Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

Quantitation Report (Not Reviewed)

Data File : VV010750.D
Acq On : 09 May 2019 04:53
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Time: May 09 08:12:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/L	-5.66
28) Chlorobenzene-d5	8.90	117	174	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	239	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 150		Recovery =	0.00%#		
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 150		Recovery =	0.00%#		
10) 1,1-Dichloroethene-d2	1.95	63	48	0.00	ug/L	-0.18
Spiked Amount 25.000	Range 45 - 110		Recovery =	0.00%#		
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.00%#		
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount 25.000	Range 40 - 150		Recovery =	0.00%#		
26) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/L	
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.00%#		
29) Benzene-d6	0.00	84	0	0.00	ug/L	
Spiked Amount 25.000	Range 20 - 135		Recovery =	0.00%#		
33) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount 25.000	Range 70 - 120		Recovery =	0.00%#		
37) Toluene-d8	0.00	98	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 130		Recovery =	0.00%#		
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 135		Recovery =	0.00%#		
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.00%#		
48) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount 25.000	Range 45 - 120		Recovery =	0.00%#		
61) 1,2-Dichlorobenzene-d4	11.68	152	68	7.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	29.40%#		
Target Compounds						Qvalue
43) 4-Methyl-2-pentanone	7.28	43	86	37.600	ug/L #	47
53) Ethylbenzene	9.18	91	41	3.048	ug/L #	43
69) Naphthalene	13.55	128	108	5.441	ug/L #	69

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

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MSVOA_V
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VIBLK

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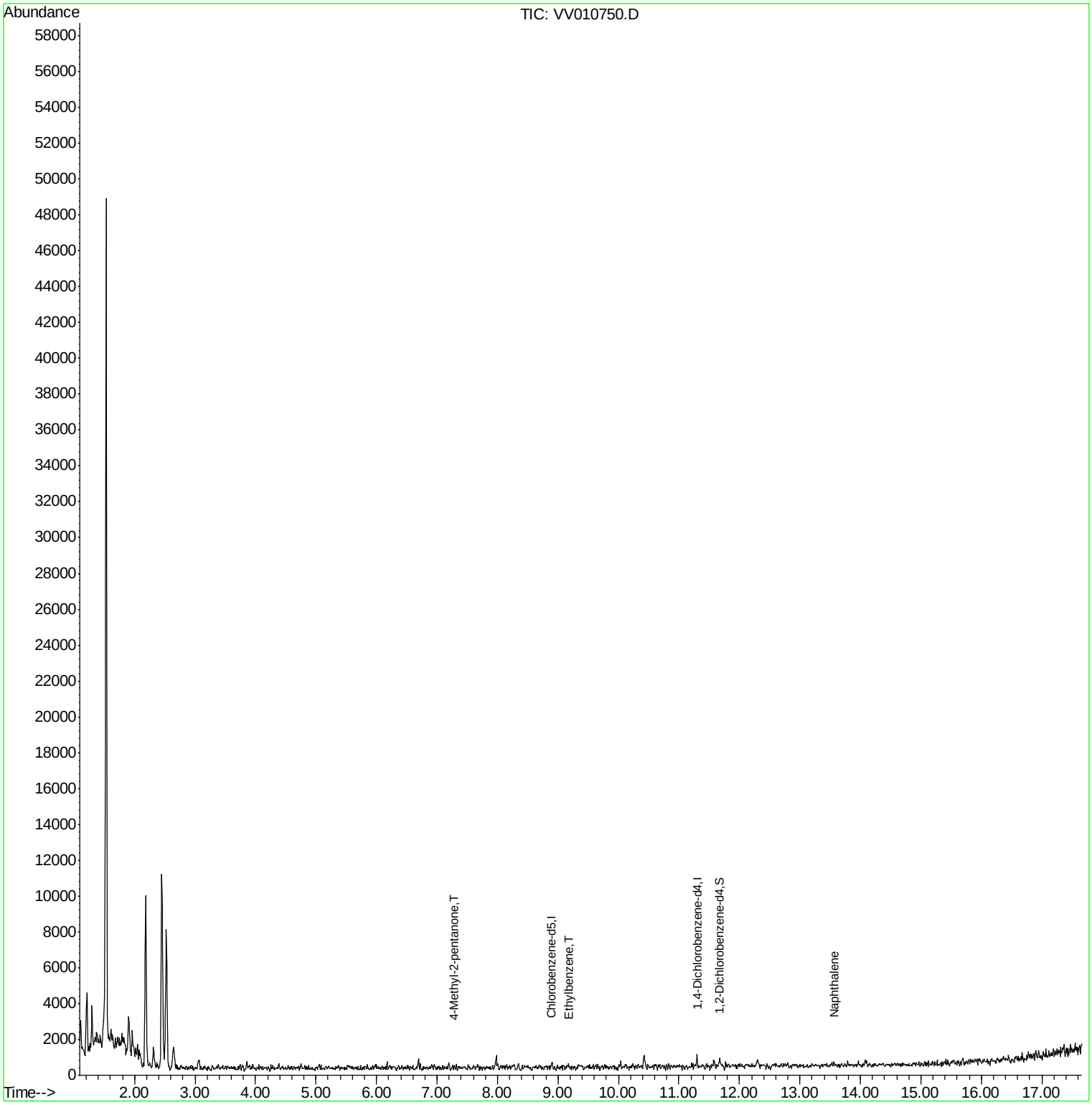
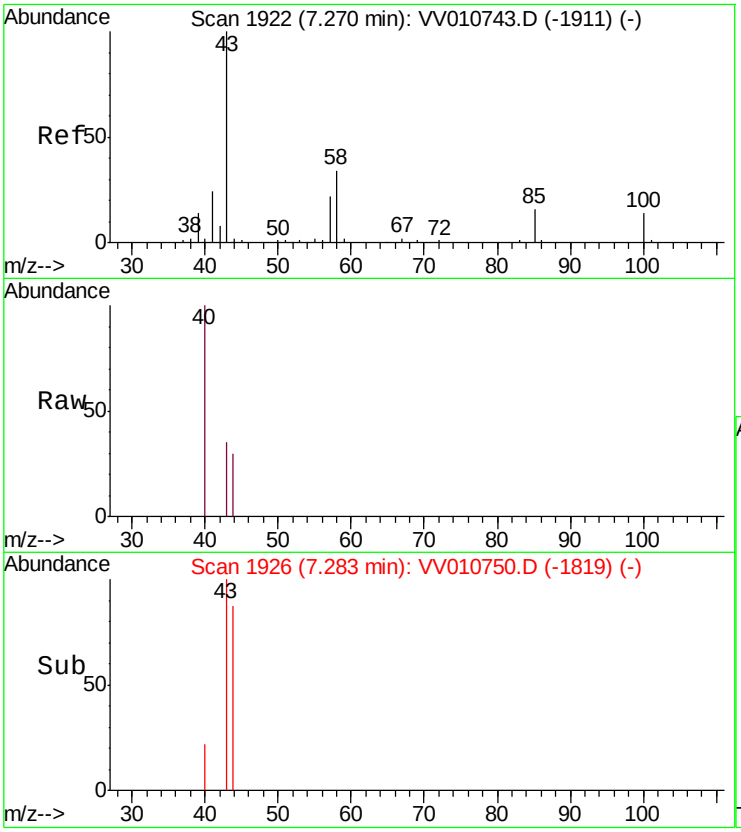
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration



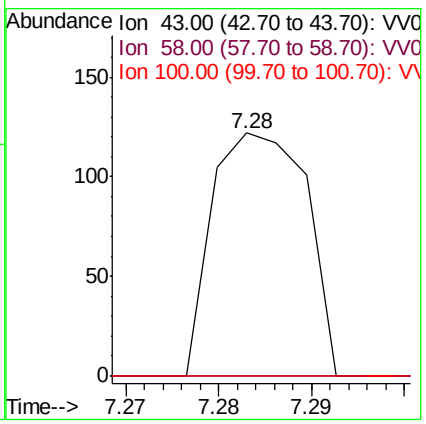


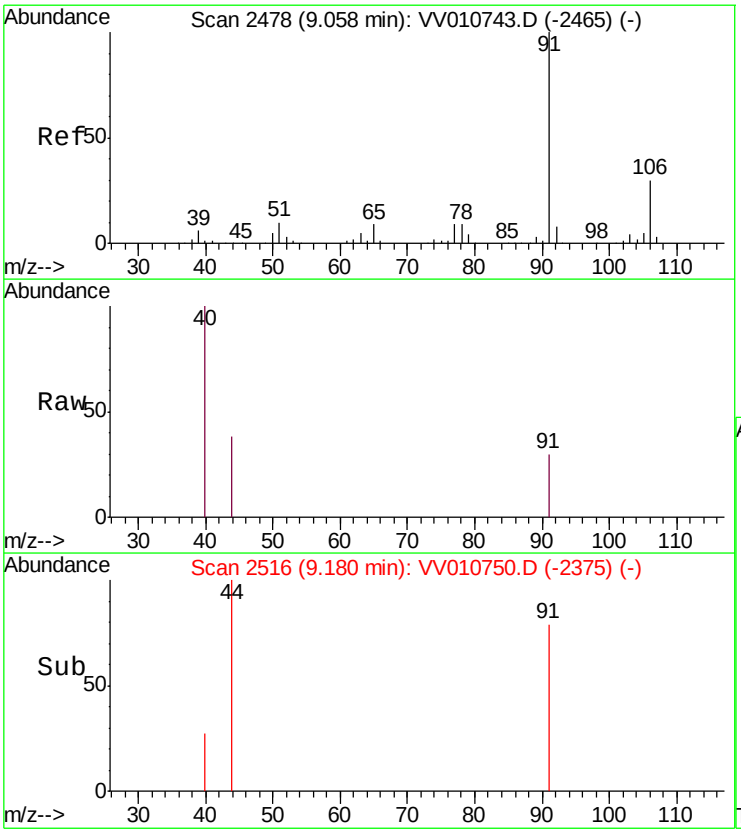
#43
4-Methyl-2-pentanone
Concen: 37.600 ug/L
RT: 7.28 min Scan# 1926
Delta R.T. 0.01 min
Lab File: VV010750.D
Acq: 09 May 2019 04:53

Instrument : MSVOA_V
ClientSampleId : VIBLK

Tgt Ion: 43 Resp: 86

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	42.1#
100	0.0	11.0	16.6#

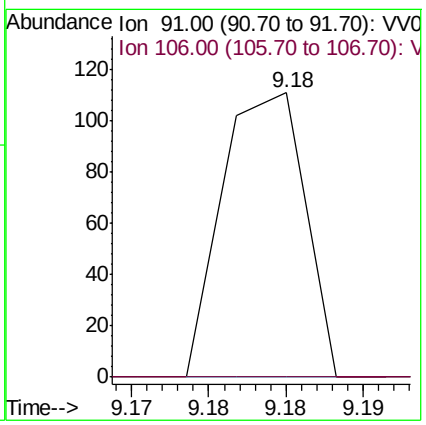


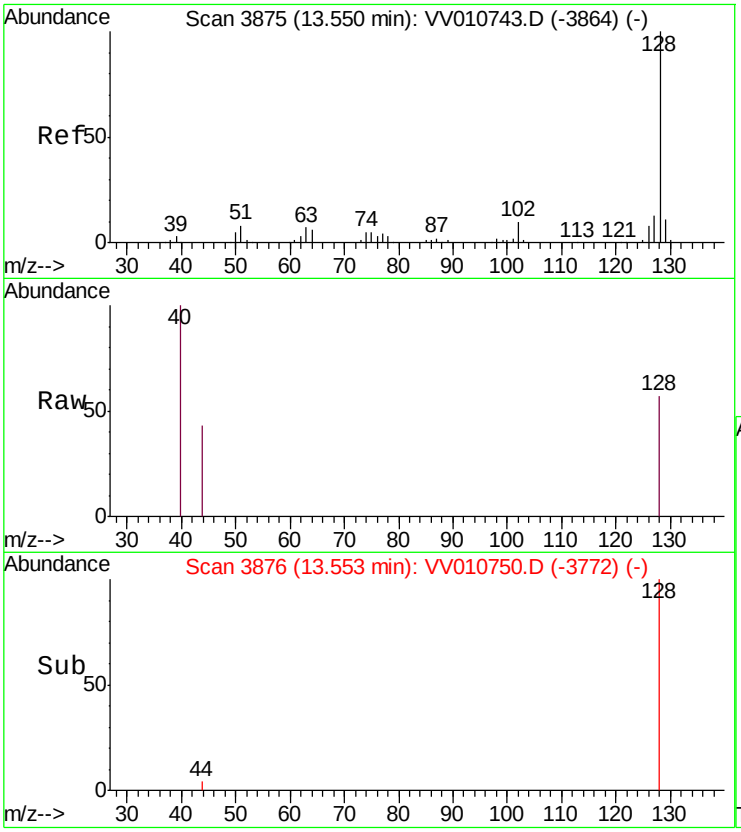


#53
Ethylbenzene
Concen: 3.048 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.12 min
Lab File: VV010750.D
Acq: 09 May 2019 04:53

Tgt Ion: 91 Resp: 41

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.8	40.6#





#69
Naphthalene
Concen: 5.441 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010750.D
Acq: 09 May 2019 04:53

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 108

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.3	12.5#
127	0.0	10.8	16.2#