Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051419\

Quantitation Report (Not Reviewed)

Data File : VU032001.D
Acq On : 14 May 2019 17:50
Operator : JC/SP
Sample : K2788-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Quant Time: May 15 04:31:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1045056	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1051152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	396143	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	417596	45.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.08%			
7) Chloroethane-d5	1.67	69	348821	46.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.96%			
11) 1,1-Dichloroethene-d2	2.27	63	574542	34.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.90%			
21) 2-Butanone-d5	4.17	46	618980	96.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.39%			
24) Chloroform-d	4.64	84	710294	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.54%			
26) 1,2-Dichloroethane-d4	5.31	65	463820	47.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.94%			
32) Benzene-d6	5.34	84	1512876	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.42%			
36) 1,2-Dichloropropane-d6	6.32	67	502366	50.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.06%			
41) Toluene-d8	7.56	98	1290935	47.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.70%			
43) trans-1,3-Dichloropropene-	7.85	79	197454	44.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.16%			
47) 2-Hexanone-d5	8.31	63	391302	96.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	676672	45.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.06%			
64) 1,2-Dichlorobenzene-d4	11.85	152	439347	52.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.42%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5161	0.664	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4264	0.552	ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	48815	4.047	ug/L	89

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

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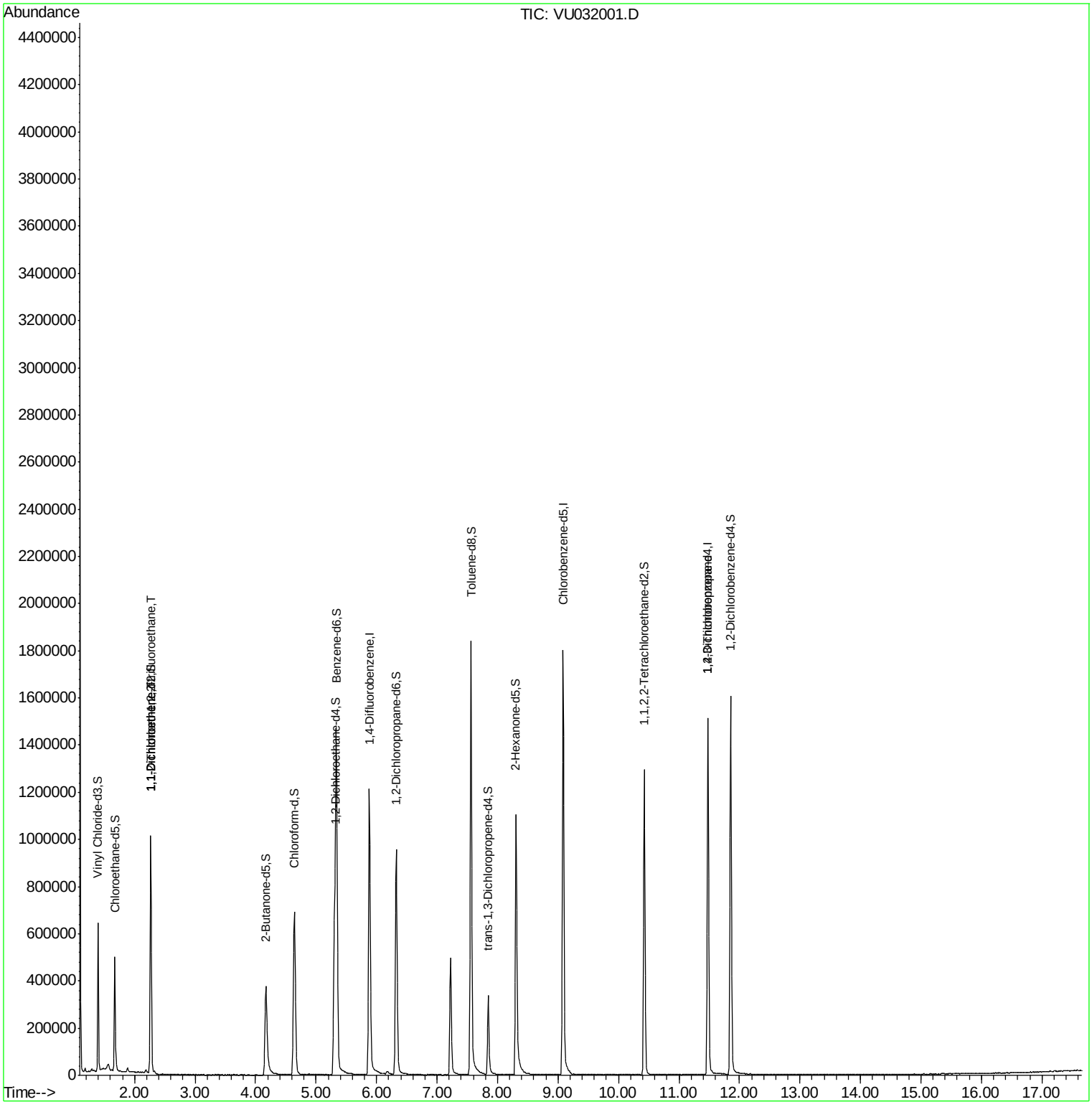
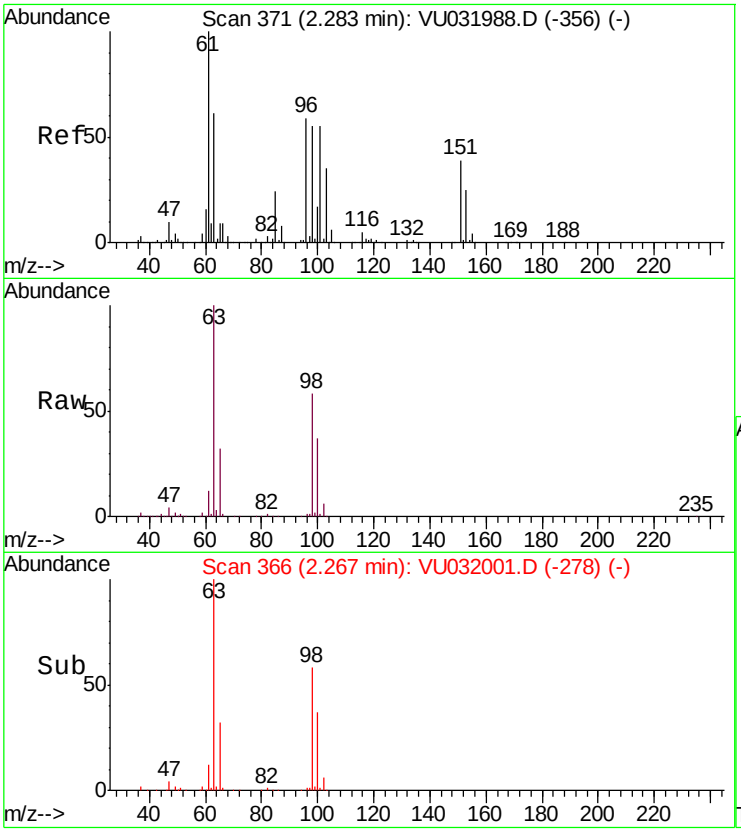


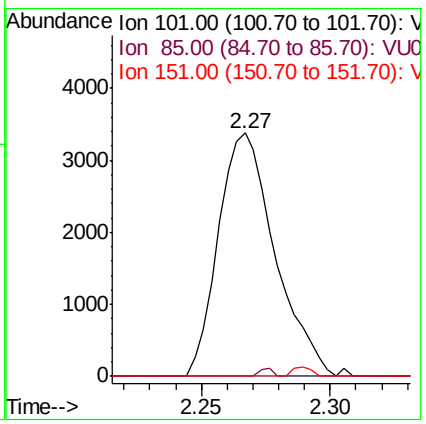


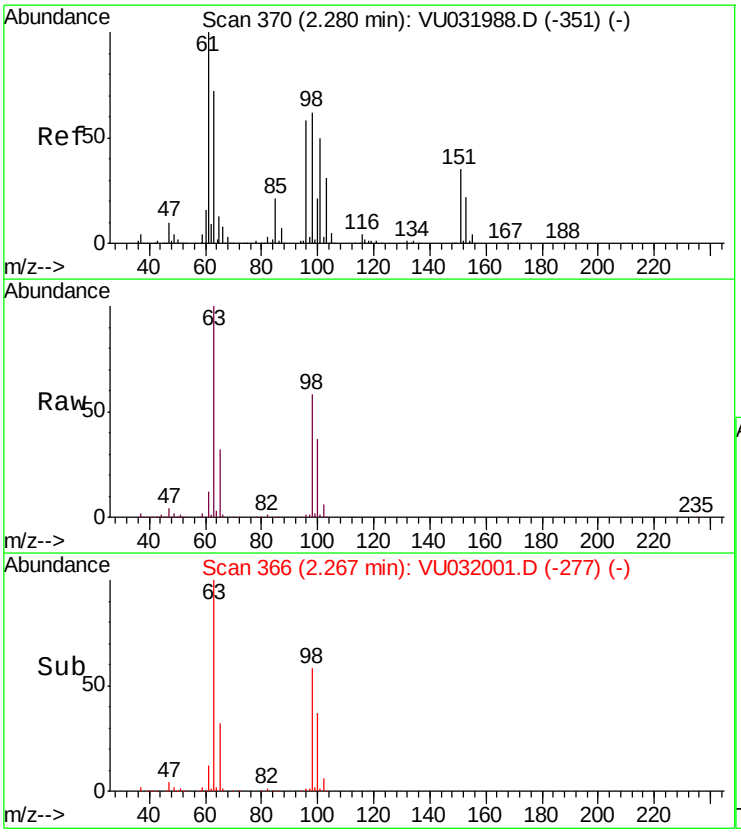
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.664 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU032001.D
Acq: 14 May 2019 17:50

Instrument : MSVOA_U
ClientSampleId : VHBLK02

Tgt Ion:101 Resp: 5161

Ion	Ratio	Lower	Upper
101	100		
85	0.8	34.1	51.1#
151	0.0	55.8	83.8#

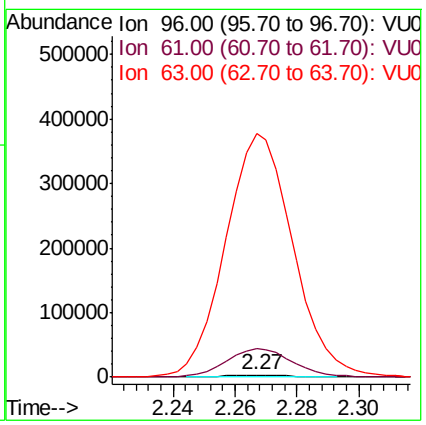


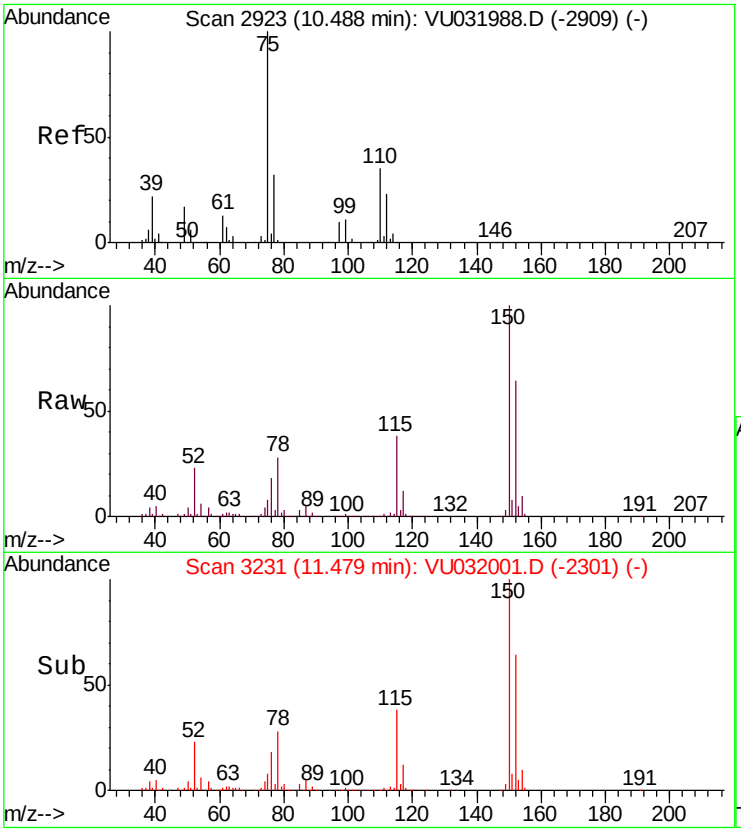


#12
1,1-Dichloroethene
Concen: 0.552 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032001.D
Acq: 14 May 2019 17:50

Tgt Ion: 96 Resp: 4264

Ion	Ratio	Lower	Upper
96	100		
61	1536.2	120.9	224.5#
63	13086.3	84.4	156.8#





#59
1,2,3-Trichloropropane
Concen: 4.047 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032001.D
Acq: 14 May 2019 17:50

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 48815

Ion	Ratio	Lower	Upper
75	100		
77	38.2	25.7	38.5