Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092419\

Quantitation Report (Not Reviewed)

Data File : VV012960.D
Acq On : 24 Sep 2019 14:31
Operator : SY/MD
Sample : K4982-06
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

Quant Time: Sep 25 01:59:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 01:56:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	802895	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	792168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	392347	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	288984	23.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.80%			
7) Chloroethane-d5	1.58	69	250443	24.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.48%			
10) 1,1-Dichloroethene-d2	2.13	63	373998	18.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.20%			
20) 2-Butanone-d5	3.95	46	222383	51.70	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.40%			
24) Chloroform-d	4.40	84	537410	24.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.44%			
26) 1,2-Dichloroethane-d4	5.08	65	329876	25.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.92%			
29) Benzene-d6	5.10	84	1151430	26.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.12%			
33) 1,2-Dichloropropane-d6	6.12	67	366038	26.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.60%			
37) Toluene-d8	7.36	98	1042170	25.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.84%			
38) trans-1,3-Dichloropropene-	7.66	79	148394	25.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.12%			
39) 2-Hexanone-d5	8.13	63	156303	56.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.06%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	320871	24.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	423575	27.79	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.16%			

Target Compounds						Qvalue
16) Methylene chloride	2.54	84	27456	2.288	ug/L	97
47) Tetrachloroethene	8.02	164	6987	0.700	ug/L	94
49) 2-Hexanone	8.13	43	20238	2.850	ug/L #	73

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

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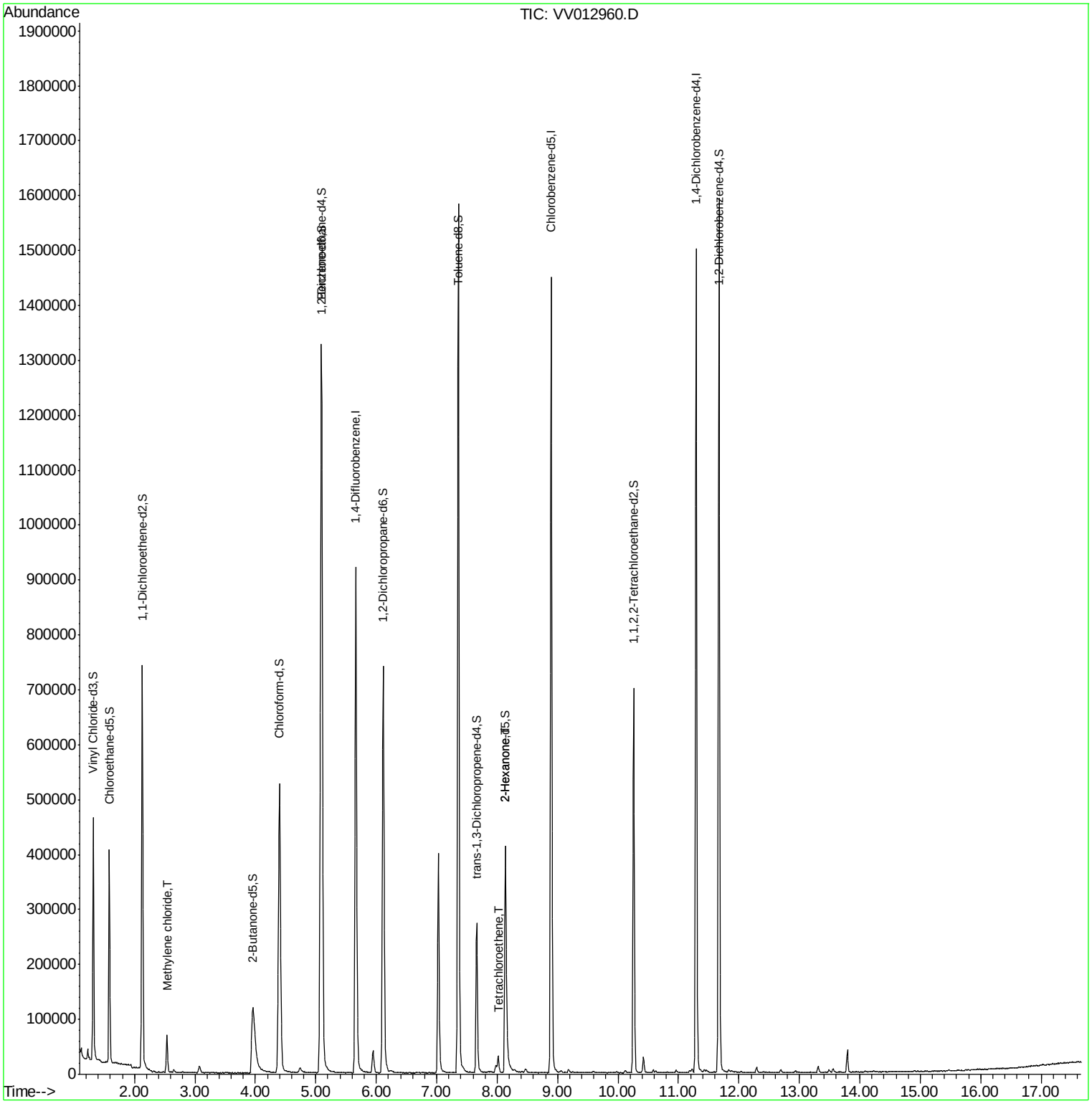
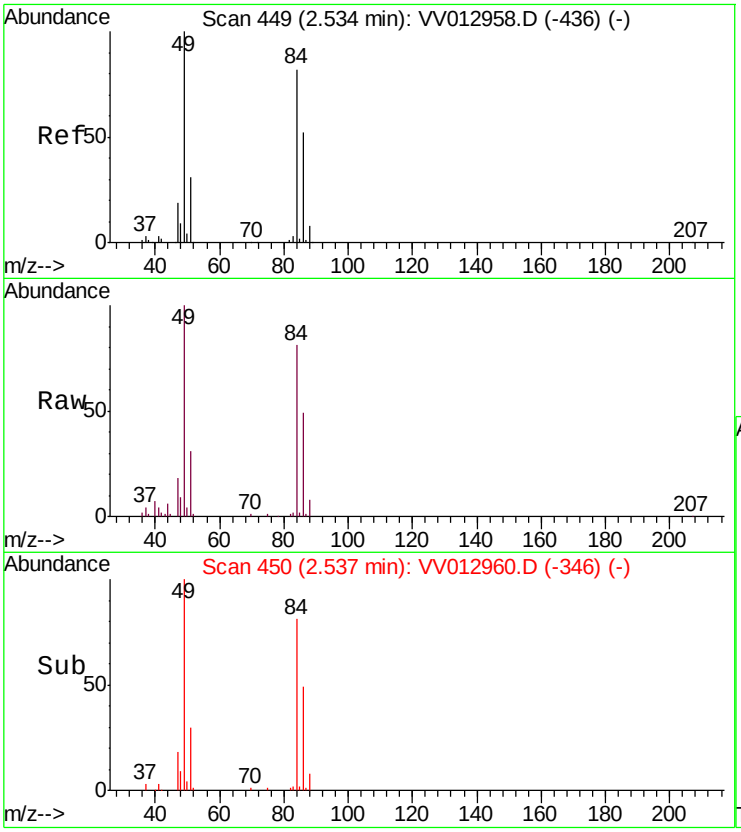


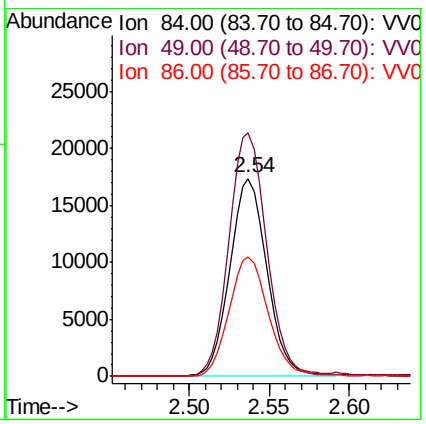


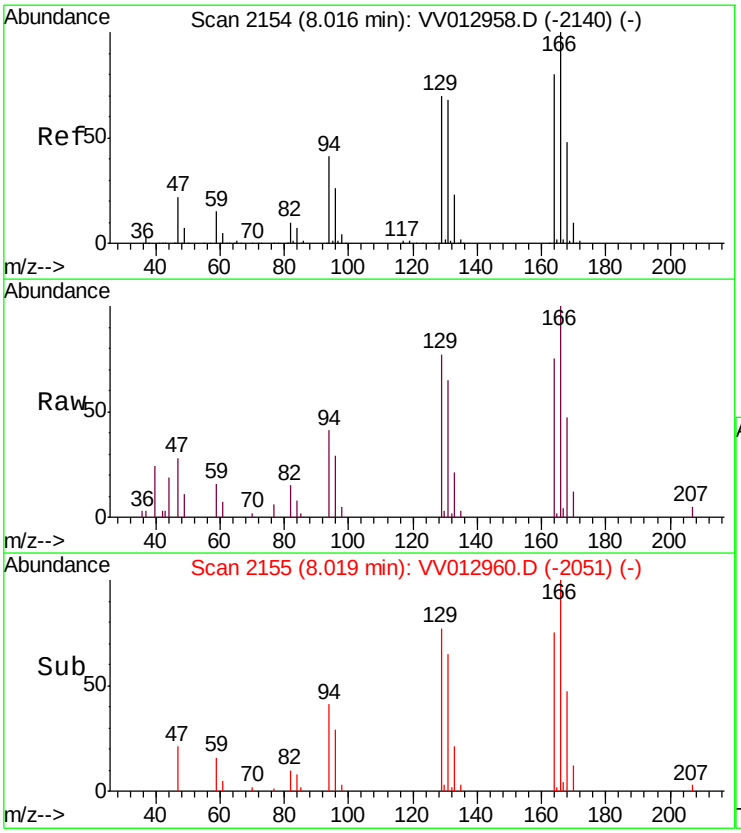
#16
Methylene chloride
Concen: 2.288 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012960.D
Acq: 24 Sep 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 84 Resp: 27456

Ion	Ratio	Lower	Upper
84	100		
49	123.1	88.3	164.1
86	60.2	44.9	83.3

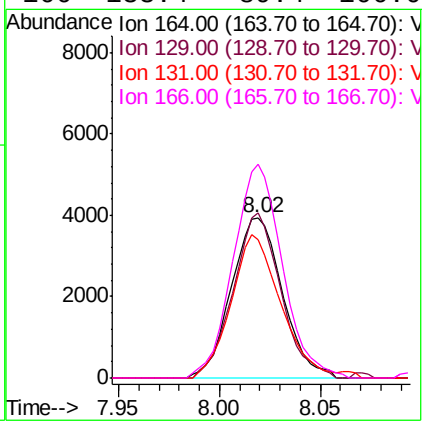


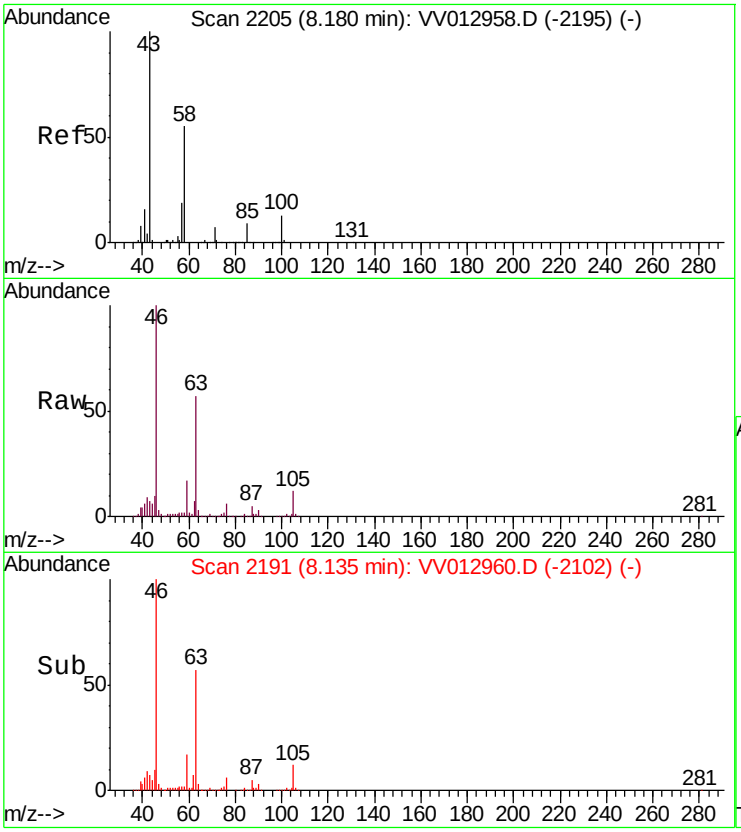


#47
Tetrachloroethene
Concen: 0.700 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012960.D
Acq: 24 Sep 2019 14:31

Tgt Ion:164 Resp: 6987

Ion	Ratio	Lower	Upper
164	100		
129	102.7	62.8	116.6
131	86.7	60.2	111.8
166	133.4	89.4	166.0





#49
2-Hexanone
Concen: 2.850 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV012960.D
Acq: 24 Sep 2019 14:31

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 43 Resp: 20238

Ion	Ratio	Lower	Upper
43	100		
58	35.3	46.5	69.7#
57	26.3	15.5	23.3#
100	1.7	9.7	14.5#