Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033019\

Quantitation Report (LSC Reviewed)

Data File : VV010025.D
Acq On : 30 Mar 2019 17:36
Operator : SY/MD
Sample : K2166-10
Misc : 5.87G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0L5

Quant Time: Apr 16 04:57:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 23:31:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113162	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116116	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46979	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54124	23.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.28%			
7) Chloroethane-d5	1.56	69	62671	25.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.08%			
10) 1,1-Dichloroethene-d2	2.12	63	119845	19.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.32%			
20) 2-Butanone-d5	3.94	46	28526	66.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.32%			
24) Chloroform-d	4.40	84	65832	22.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.32%			
26) 1,2-Dichloroethane-d4	5.08	65	52900	30.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 121.96%			
29) Benzene-d6	5.10	84	156791	25.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.84%			
33) 1,2-Dichloropropane-d6	6.12	67	49283	27.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.48%			
37) Toluene-d8	7.36	98	130071	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.16%			
38) trans-1,3-Dichloropropene-	7.66	79	15064	20.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.56%			
39) 2-Hexanone-d5	8.13	63	22215	66.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.42%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50711	28.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	48688	27.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.88%			
Target Compounds						Qvalue
13) Acetone	2.19	43	7708	11.897	ug/L	98
16) Methylene chloride	2.53	84	4309	2.312	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	1575	1.062	ug/L	78
22) cis-1,2-Dichloroethene	3.96	96	9811	5.993	ug/L	89

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

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QLast Update : Sat Mar 30 23:31:11 2019
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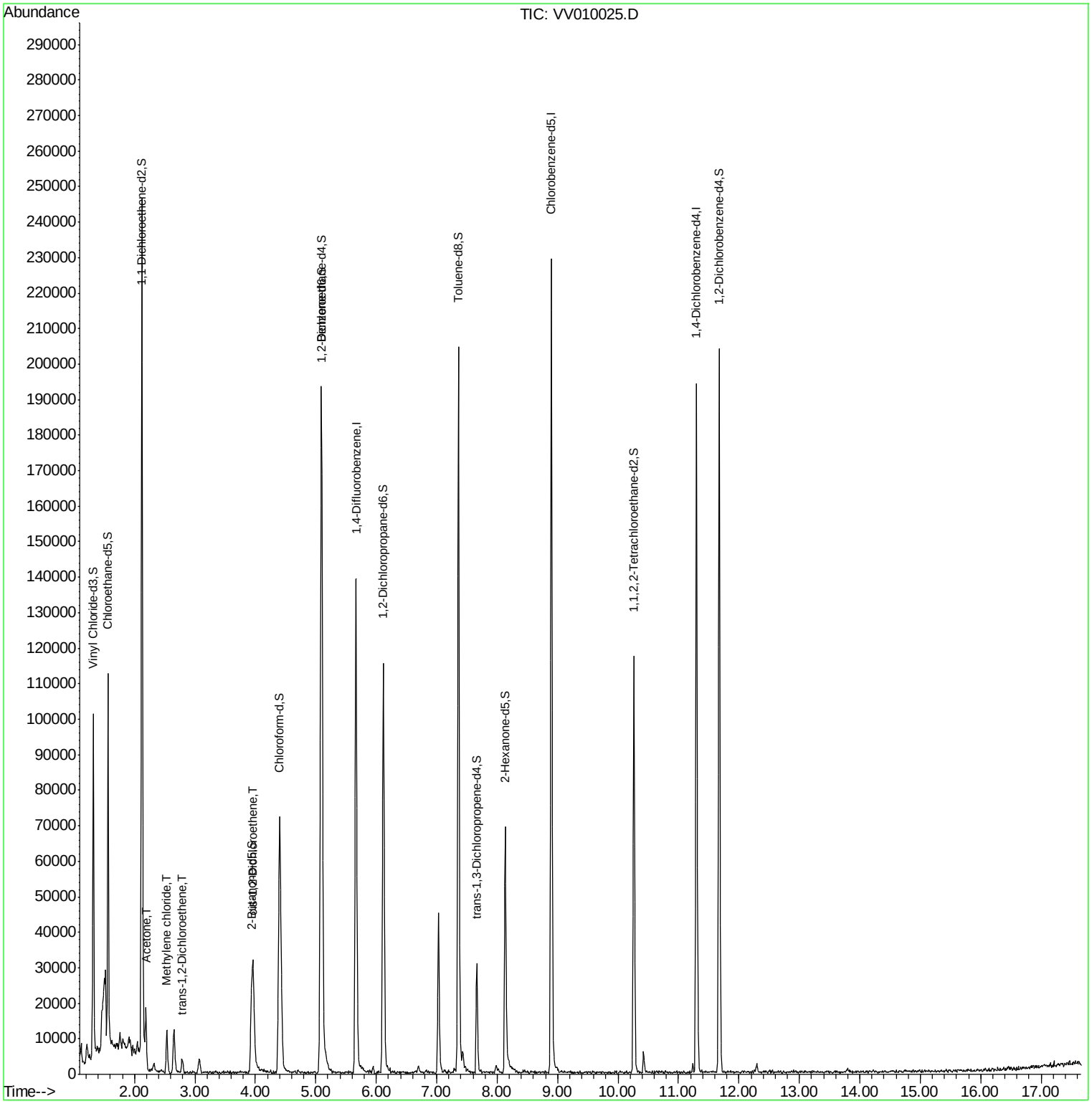
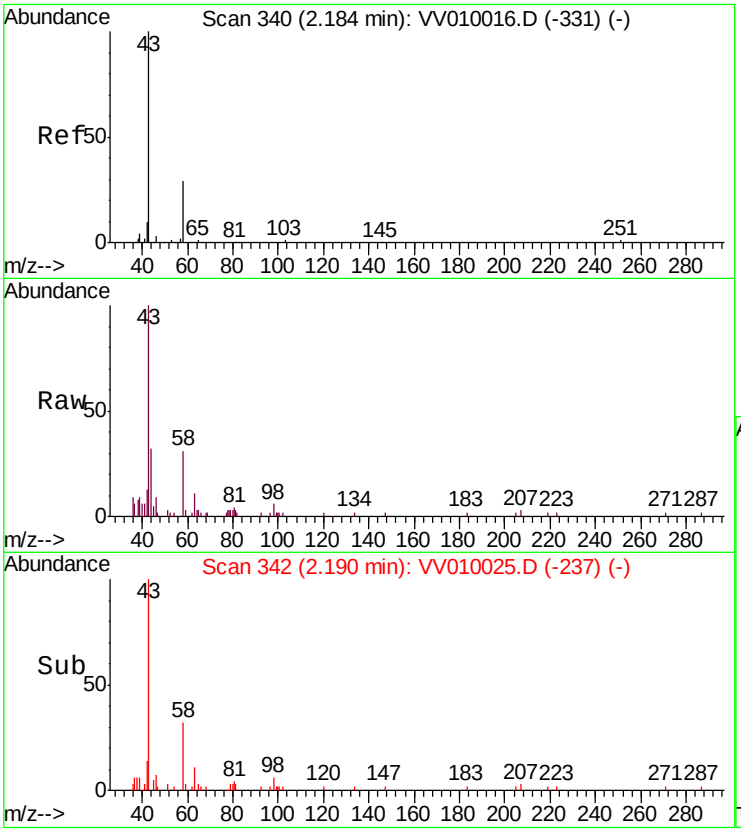


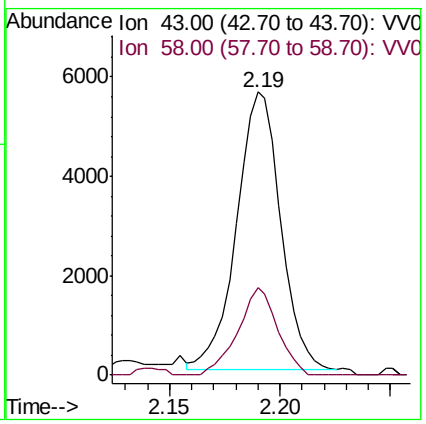


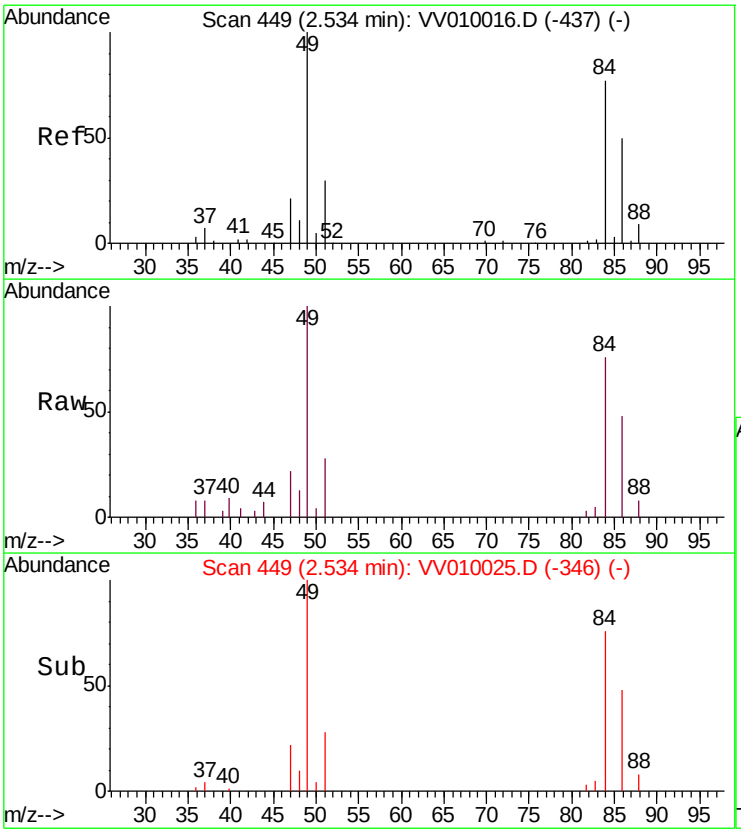
#13
Acetone
Concen: 11.897 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV010025.D
Acq: 30 Mar 2019 17:36

Instrument :
MSVOA_V
ClientSampleId :
BF0L5

Tgt Ion: 43 Resp: 7708

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	59.4

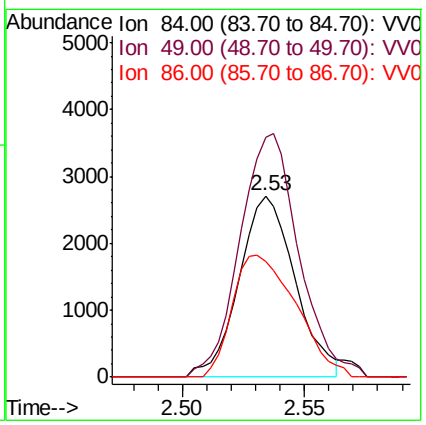


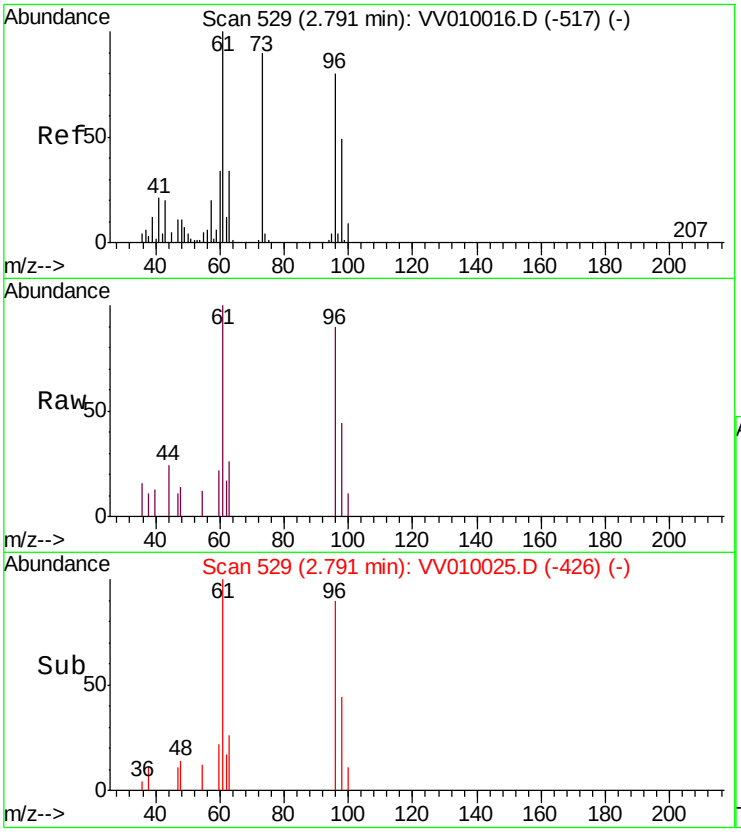


#16
Methylene chloride
Concen: 2.312 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010025.D
Acq: 30 Mar 2019 17:36

Tgt Ion: 84 Resp: 4309

Ion	Ratio	Lower	Upper
84	100		
49	132.3	90.4	167.8
86	63.6	44.0	81.6



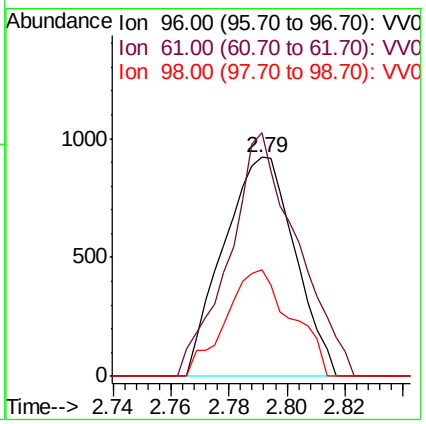


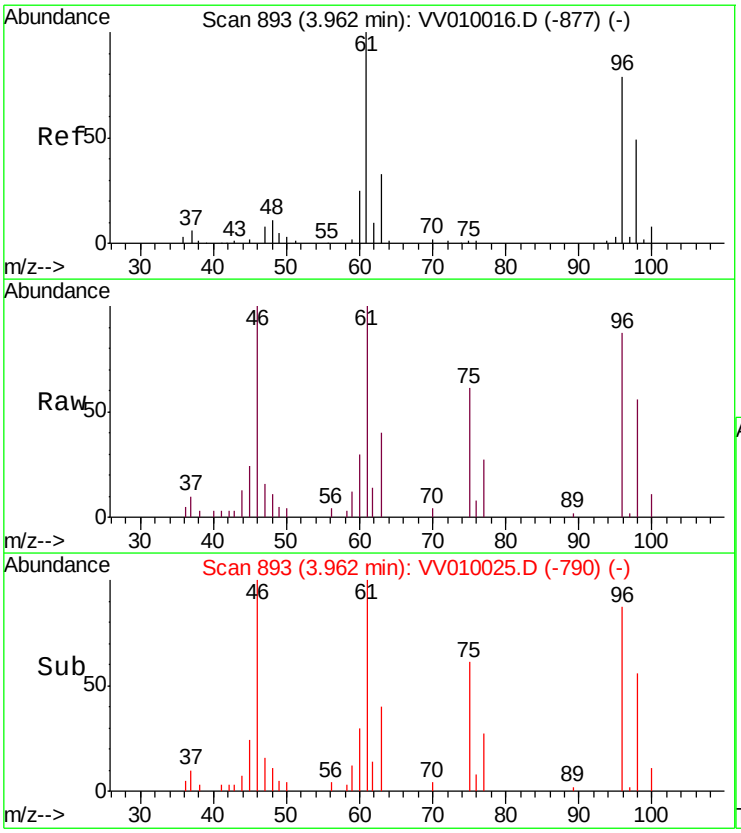
#18
trans-1,2-Dichloroethene
Concen: 1.062 ug/L
RT: 2.79 min Scan# 529
Delta R.T. -0.00 min
Lab File: VV010025.D
Acq: 30 Mar 2019 17:36

Instrument :
MSVOA_V
ClientSampleId :
BF0L5

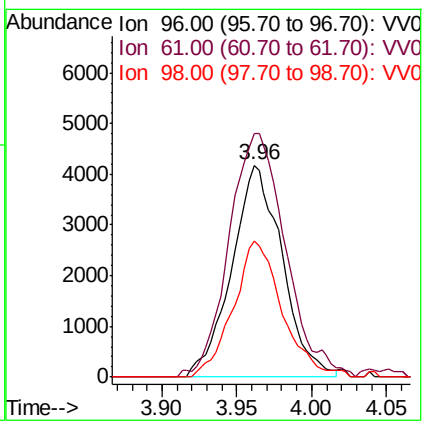
Tgt Ion: 96 Resp: 1575

Ion	Ratio	Lower	Upper
96	100		
61	111.2	96.8	179.8
98	48.4	46.1	85.7





#22
cis-1,2-Dichloroethene
Concen: 5.993 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV010025.D
Acq: 30 Mar 2019 17:36

Tgt Ion: 96 Resp: 9811

Ion	Ratio	Lower	Upper
96	100		
61	114.6	91.4	169.8
98	64.0	48.0	89.2