Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (LSC Reviewed)

Data File : VV010929.D
Acq On : 16 May 2019 12:40
Operator : SY/MD
Sample : K2788-09
Misc : 6.29G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5197

Quant Time: May 17 05:53:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130539	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131813	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63745	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34659	20.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.36%			
7) Chloroethane-d5	1.58	69	27175	25.07	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.28%			
10) 1,1-Dichloroethene-d2	2.13	63	52953	16.83	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.32%			
20) 2-Butanone-d5	3.94	46	26612	50.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.72%			
24) Chloroform-d	4.40	84	85208	22.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.44%			
26) 1,2-Dichloroethane-d4	5.08	65	48688	22.72	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.88%			
29) Benzene-d6	5.10	84	169194	23.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.76%			
33) 1,2-Dichloropropane-d6	6.12	67	56153	24.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.48%			
37) Toluene-d8	7.36	98	150212	21.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.72%			
38) trans-1,3-Dichloropropene-	7.66	79	20925	20.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.44%			
39) 2-Hexanone-d5	8.13	63	21468	48.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.34%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52421	24.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.12%			
61) 1,2-Dichlorobenzene-d4	11.67	152	63166	23.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2891	5.424	ug/L	93
16) Methylene chloride	2.53	84	3797	1.802	ug/L	92

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

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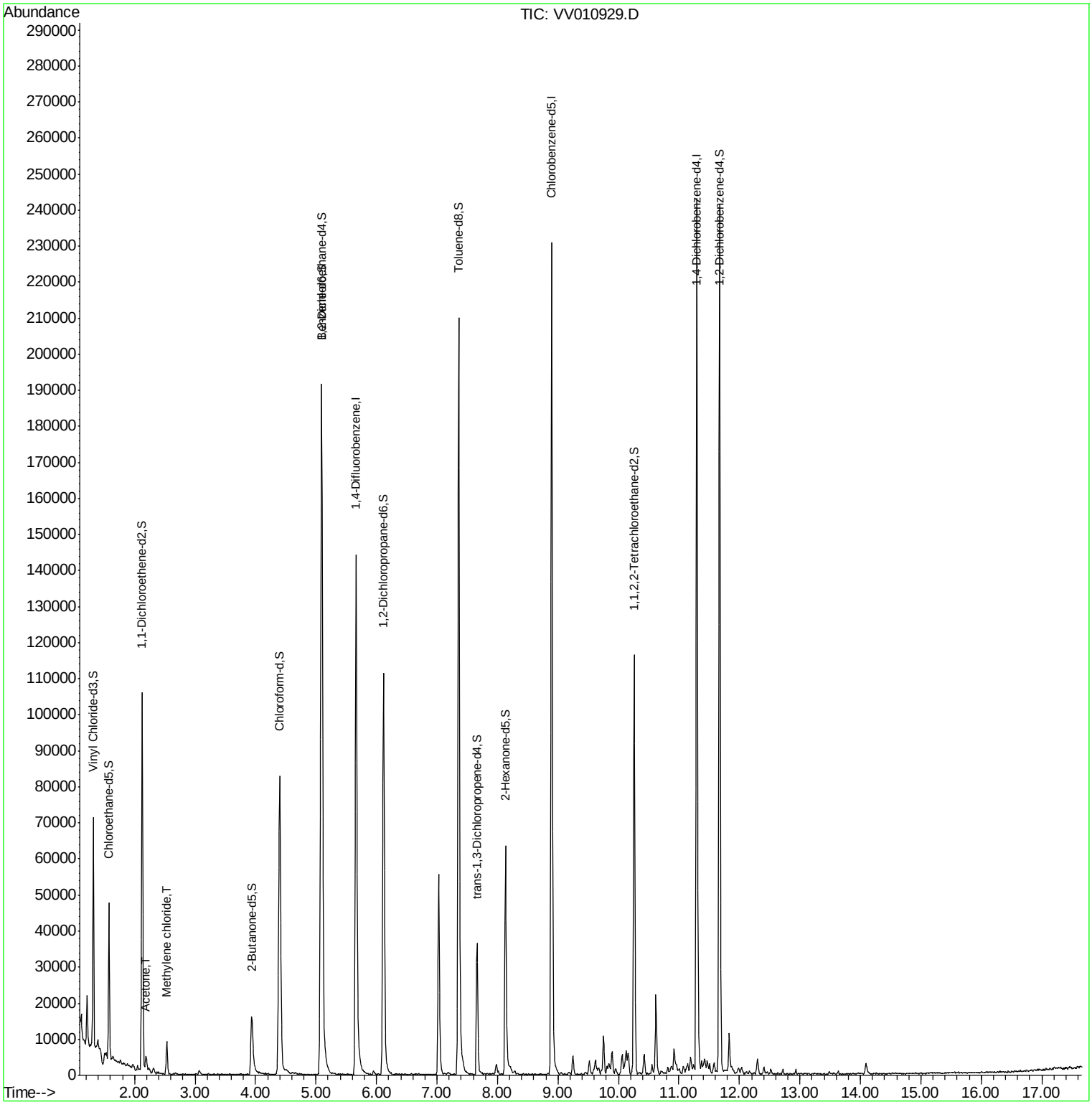
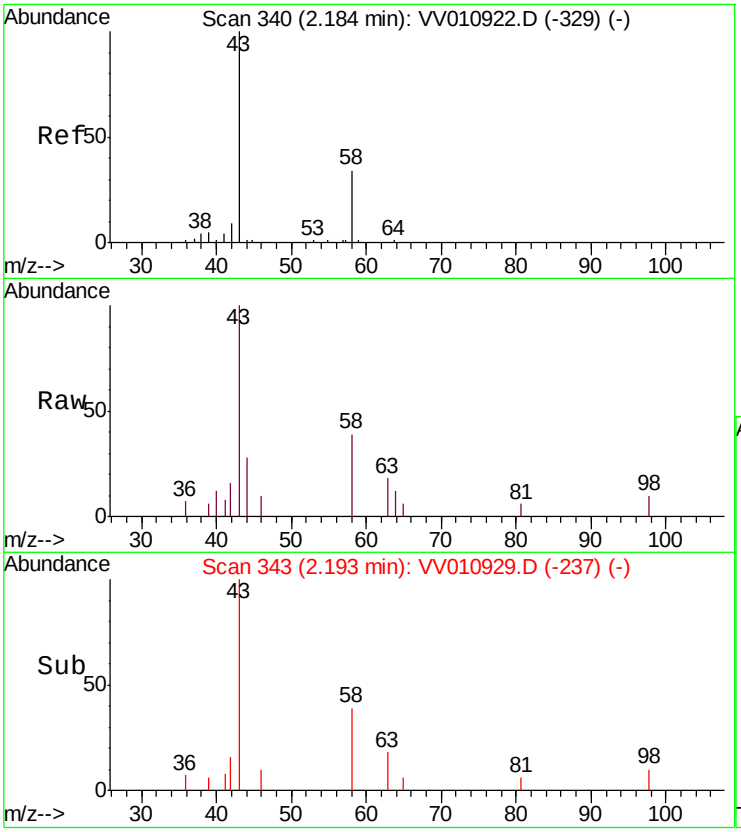
Operator : SY/MD
Sample : K2788-09
Misc : 6.29G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5197

Quant Time: May 17 05:53:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration



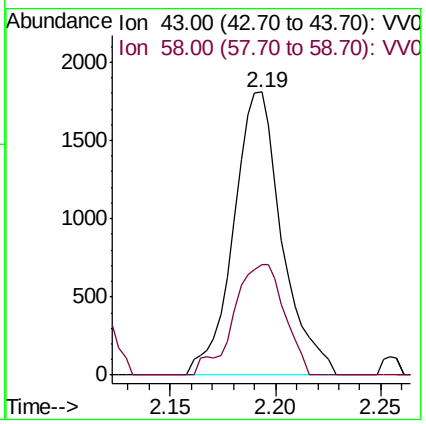


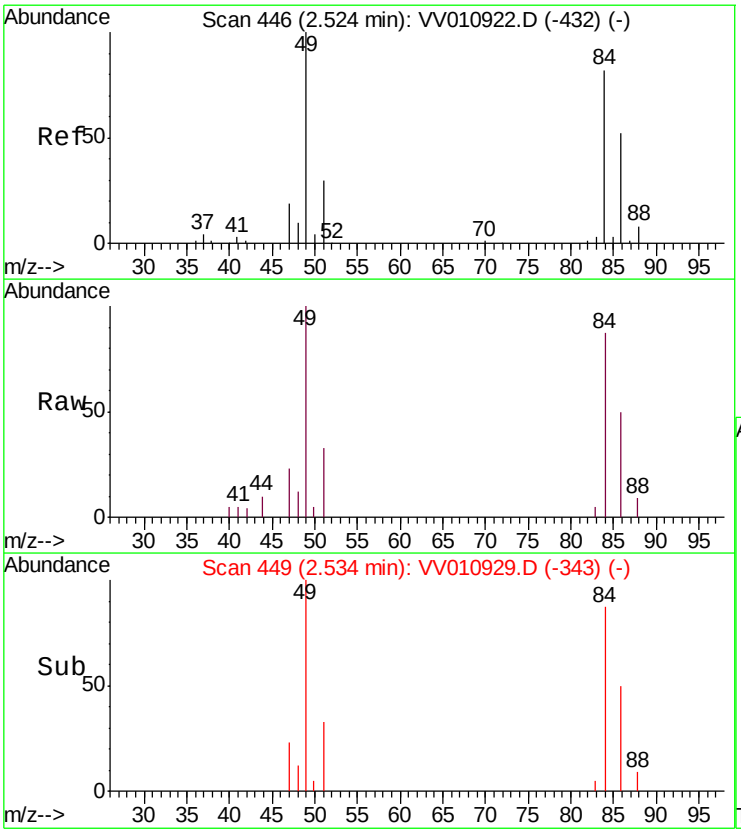
#13
Acetone
Concen: 5.424 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010929.D
Acq: 16 May 2019 12:40

Instrument : MSVOA_V
ClientSampleId : A5197

Tgt Ion: 43 Resp: 2891

Ion	Ratio	Lower	Upper
43	100		
58	38.7	0.0	69.2





#16
Methylene chloride
Concen: 1.802 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV010929.D
Acq: 16 May 2019 12:40

Tgt Ion: 84 Resp: 3797

Ion	Ratio	Lower	Upper
84	100		
49	114.8	85.8	159.3
86	57.0	45.0	83.6