Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy111319\

Quantitation Report (Not Reviewed)

Data File : VY000663.D
Acq On : 13 Nov 2019 11:02
Operator : SY/MD
Sample : VY1113SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK80

Quant Time: Nov 13 13:32:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 13 13:29:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	363221	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	328190	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	152326	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	111287	21.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.76%			
7) Chloroethane-d5	2.77	69	101711	22.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.24%			
10) 1,1-Dichloroethene-d2	3.86	63	154155	16.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.08%			
20) 2-Butanone-d5	6.91	46	99206	46.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.74%			
24) Chloroform-d	7.49	84	197131	20.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.72%			
26) 1,2-Dichloroethane-d4	8.16	65	122315	22.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.52%			
29) Benzene-d6	8.12	84	427131	22.41	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.64%			
33) 1,2-Dichloropropane-d6	9.13	67	132093	22.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.44%			
37) Toluene-d8	10.19	98	388890	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.36%			
38) trans-1,3-Dichloropropene-	10.44	79	60860	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.36%			
39) 2-Hexanone-d5	10.79	63	73914	45.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.56%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	123036	21.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.72%			
61) 1,2-Dichlorobenzene-d4	13.72	152	133903	21.98	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.92%			
Target Compounds						Qvalue
25) Chloroform	7.52	83	7105	0.712	ug/L #	48
43) 4-Methyl-2-pentanone	10.07	43	2102	0.404	ug/L #	91
59) 1,2,3-Trichloropropane	13.42	75	21732	4.803	ug/L	96

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_Y
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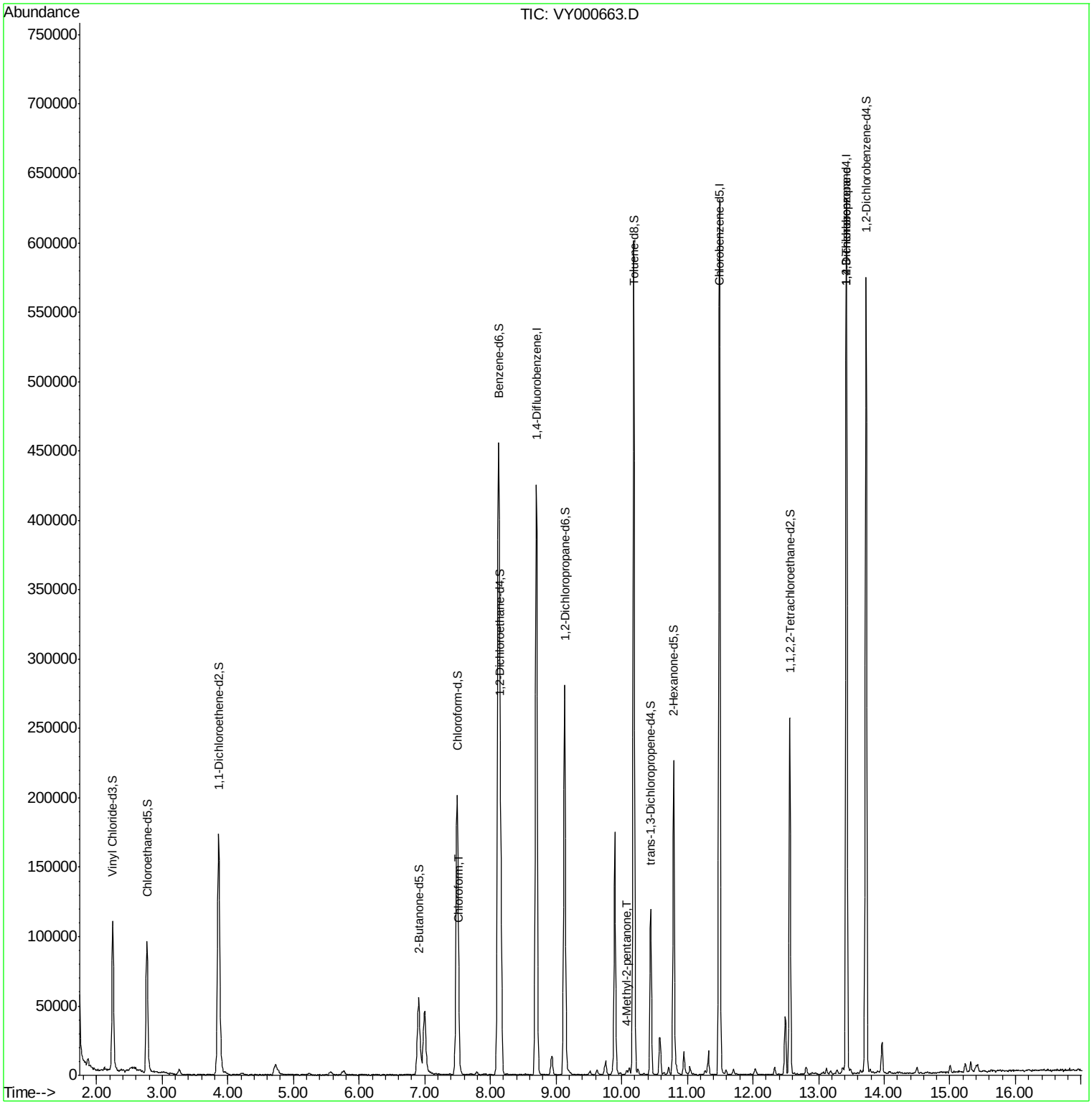
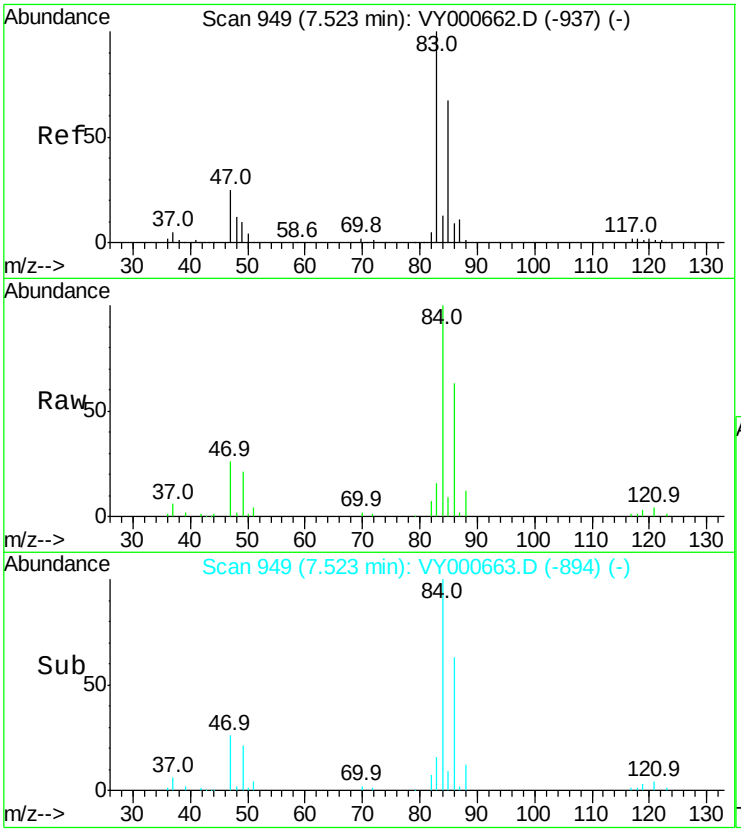
Quant Title : VOC Analysis
QLast Update : Wed Nov 13 13:29:46 2019
Response via : Initial Calibration



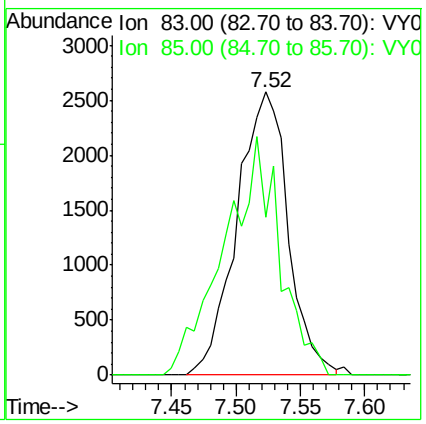


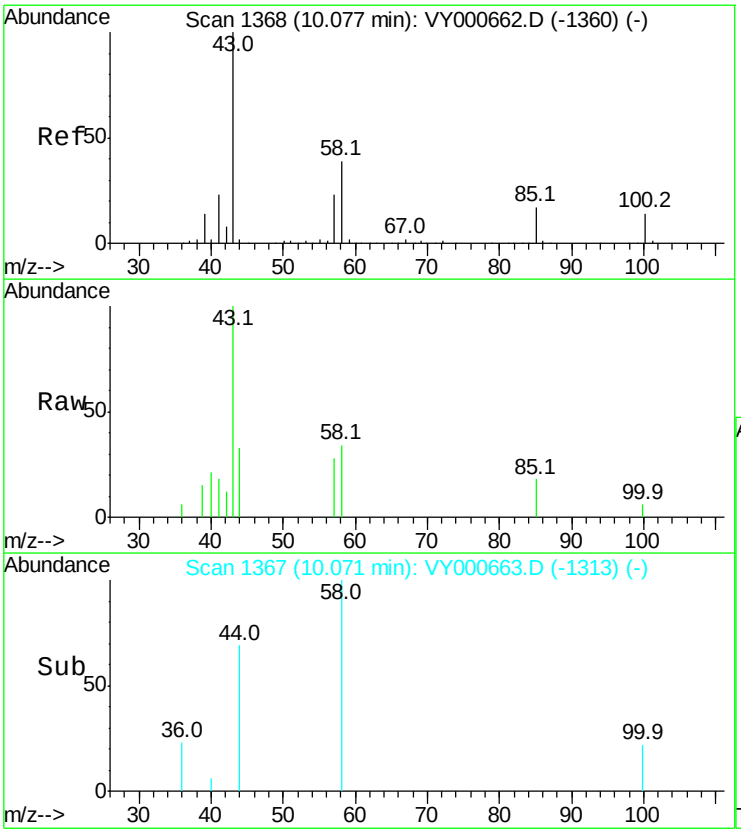
#25
Chloroform
Concen: 0.712 ug/L
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000663.D
Acq: 13 Nov 2019 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VBLK80

Tgt Ion: 83 Resp: 7105

Ion	Ratio	Lower	Upper
83	100		
85	23.9	45.6	84.6#

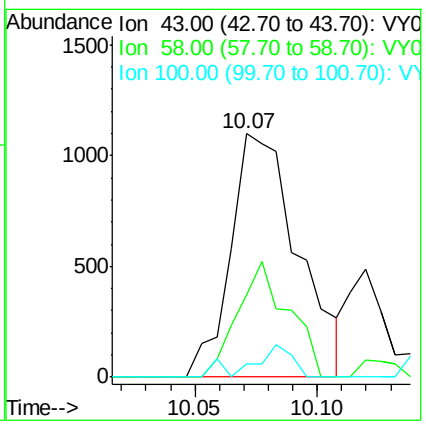


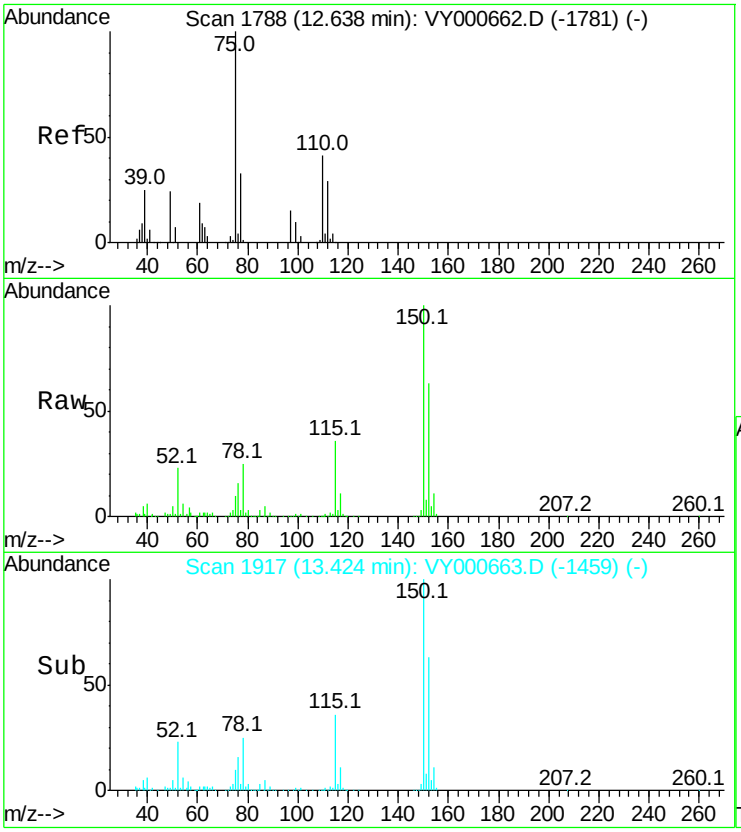


#43
4-Methyl-2-pentanone
Concen: 0.404 ug/L
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY000663.D
Acq: 13 Nov 2019 11:02

Tgt Ion: 43 Resp: 2102

Ion	Ratio	Lower	Upper
43	100		
58	35.6	30.6	45.8
100	6.4	12.0	18.0#





#59
1,2,3-Trichloropropane
Concen: 4.803 ug/L
RT: 13.42 min Scan# 1917
Delta R.T. 0.79 min
Lab File: VY000663.D
Acq: 13 Nov 2019 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VBLK80

Tgt Ion: 75 Resp: 21732

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.4	39.6