Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (LSC Reviewed)

Data File : VV010004.D
Acq On : 29 Mar 2019 16:28
Operator : SY/MD
Sample : K2120-03
Misc : 5.39G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C6

Quant Time: Mar 30 04:53:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157721	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	154807	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62394	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67696	21.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.60%			
7) Chloroethane-d5	1.56	69	80218	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.84%			
10) 1,1-Dichloroethene-d2	2.12	63	162002	18.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.00%			
20) 2-Butanone-d5	3.93	46	28465	47.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.46%			
24) Chloroform-d	4.40	84	86756	21.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.36%			
26) 1,2-Dichloroethane-d4	5.08	65	63866	26.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.64%			
29) Benzene-d6	5.10	84	208908	25.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.80%			
33) 1,2-Dichloropropane-d6	6.12	67	63178	26.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.24%			
37) Toluene-d8	7.36	98	179576	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.36%			
38) trans-1,3-Dichloropropene-	7.66	79	21202	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.16%			
39) 2-Hexanone-d5	8.13	63	22294	50.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.44%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55022	23.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	58374	24.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.28%			

Target Compounds						Qvalue
13) Acetone	2.18	43	5534	6.128	ug/L	95
16) Methylene chloride	2.53	84	10515	4.048	ug/L	83
65) 1,2-Dichlorobenzene	11.69	146	18481	4.852	ug/L	99

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

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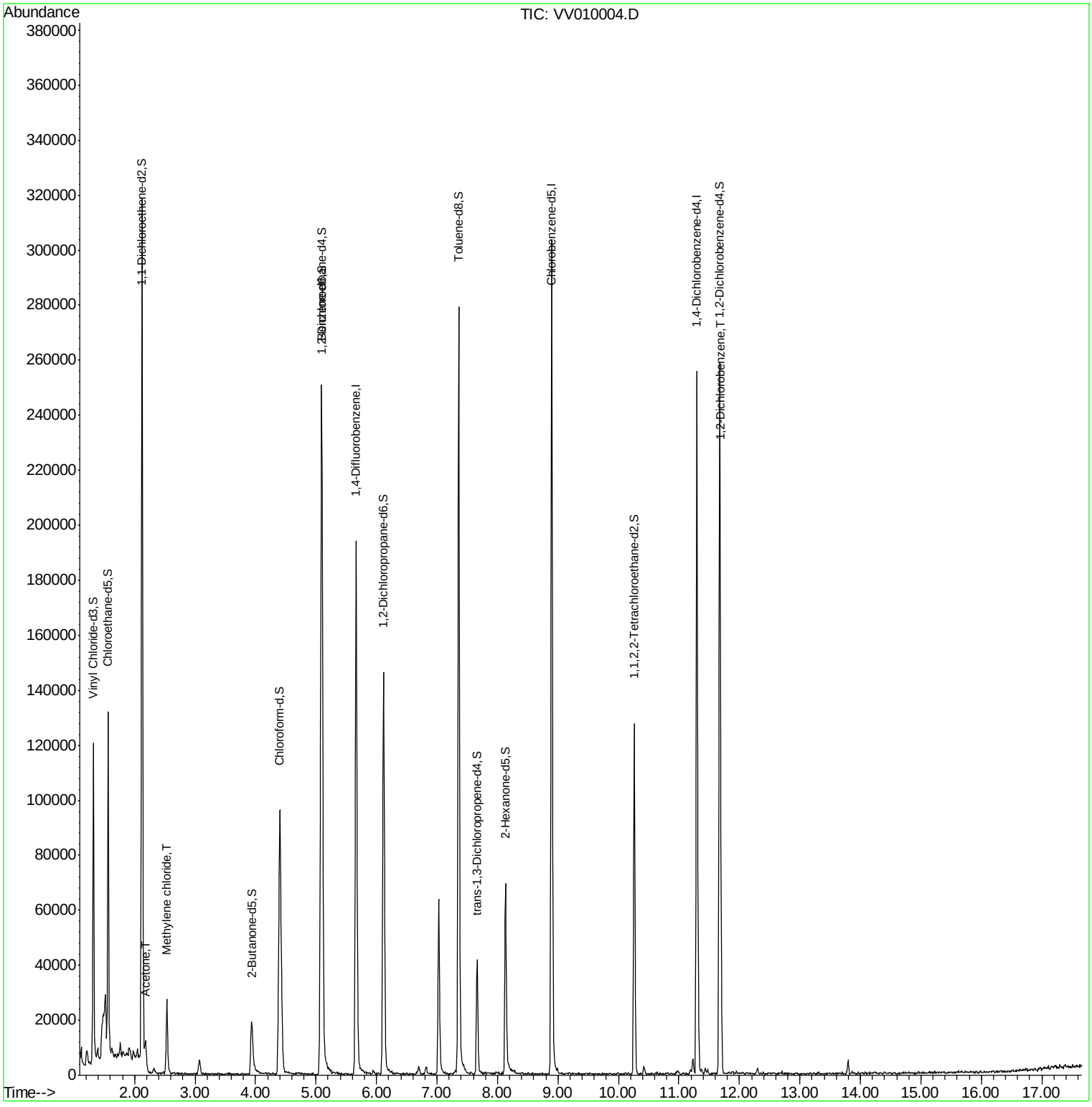
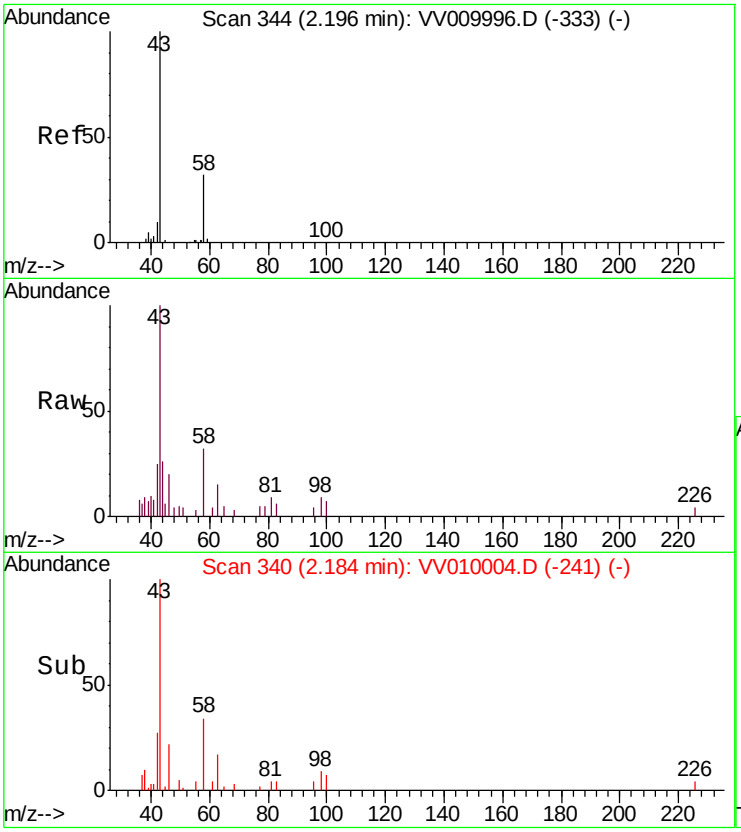
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration



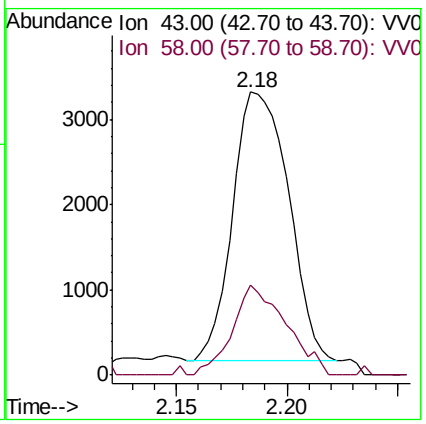


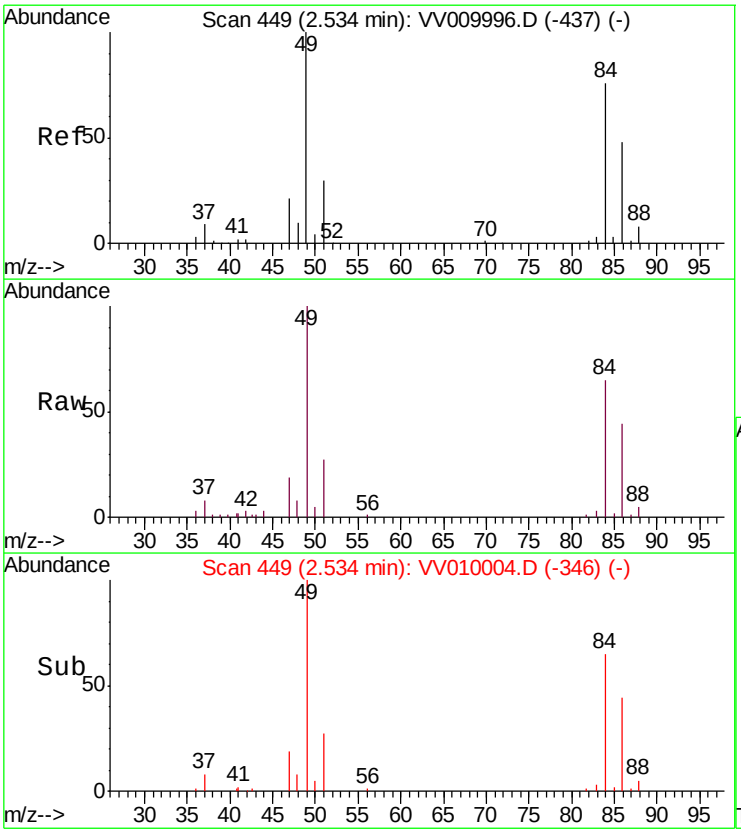
#13
Acetone
Concen: 6.128 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010004.D
Acq: 29 Mar 2019 16:28

Instrument :
MSVOA_V
ClientSampleId :
BF5C6

Tgt Ion: 43 Resp: 5534

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	59.4

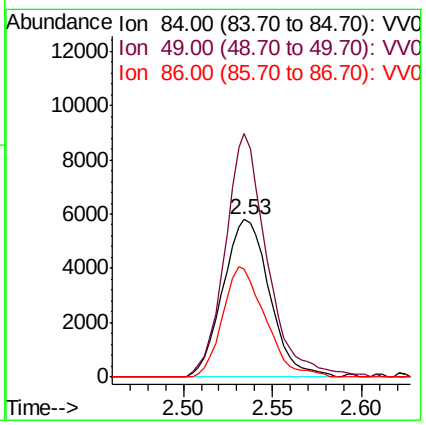


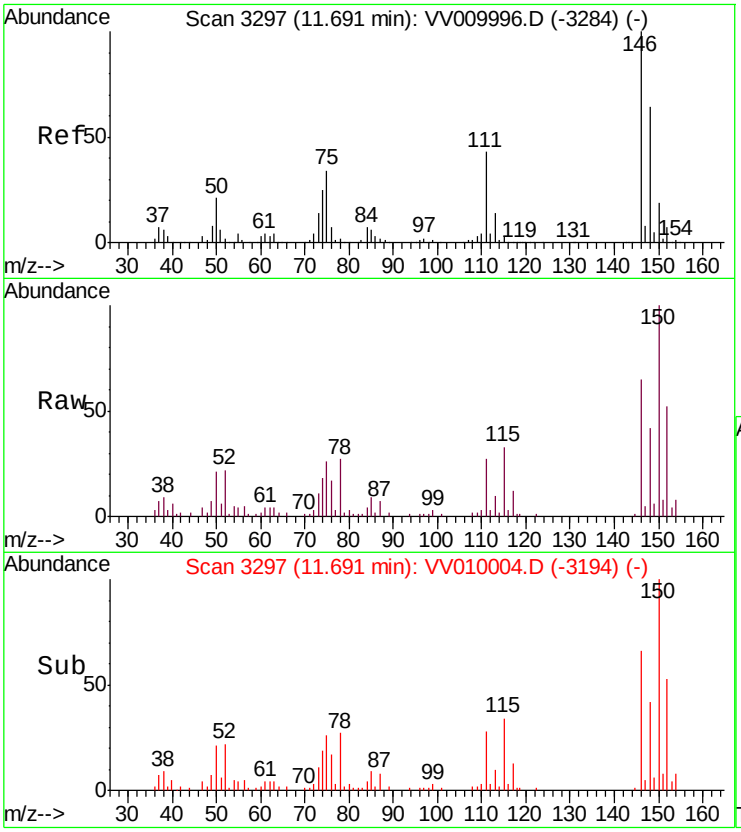


#16
Methylene chloride
Concen: 4.048 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010004.D
Acq: 29 Mar 2019 16:28

Tgt Ion: 84 Resp: 10515

Ion	Ratio	Lower	Upper
84	100		
49	154.7	90.4	167.8
86	68.2	44.0	81.6





#65
1,2-Dichlorobenzene
Concen: 4.852 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV010004.D
Acq: 29 Mar 2019 16:28

Instrument :
MSVOA_V
ClientSampleId :
BF5C6

Tgt Ion:146 Resp: 18481

Ion	Ratio	Lower	Upper
146	100		
111	41.9	32.7	49.1
148	63.6	50.5	75.7