-Hexanone-d5	8.33	63	102369	88.82	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.82%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	177894	44.57	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.14%			
64) 1,2-Dichlorobenzene-d4	11.86	152	145924	42.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.18%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	62709	27.948	ug/L	97
34) Trichloroethene	6.18	95	24146	10.669	ug/L	94
46) Tetrachloroethene	8.23	164	69958	35.923	ug/L	94

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

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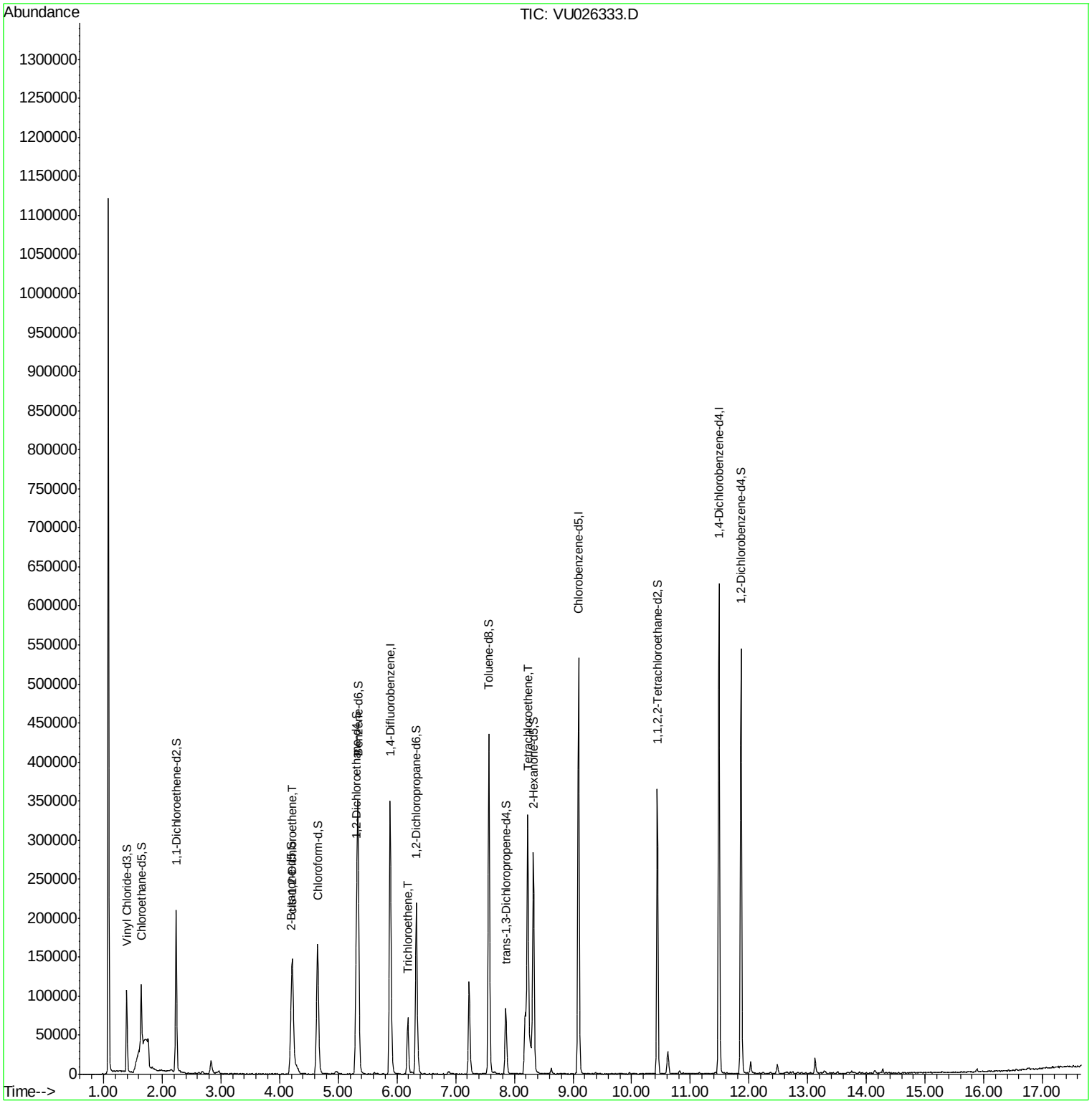
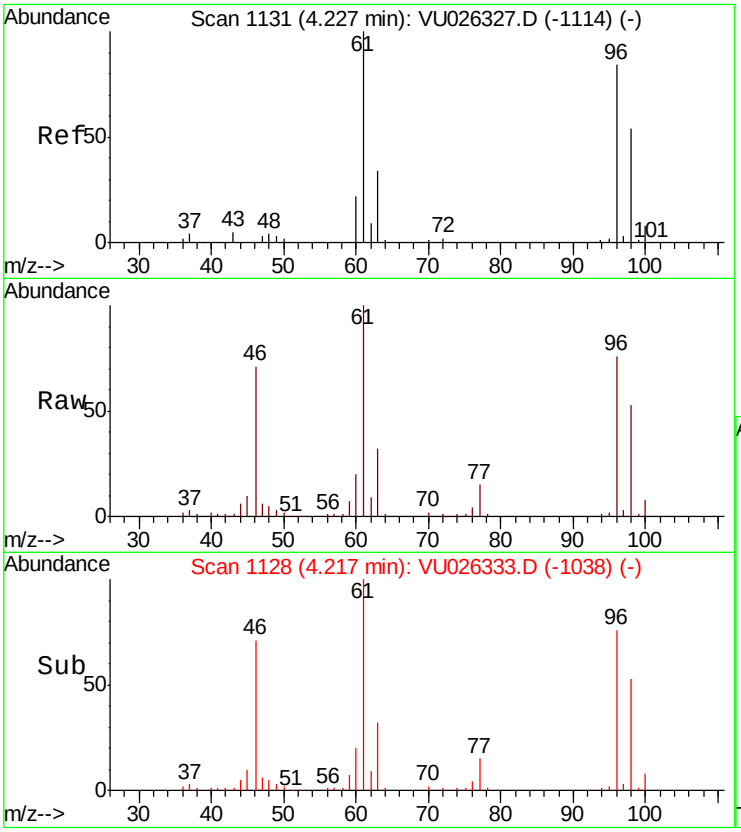


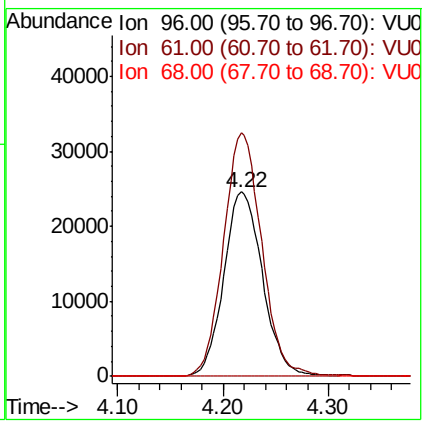


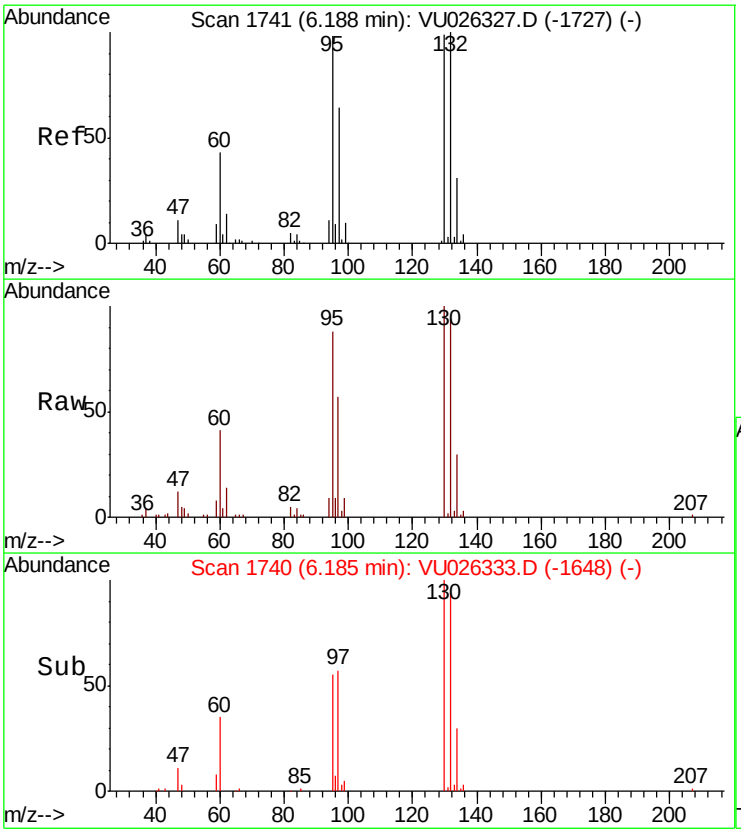
#20
cis-1,2-Dichloroethene
Concen: 27.948 ug/L
RT: 4.22 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VU026333.D
Acq: 24 Aug 2018 15:04

Instrument :
MSVOA_U
ClientSampleId :
E4428ME

Tgt Ion: 96 Resp: 62709

Ion	Ratio	Lower	Upper
96	100		
61	132.0	90.3	167.7
68	0.0	0.0	0.0

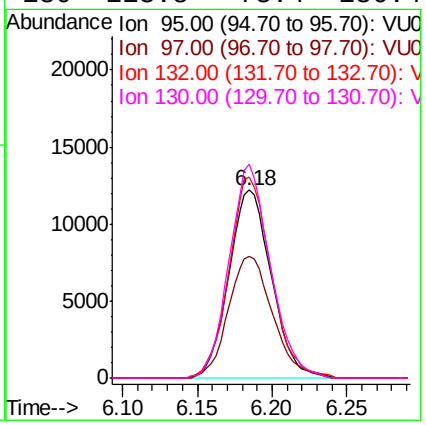


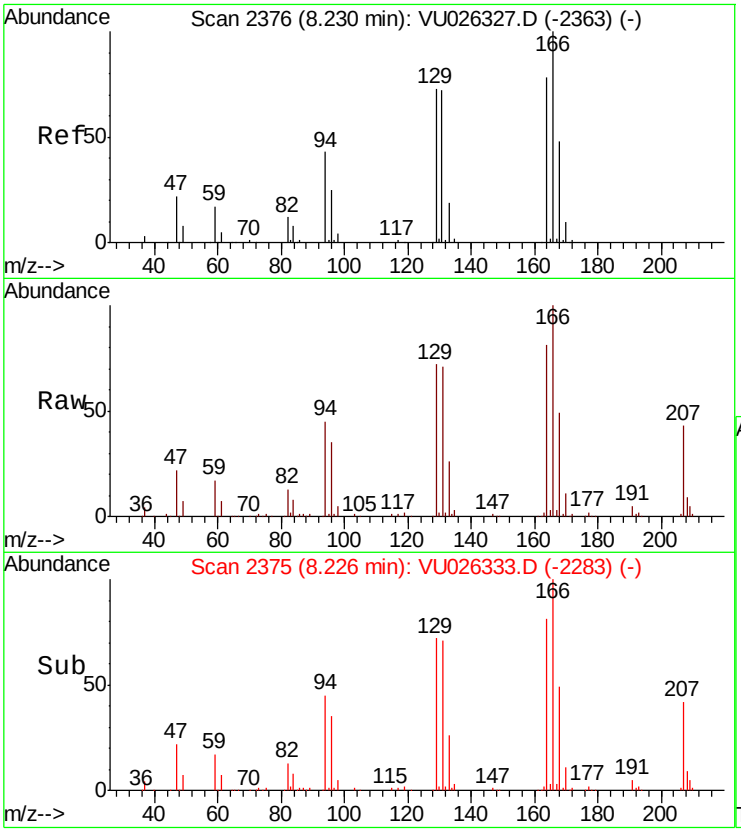


#34
Trichloroethene
Concen: 10.669 ug/L
RT: 6.18 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VU026333.D
Acq: 24 Aug 2018 15:04

Tgt Ion: 95 Resp: 24146

Ion	Ratio	Lower	Upper
95	100		
97	65.0	47.2	87.6
132	106.7	70.2	130.4
130	113.8	73.4	136.4





#46
Tetrachloroethene
Concen: 35.923 ug/L
RT: 8.23 min Scan# 2375
Delta R.T. -0.00 min
Lab File: VU026333.D
Acq: 24 Aug 2018 15:04

Instrument :
MSVOA_U
ClientSampleId :
E4428ME

Tgt Ion:164 Resp: 69958

Ion	Ratio	Lower	Upper
164	100		
129	89.0	67.3	124.9
131	88.1	65.5	121.7
166	123.7	90.9	168.9