Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042319\

Quantitation Report (Not Reviewed)

Data File : VW010102.D
Acq On : 23 Apr 2019 17:34
Operator : SY/VA
Sample : K2455-01
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHQ3

Quant Time: Apr 24 03:55:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	799848	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	713011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	319921	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	138422	18.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.24%			
7) Chloroethane-d5	2.89	69	117240	15.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.24%			
10) 1,1-Dichloroethene-d2	4.01	63	289431	13.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.24%			
20) 2-Butanone-d5	7.08	46	130897	32.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.02%			
24) Chloroform-d	7.64	84	416663	18.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 72.08%			
26) 1,2-Dichloroethane-d4	8.30	65	238632	16.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 66.52%#			
29) Benzene-d6	8.27	84	819645	20.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.68%			
33) 1,2-Dichloropropane-d6	9.27	67	260678	20.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.56%			
37) Toluene-d8	10.32	98	714705	19.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.96%			
38) trans-1,3-Dichloropropene-	10.57	79	105000	17.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.96%			
39) 2-Hexanone-d5	10.93	63	96814	35.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.02%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193720	16.59	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 66.36%			
61) 1,2-Dichlorobenzene-d4	13.86	152	242040	20.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 80.52%			
Target Compounds						Qvalue
36) Methylcyclohexane	9.27	83	62944	3.587	ug/L #	15
66) 1,2-Dibromo-3-chloropropan	14.53	75	20609	10.738	ug/L #	9
69) Naphthalene	15.37	128	1295713	52.051	ug/L	99

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

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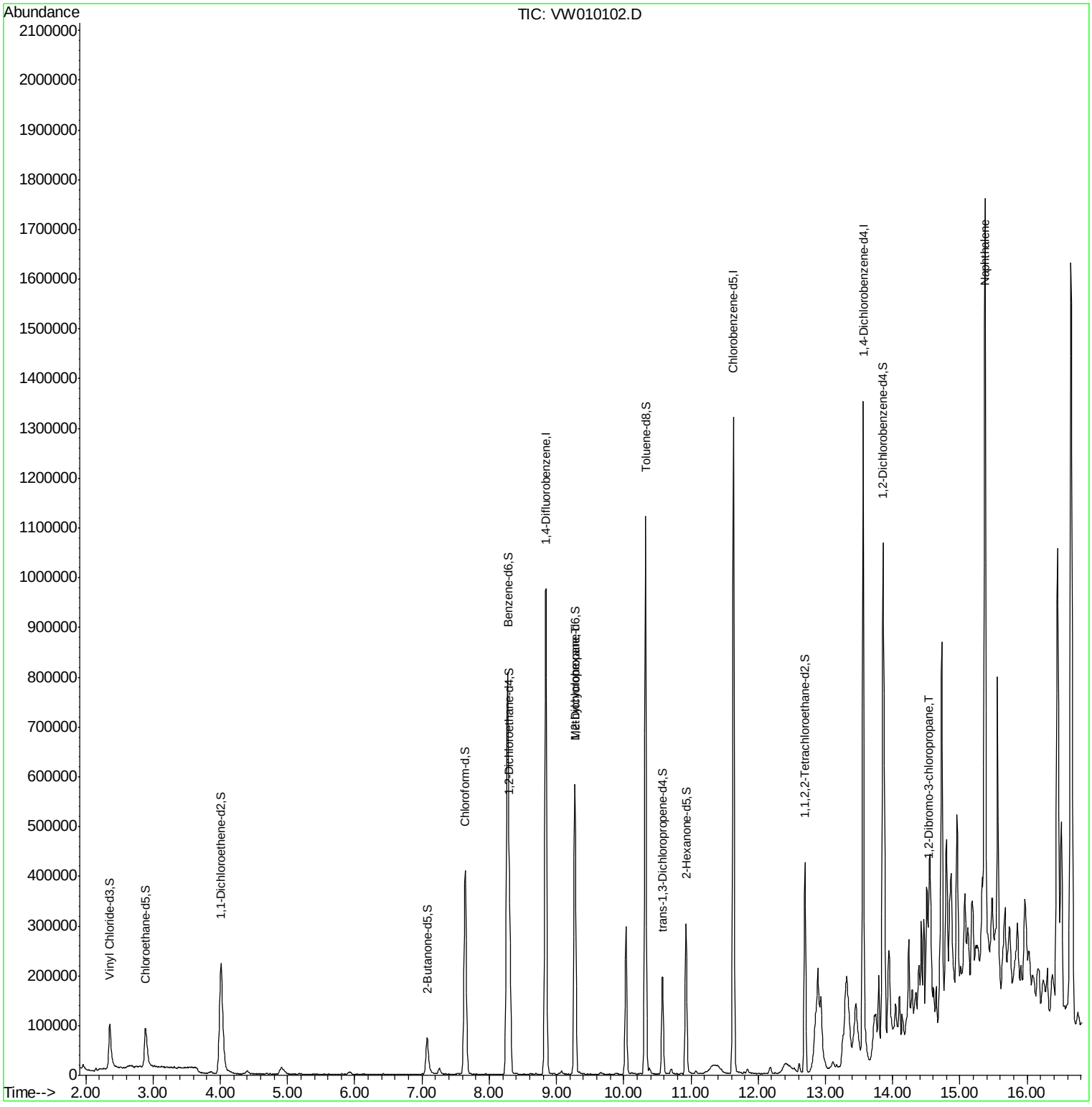
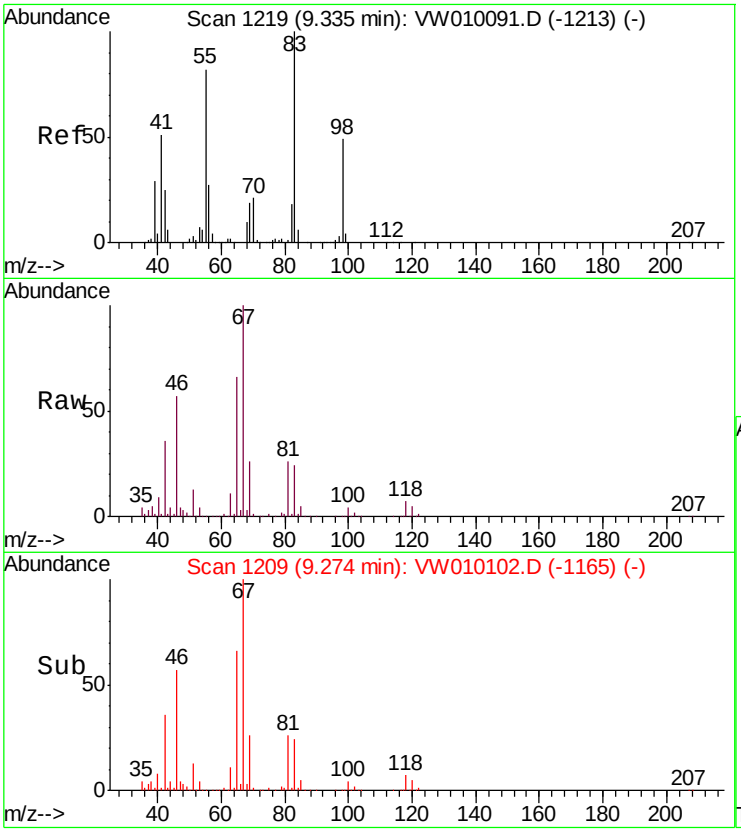
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration



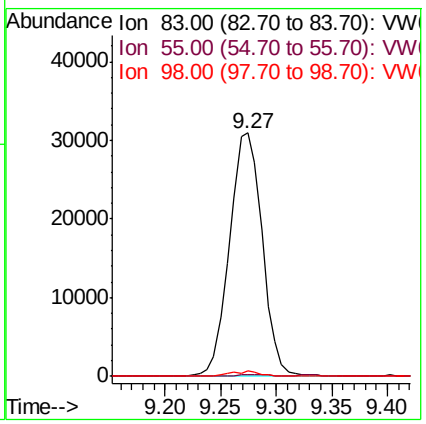


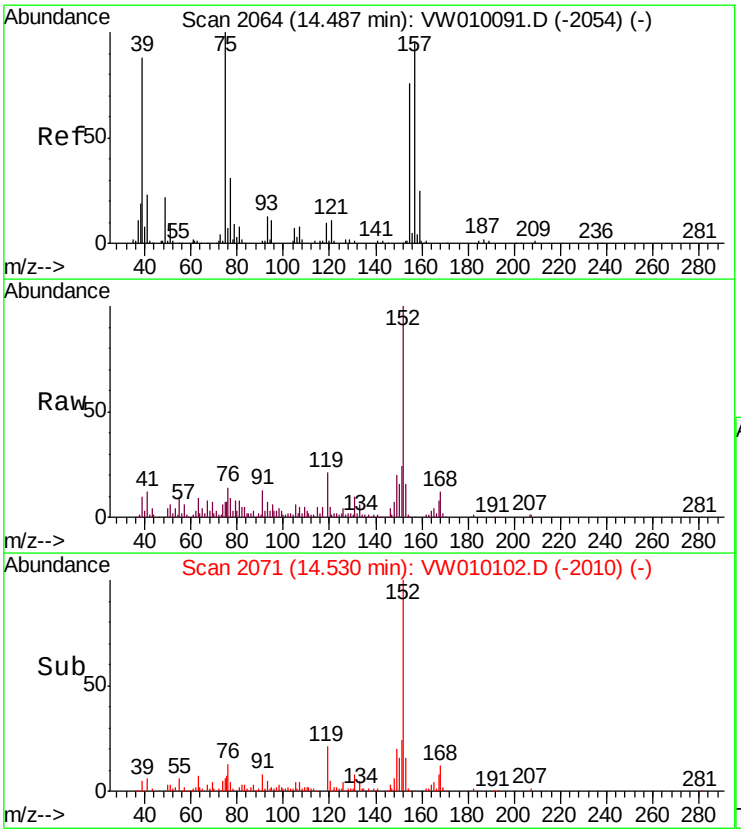
#36
Methylcyclohexane
Concen: 3.587 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010102.D
Acq: 23 Apr 2019 17:34

Instrument : MSVOA_W
ClientSampleId : GAHQ3

Tgt Ion: 83 Resp: 62944

Ion	Ratio	Lower	Upper
83	100		
55	0.2	68.4	102.6#
98	1.8	40.0	60.0#

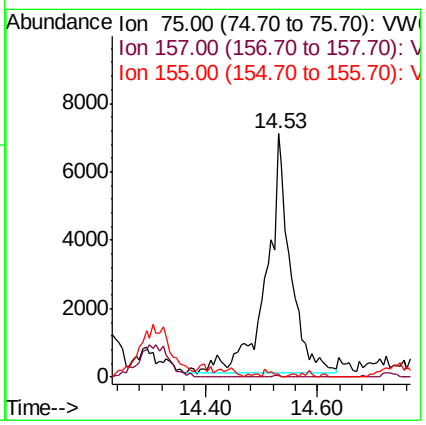


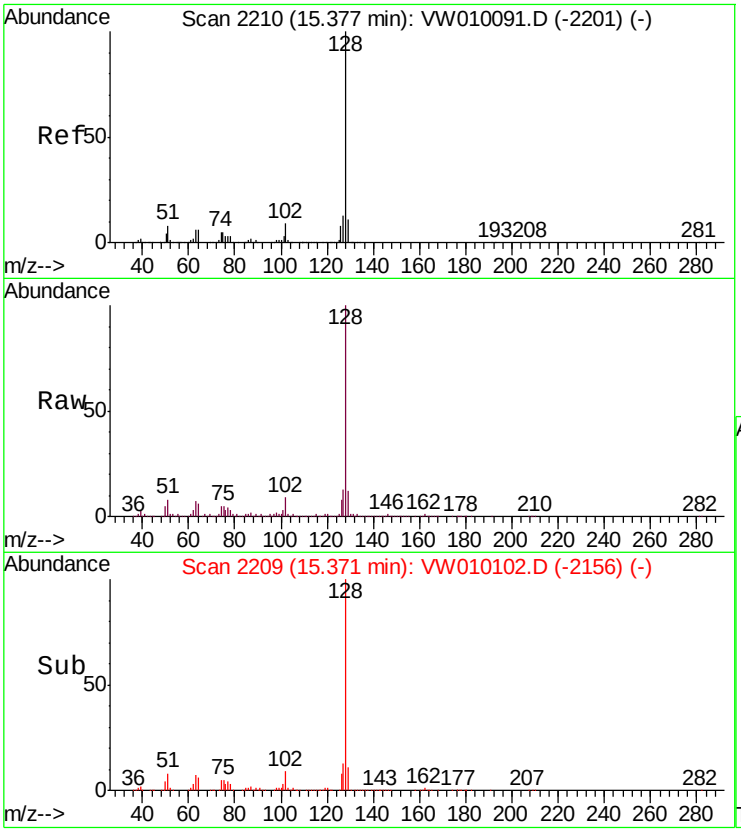


#66
1,2-Dibromo-3-chloropropane
Concen: 10.738 ug/L
RT: 14.53 min Scan# 2071
Delta R.T. 0.04 min
Lab File: VW010102.D
Acq: 23 Apr 2019 17:34

Tgt Ion: 75 Resp: 20609

Ion	Ratio	Lower	Upper
75	100		
157	0.8	73.3	109.9#
155	1.0	58.6	88.0#





#69
Naphthalene
Concen: 52.051 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW010102.D
Acq: 23 Apr 2019 17:34

Instrument :
MSVOA_W
ClientSampleId :
GAHQ3

Tgt Ion:128 Resp: 1295713

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.4	10.6	16.0