Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

Quantitation Report (Not Reviewed)

Data File : VU032039.D
Acq On : 15 May 2019 18:31
Operator : JC/SP
Sample : K2738-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Quant Time: May 16 04:30:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1064212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1049426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	403812	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	386211	41.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.72%			
7) Chloroethane-d5	1.67	69	325130	43.00	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.27	63	531462	31.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.50%			
21) 2-Butanone-d5	4.17	46	644447	98.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.55%			
24) Chloroform-d	4.64	84	674547	43.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.30%			
26) 1,2-Dichloroethane-d4	5.30	65	443152	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.02%			
32) Benzene-d6	5.33	84	1433871	47.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.38%			
36) 1,2-Dichloropropane-d6	6.32	67	484820	48.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.74%			
41) Toluene-d8	7.56	98	1218413	44.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.52%			
43) trans-1,3-Dichloropropene-	7.85	79	196386	44.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.82%			
47) 2-Hexanone-d5	8.31	63	404912	99.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.61%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	683695	46.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.16%			
64) 1,2-Dichlorobenzene-d4	11.86	152	427528	50.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.64%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	5115	0.646	ug/L #	22
25) Chloroform	4.67	83	11431	0.720	ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	7467	0.649	ug/L	83
59) 1,2,3-Trichloropropane	11.48	75	50222	4.170	ug/L	94

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

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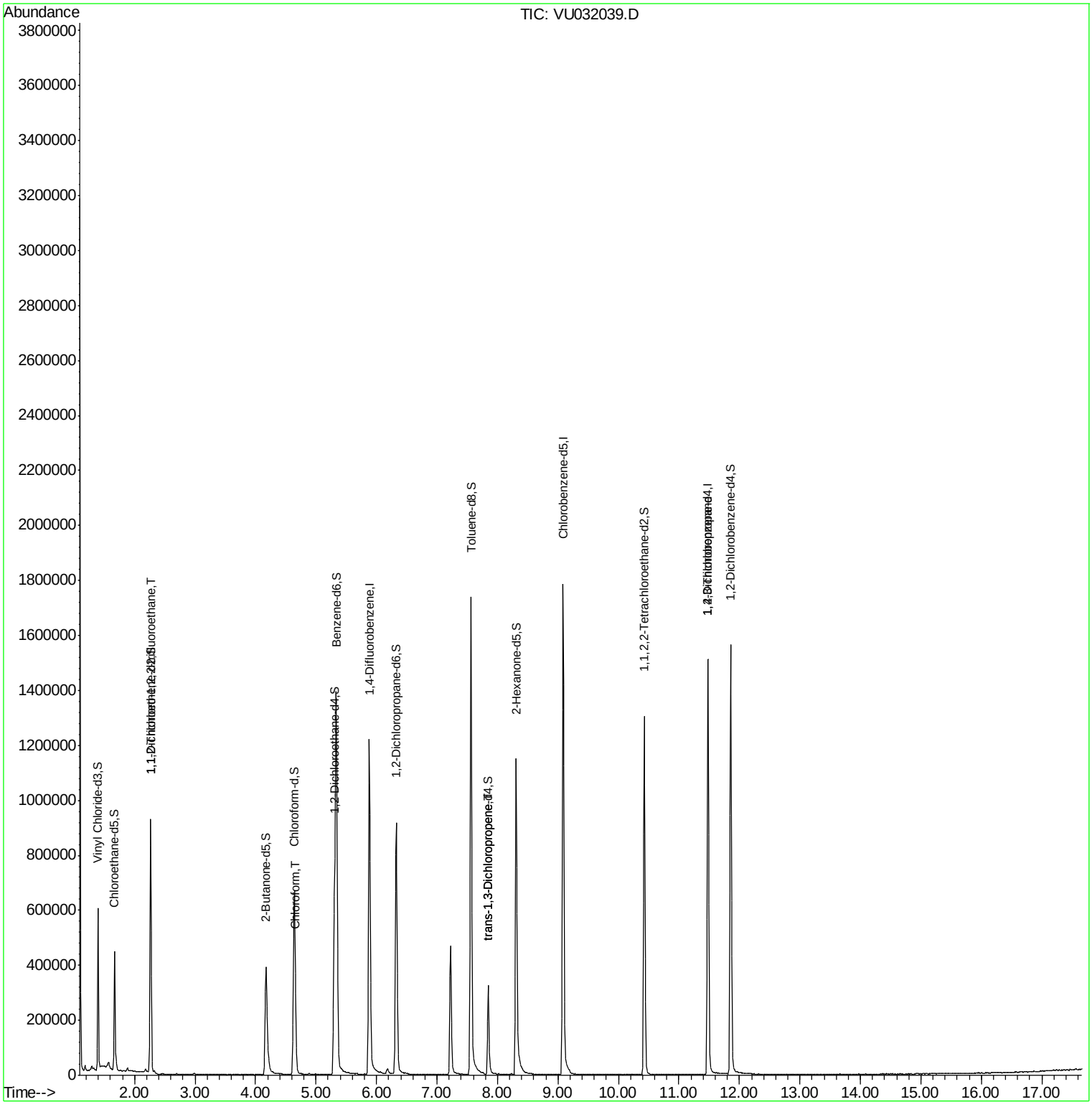
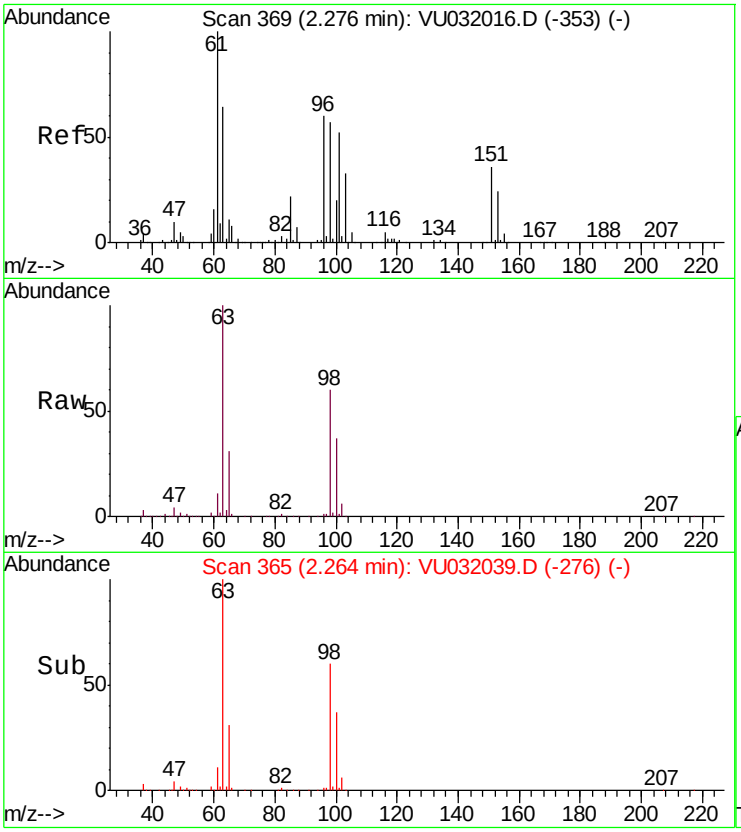
ClientSampleId :
VHBLK01

Quant Time: May 16 04:30:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration



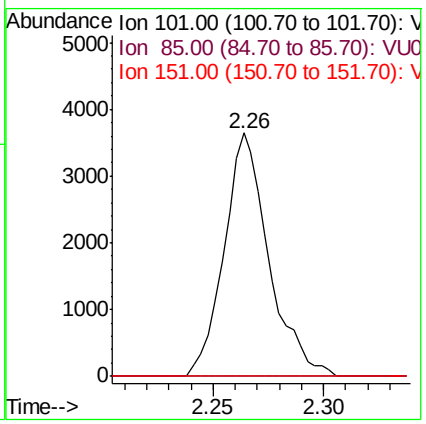


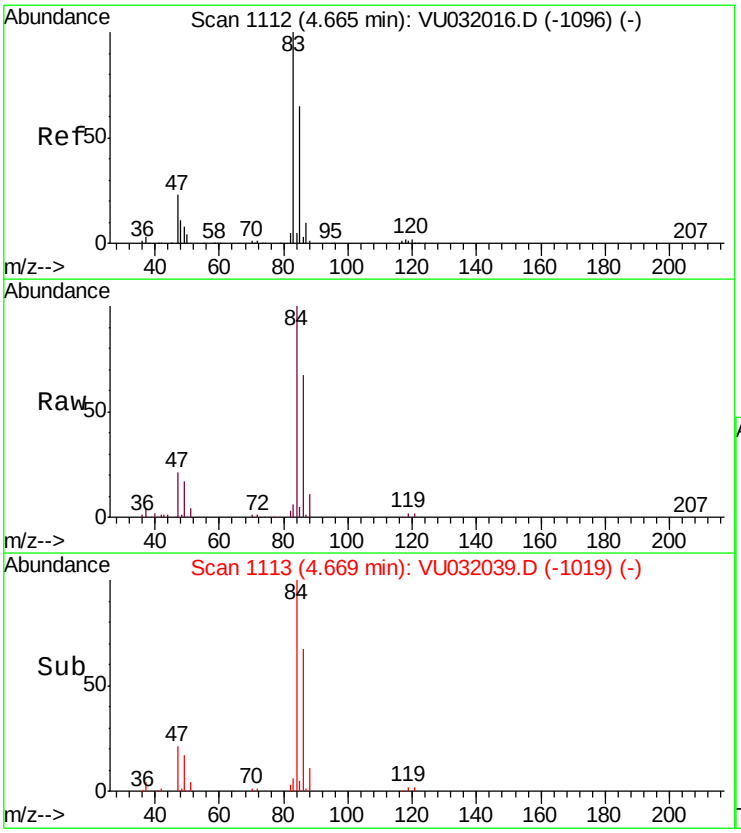
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.646 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032039.D
Acq: 15 May 2019 18:31

Instrument : MSVOA_U
ClientSampleId : VHBLK01

Tgt Ion:101 Resp: 5115

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

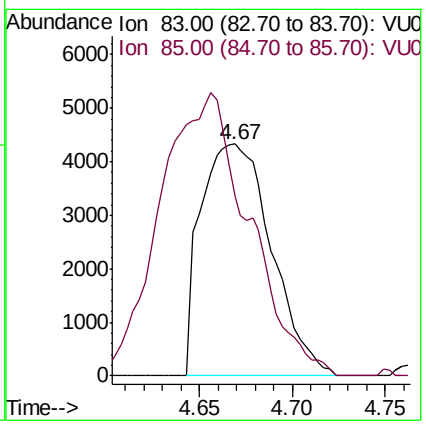


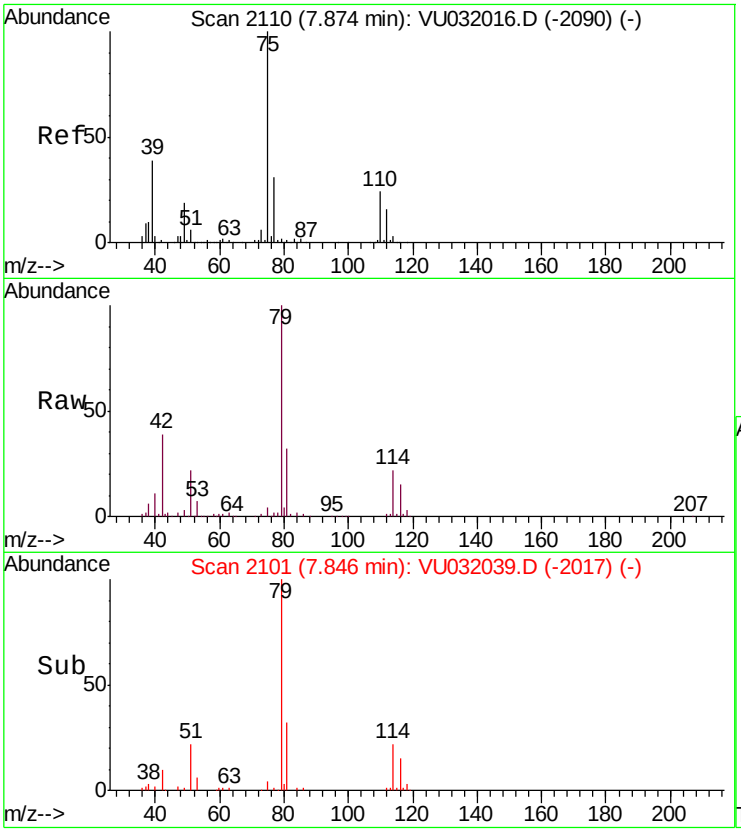


#25
Chloroform
Concen: 0.720 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032039.D
Acq: 15 May 2019 18:31

Tgt Ion: 83 Resp: 11431

Ion	Ratio	Lower	Upper
83	100		
85	77.5	44.2	82.2



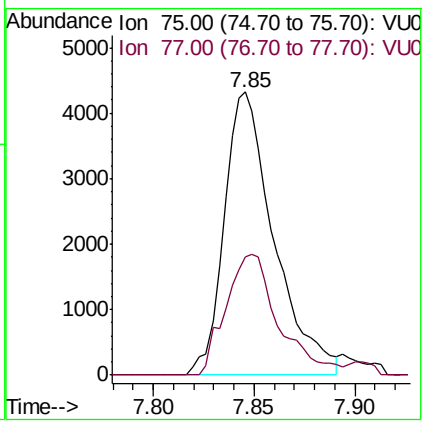


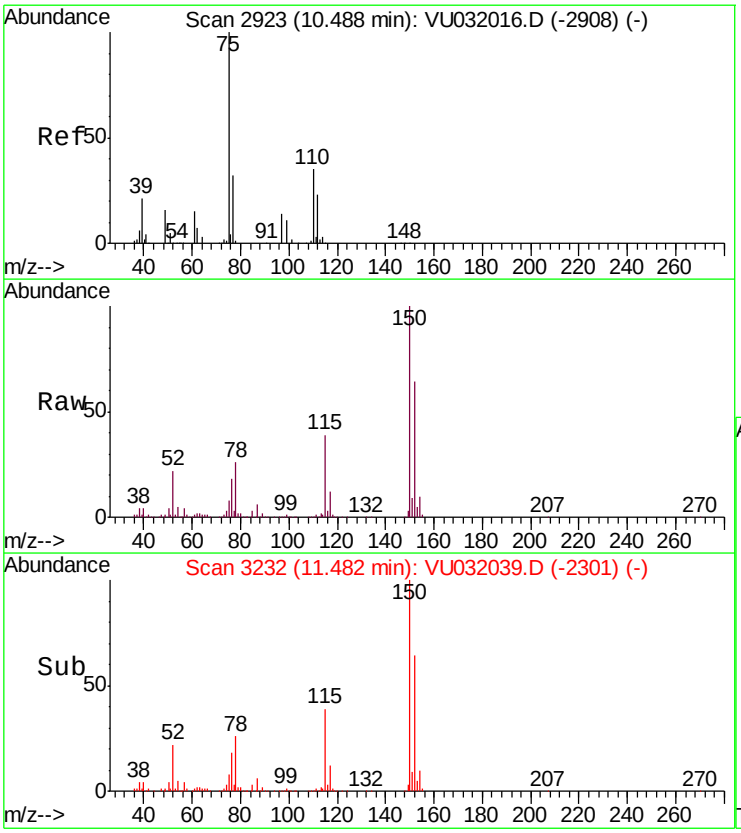
#44
trans-1,3-Dichloropropene
Concen: 0.649 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032039.D
Acq: 15 May 2019 18:31

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 7467

Ion	Ratio	Lower	Upper
75	100		
77	41.6	22.5	41.7





#59
1,2,3-Trichloropropane
Concen: 4.170 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032039.D
Acq: 15 May 2019 18:31

Tgt Ion: 75 Resp: 50222

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.7	38.5