Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\
Data File : VU033239.D
Acq On : 12 Jul 2019 21:59
Operator : JC/SP
Sample : K3785-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0XK9

Quant Time: Jul 13 02:00:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 00:05:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	294990	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130774	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	116903	52.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.70%			
7) Chloroethane-d5	1.67	69	102346	53.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.30%			
11) 1,1-Dichloroethene-d2	2.26	63	154302	38.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.18%			
21) 2-Butanone-d5	4.15	46	153408	108.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.42%			
24) Chloroform-d	4.62	84	189548	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.30%			
26) 1,2-Dichloroethane-d4	5.29	65	126429	52.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.34%			
32) Benzene-d6	5.32	84	390135	54.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.38%			
36) 1,2-Dichloropropane-d6	6.31	67	125811	55.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.12%			
41) Toluene-d8	7.55	98	347319	51.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.26%			
43) trans-1,3-Dichloropropene-	7.83	79	56239	50.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.38%			
47) 2-Hexanone-d5	8.29	63	113599	110.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.27%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	180427	52.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.34%			
64) 1,2-Dichlorobenzene-d4	11.85	152	130862	56.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.22%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.87	101	5672	1.296	ug/L	99
13) Acetone	2.31	43	2165	1.225	ug/L	94
34) Trichloroethene	6.17	95	1914	0.863	ug/L	83
46) Tetrachloroethene	8.21	164	12301	7.165	ug/L	98

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

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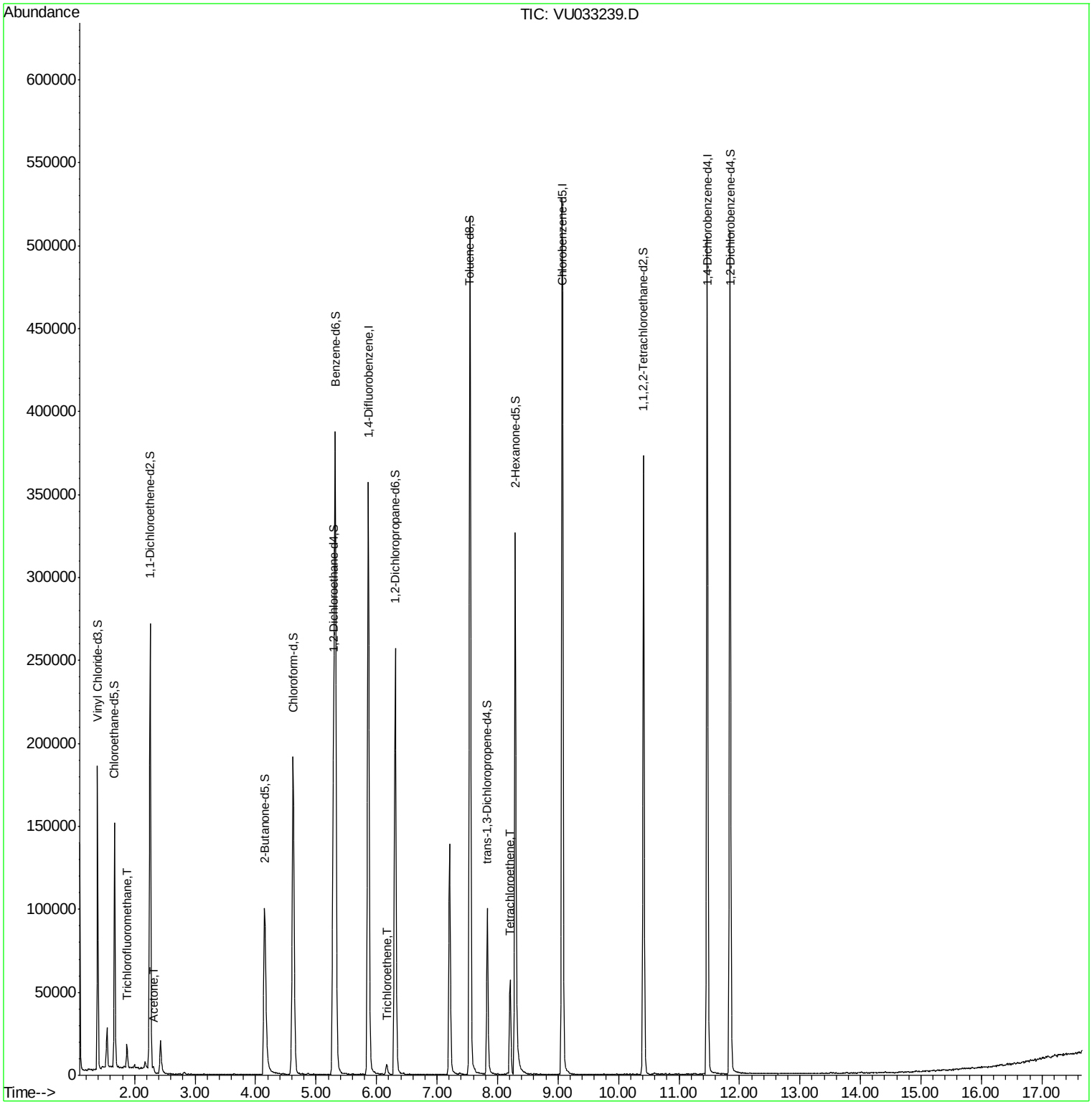
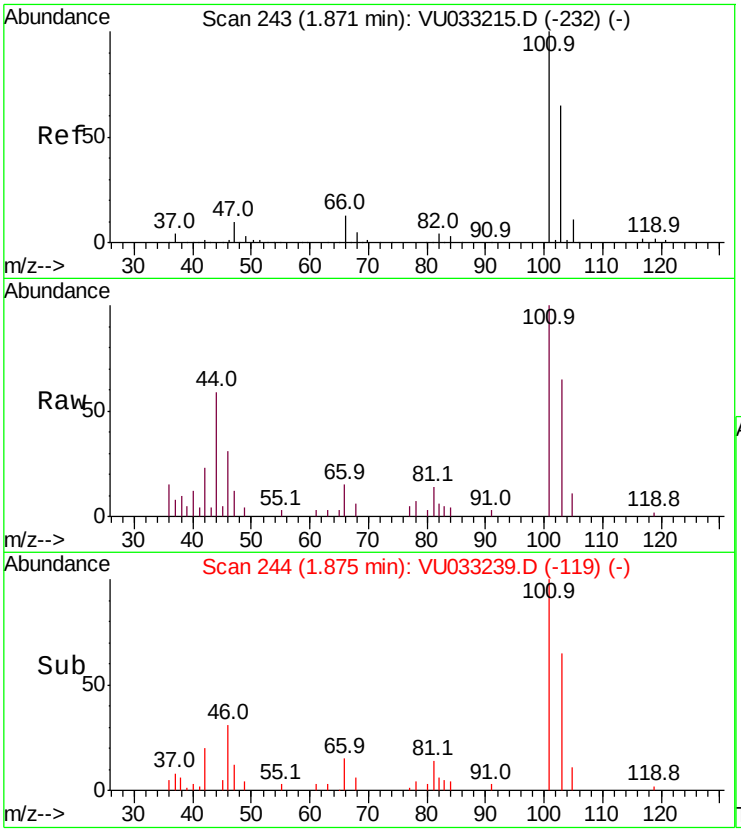


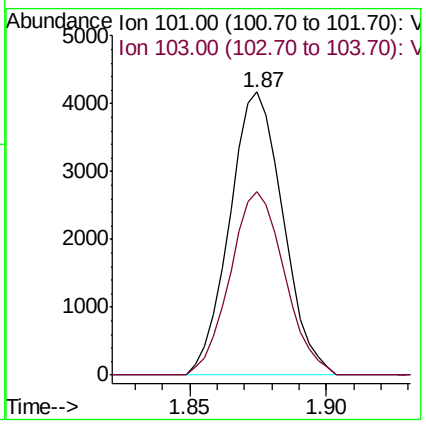


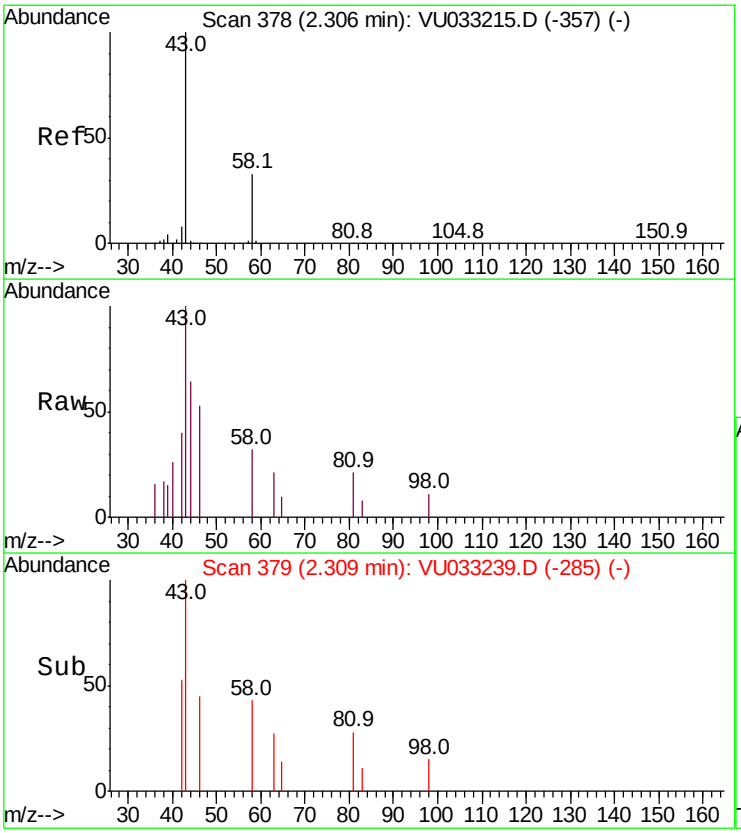
#9
Trichlorofluoromethane
Concen: 1.296 ug/L
RT: 1.87 min Scan# 244
Delta R.T. 0.00 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

Instrument : MSVOA_U
ClientSampleId : C0XK9

Tgt Ion:101 Resp: 5672

Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.2	78.4

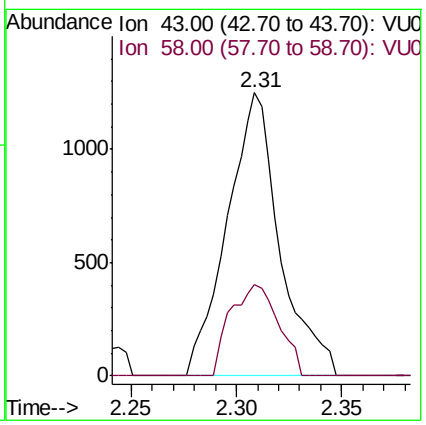


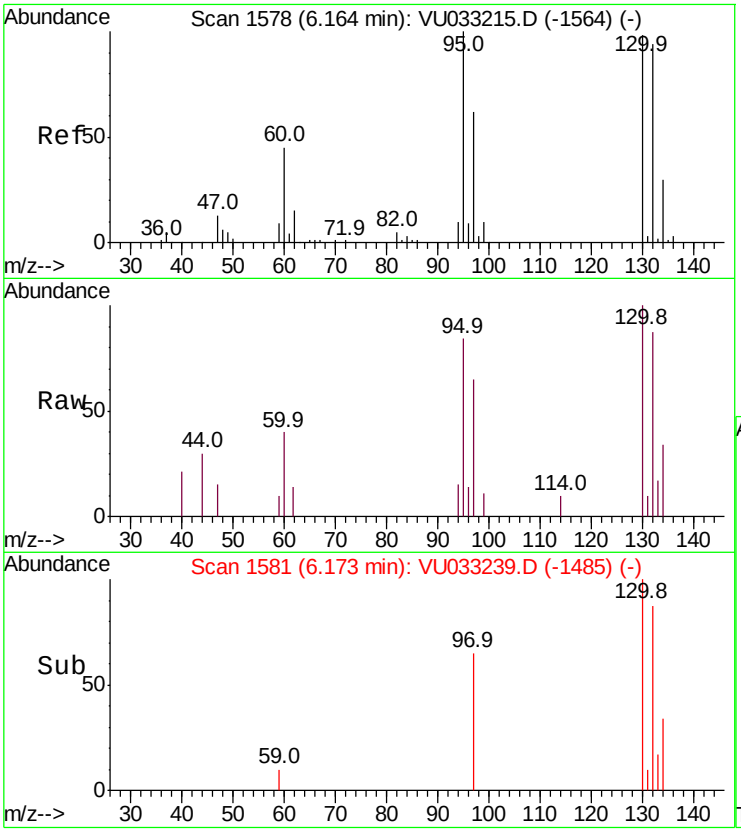


#13
Acetone
Concen: 1.225 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

Tgt Ion: 43 Resp: 2165

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	65.4



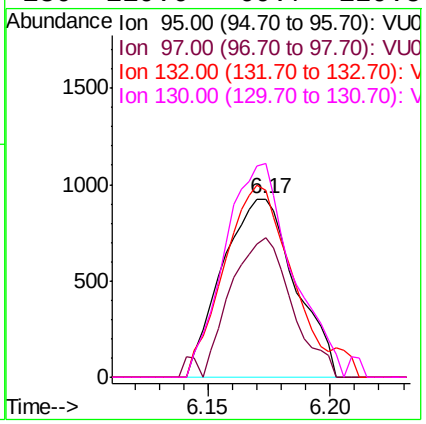


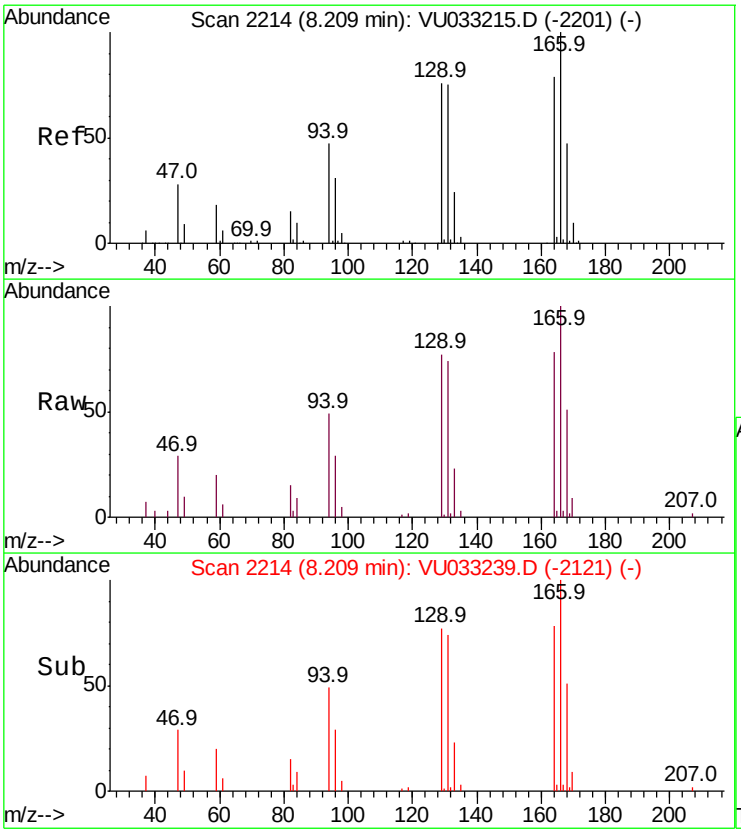
#34
Trichloroethene
Concen: 0.863 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

Instrument : MSVOA_U
ClientSampleId : C0XK9

Tgt Ion: 95 Resp: 1914

Ion	Ratio	Lower	Upper
95	100		
97	78.1	43.8	81.4
132	104.6	65.5	121.6
130	119.6	69.7	129.5





#46
Tetrachloroethene
Concen: 7.165 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033239.D
Acq: 12 Jul 2019 21:59

Tgt Ion:164 Resp: 12301

Ion	Ratio	Lower	Upper
164	100		
129	98.7	69.6	129.2
131	95.5	65.7	122.1
166	129.0	88.5	164.4