Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\

Quantitation Report (Not Reviewed)

Data File : VU034796.D
Acq On : 25 Sep 2019 12:32
Operator : JC/SP
Sample : K4993-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: Sep 26 04:43:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	487163	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	448050	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	200314	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	220302	44.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.34%			
7) Chloroethane-d5	1.67	69	190726	49.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.96%			
11) 1,1-Dichloroethene-d2	2.26	63	302192	35.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.56%			
21) 2-Butanone-d5	4.15	46	366840	95.97	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.97%			
24) Chloroform-d	4.62	84	344529	47.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.04%			
26) 1,2-Dichloroethane-d4	5.28	65	250605	47.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.04%			
32) Benzene-d6	5.31	84	768153	55.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.62%			
36) 1,2-Dichloropropane-d6	6.31	67	267814	55.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.34%			
41) Toluene-d8	7.54	98	732879	55.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.94%			
43) trans-1,3-Dichloropropene-	7.83	79	113902	48.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.98%			
47) 2-Hexanone-d5	8.29	63	257545	105.64	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.64%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	348721	51.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.56%			
64) 1,2-Dichlorobenzene-d4	11.84	152	244163	58.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.26%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2620	0.789	ug/L #	23
25) Chloroform	4.65	83	21152	2.687	ug/L	96
48) 2-Hexanone	8.29	43	32280	4.679	ug/L #	70
59) 1,2,3-Trichloropropane	11.46	75	28527	4.936	ug/L	93

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

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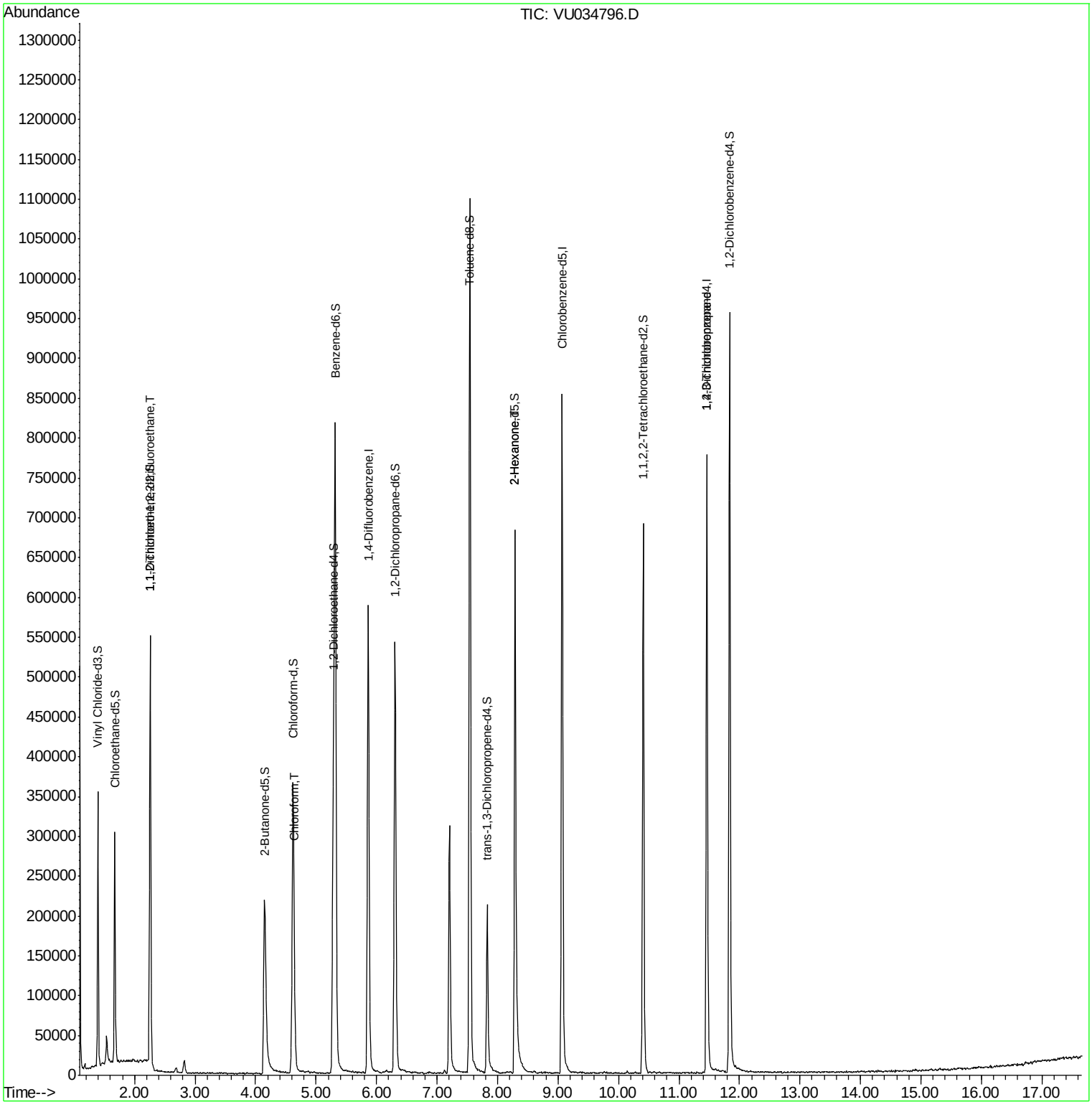
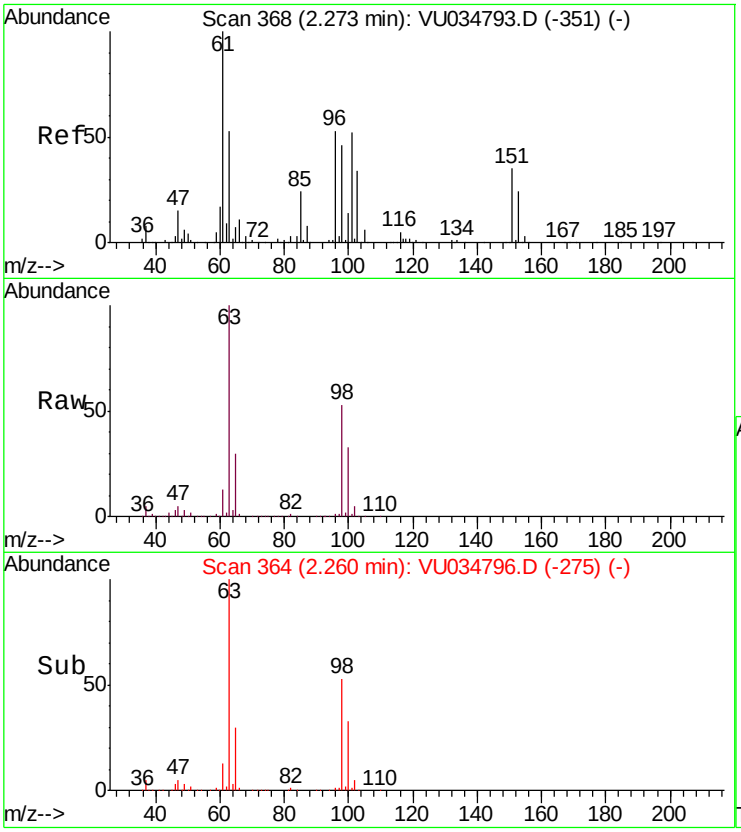


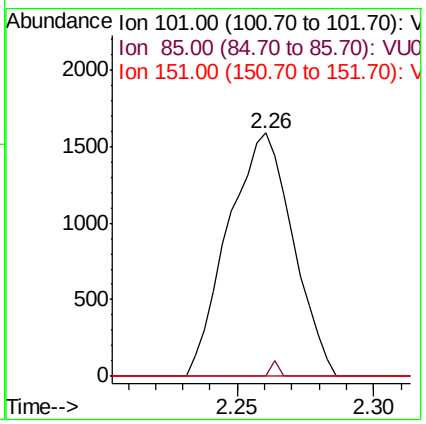


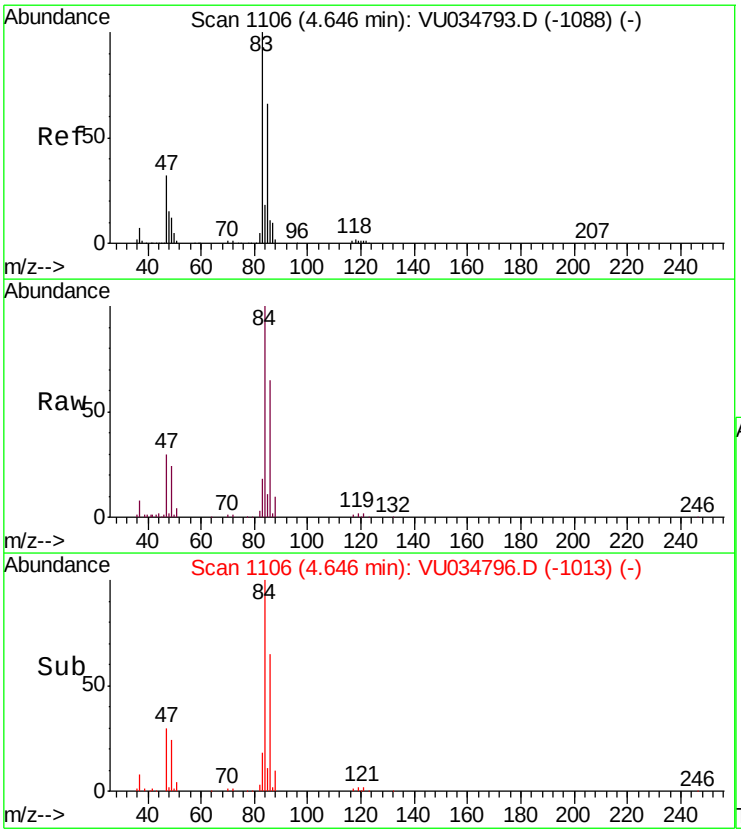
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.789 ug/L
RT: 2.26 min Scan# 364
Delta R.T. -0.01 min
Lab File: VU034796.D
Acq: 25 Sep 2019 12:32

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 2620

Ion	Ratio	Lower	Upper
101	100		
85	1.8	39.0	58.4#
151	0.0	52.8	79.2#

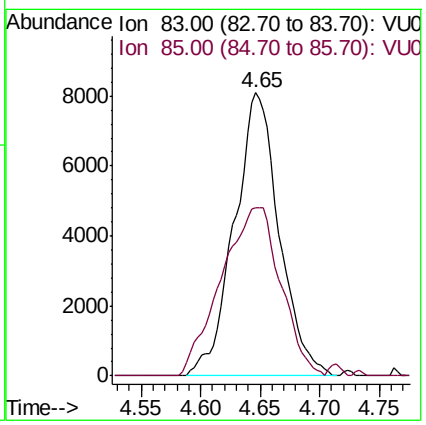


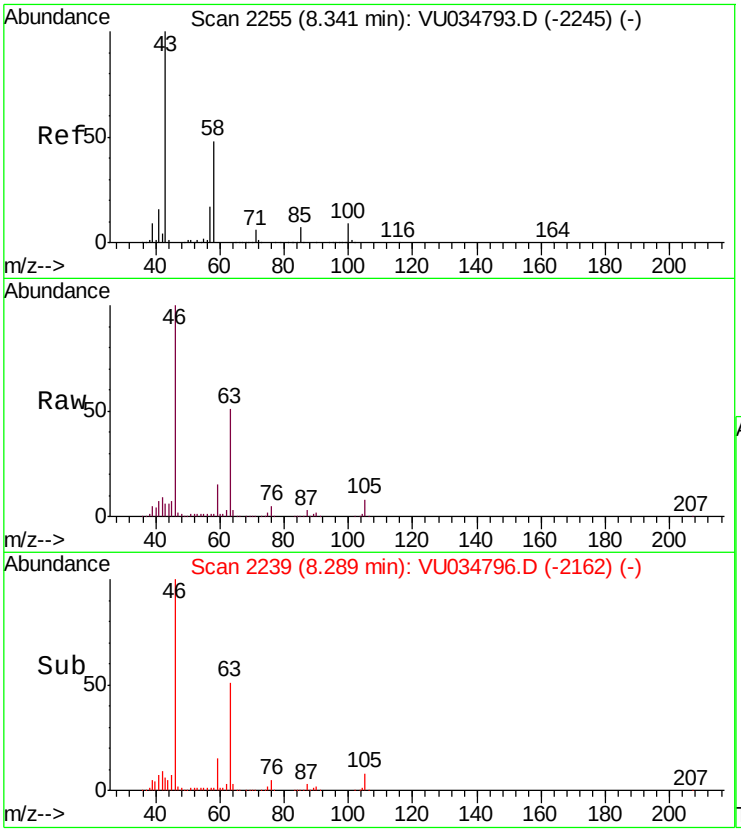


#25
Chloroform
Concen: 2.687 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU034796.D
Acq: 25 Sep 2019 12:32

Tgt Ion: 83 Resp: 21152

Ion	Ratio	Lower	Upper
83	100		
85	59.6	44.0	81.6



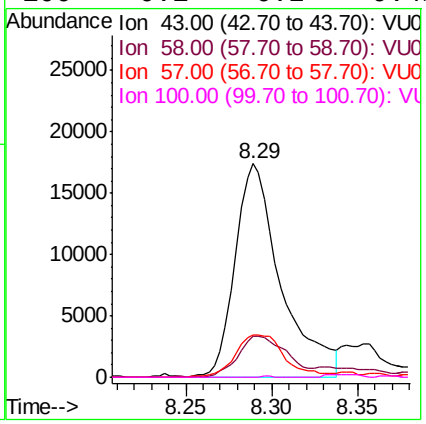


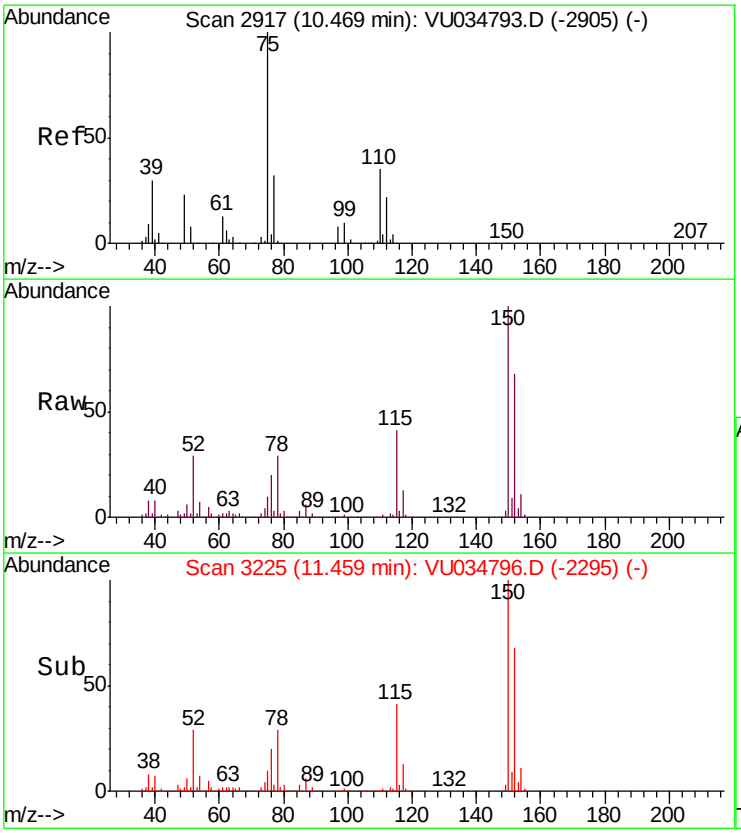
#48
2-Hexanone
Concen: 4.679 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034796.D
Acq: 25 Sep 2019 12:32

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion: 43 Resp: 32280

Ion	Ratio	Lower	Upper
43	100		
58	20.5	35.3	52.9#
57	21.2	12.1	18.1#
100	0.1	6.2	9.4#





#59
1,2,3-Trichloropropane
Concen: 4.936 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034796.D
Acq: 25 Sep 2019 12:32

Tgt Ion: 75 Resp: 28527

Ion	Ratio	Lower	Upper
75	100		
77	34.6	24.6	37.0