Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\

Quantitation Report (Not Reviewed)

Data File : VV011073.D
Acq On : 28 May 2019 19:51
Operator : SY/MD
Sample : K3016-01
Misc : 5.16G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C0RE

Quant Time: May 29 02:19:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100872	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90889	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31338	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34835	25.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.76%			
7) Chloroethane-d5	1.58	69	25383	25.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.88%			
10) 1,1-Dichloroethene-d2	2.13	63	52301	20.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.32%			
20) 2-Butanone-d5	3.94	46	27010	56.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.32%			
24) Chloroform-d	4.40	84	66299	27.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.40%			
26) 1,2-Dichloroethane-d4	5.08	65	40092	25.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.56%			
29) Benzene-d6	5.10	84	139241	26.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.64%			
33) 1,2-Dichloropropane-d6	6.12	67	42891	25.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.32%			
37) Toluene-d8	7.36	98	126345	25.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.04%			
38) trans-1,3-Dichloropropene-	7.67	79	18663	23.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.64%			
39) 2-Hexanone-d5	8.13	63	19538	52.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.94%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41713	28.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.60%			
61) 1,2-Dichlorobenzene-d4	11.68	152	32876	26.53	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.12%			
Target Compounds						Qvalue
13) Acetone	2.19	43	12317	22.810	ug/L	97
15) Methyl Acetate	2.46	43	1570	2.014	ug/L #	100
36) Methylcyclohexane	6.12	83	9398	3.794	ug/L #	15

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

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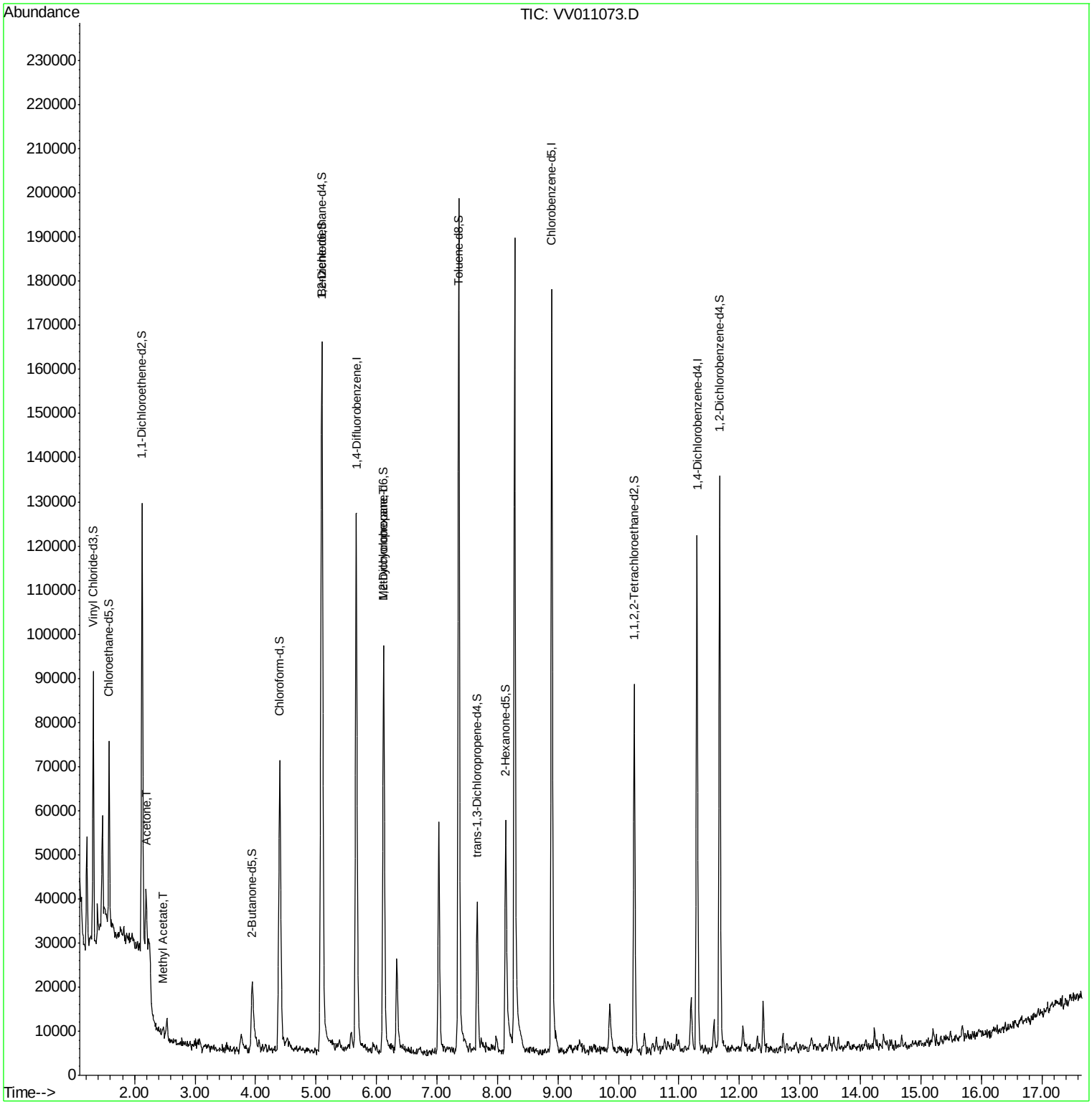
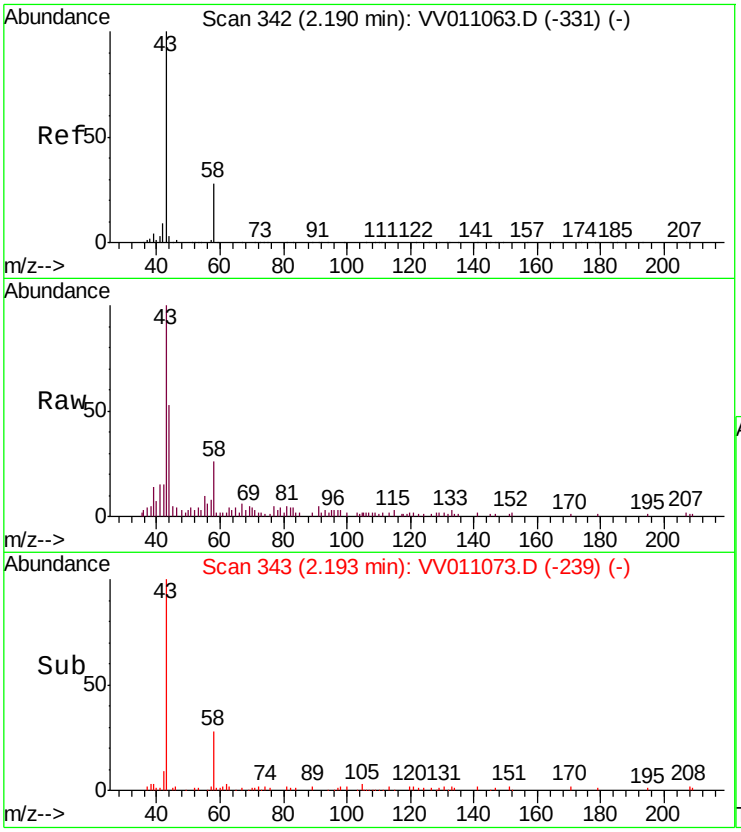
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration



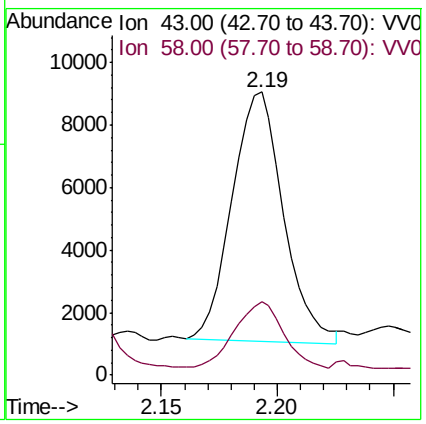


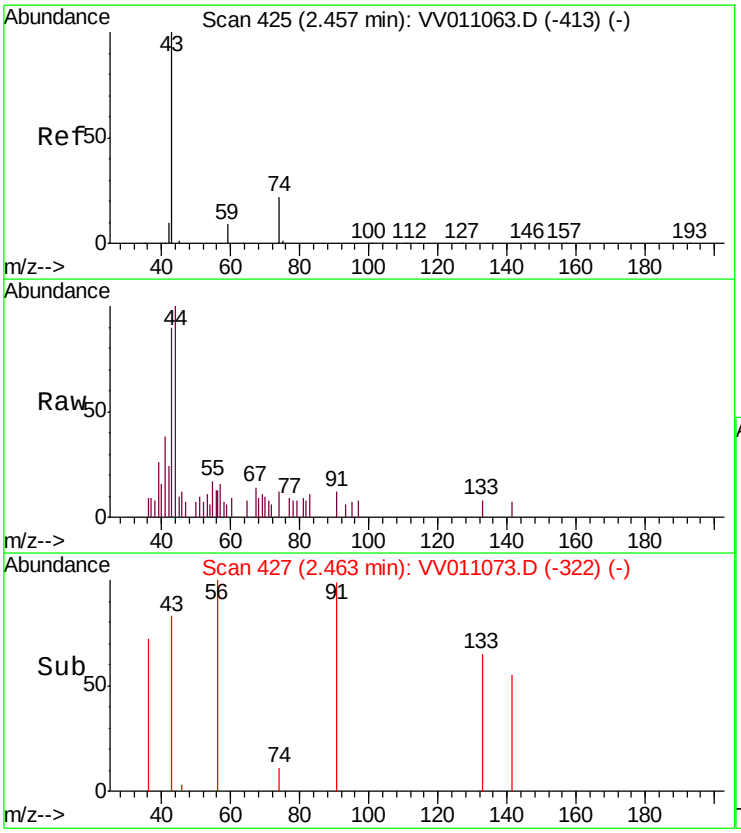
#13
Acetone
Concen: 22.810 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV011073.D
Acq: 28 May 2019 19:51

Instrument :
MSVOA_V
ClientSampleId :
A51C0RE

Tgt Ion: 43 Resp: 12317

Ion	Ratio	Lower	Upper
43	100		
58	25.8	0.0	54.8

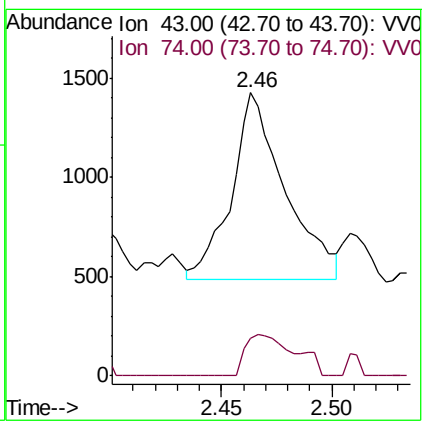


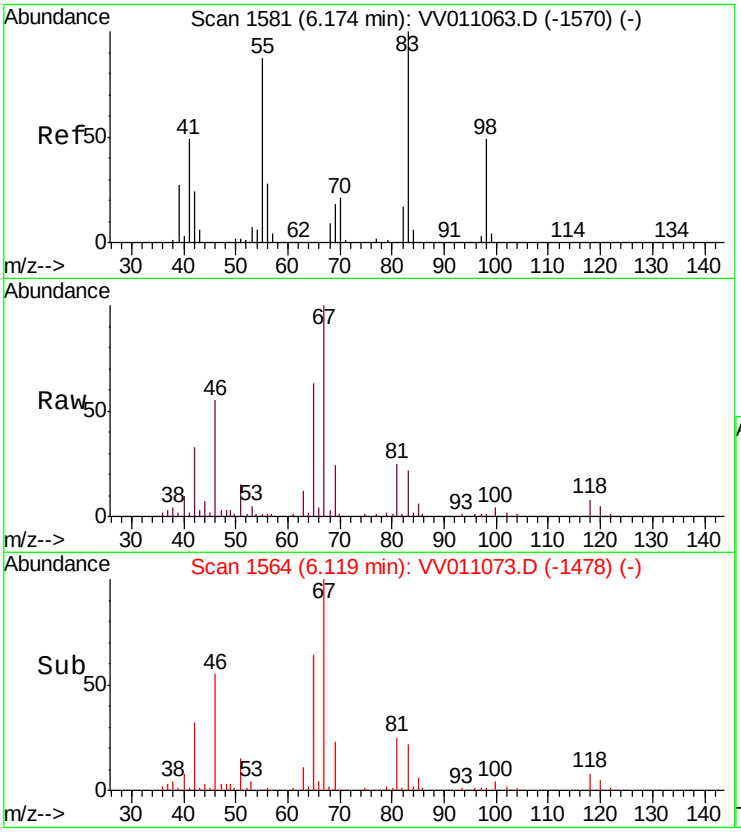


#15
Methyl Acetate
Concen: 2.014 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.01 min
Lab File: VV011073.D
Acq: 28 May 2019 19:51

Tgt Ion: 43 Resp: 1570

Ion	Ratio	Lower	Upper
43	100		
74	17.8	0.0	0.0#





#36
Methylcyclohexane
Concen: 3.794 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011073.D
Acq: 28 May 2019 19:51

Instrument :
MSVOA_V
ClientSampleId :
A51C0RE

Tgt Ion: 83 Resp: 9398

Ion	Ratio	Lower	Upper
83	100		
55	1.2	69.9	104.9#
98	1.8	40.0	60.0#