Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010102.D
Acq On : 03 Apr 2019 20:14
Operator : SY/MD
Sample : K2148-13RE
Misc : 5.49G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G0RE

Manual Integrations APPROVED
MMDadoda
4/5/2019 10:40:44 AM

Quant Time: Apr 04 08:18:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	81988	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26769	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20181	18.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.56%			
7) Chloroethane-d5	1.58	69	21462	15.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.96%			
10) 1,1-Dichloroethene-d2	2.13	63	45313	16.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.48%			
20) 2-Butanone-d5	3.94	46	17650m	56.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.02%			
24) Chloroform-d	4.40	84	47006	22.76	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.04%			
26) 1,2-Dichloroethane-d4	5.08	65	31306	27.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.36%			
29) Benzene-d6	5.10	84	97842	24.62	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.48%			
33) 1,2-Dichloropropane-d6	6.12	67	31556	26.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.64%			
37) Toluene-d8	7.36	98	87596	22.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.52%			
38) trans-1,3-Dichloropropene-	7.67	79	10240	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.68%			
39) 2-Hexanone-d5	8.13	63	10978m	46.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.34%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31010	26.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.24%			
61) 1,2-Dichlorobenzene-d4	11.68	152	26421	25.34	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.36%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3707	12.005	ug/L	98
16) Methylene chloride	2.54	84	8924	6.195	ug/L	99
47) Tetrachloroethene	8.02	164	1097	1.215	ug/L	81

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

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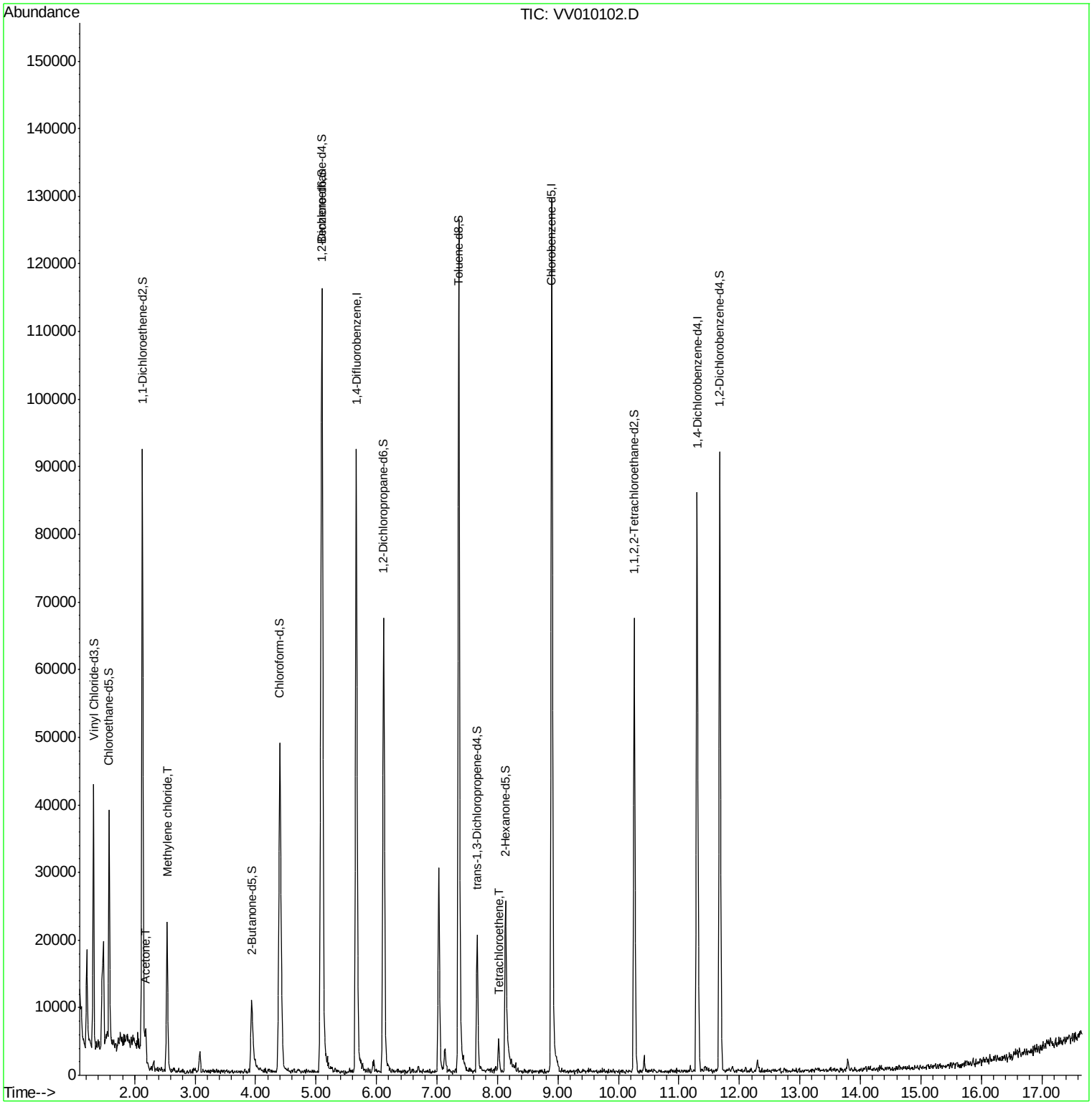

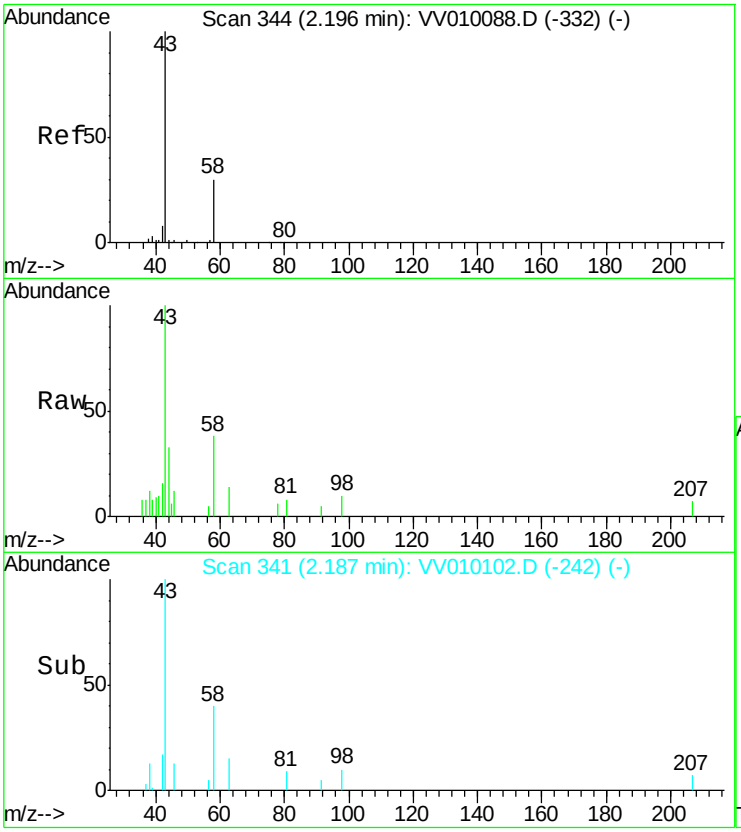

#13
Acetone
Concen: 12.005 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV010102.D
Acq: 03 Apr 2019 20:14

Tgt Ion: 43 Resp: 3707

Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	64.6

Instrument :
MSVOA_V
ClientSampleId :
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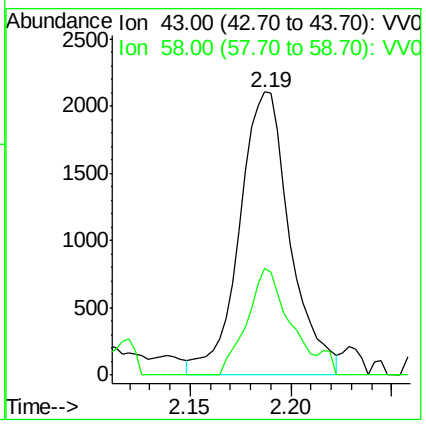
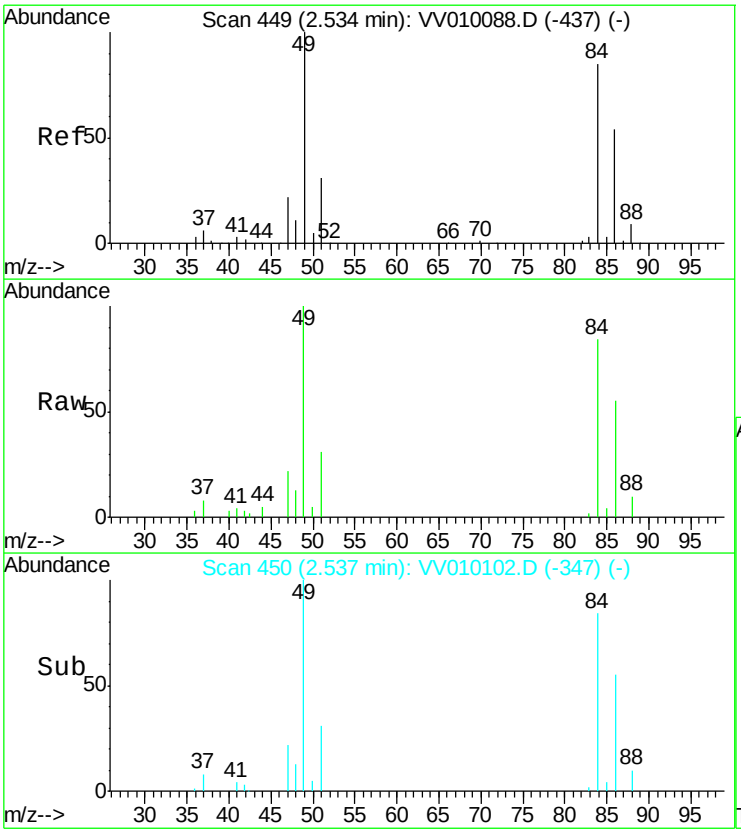
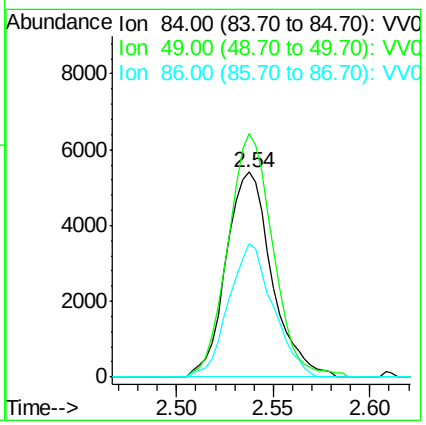


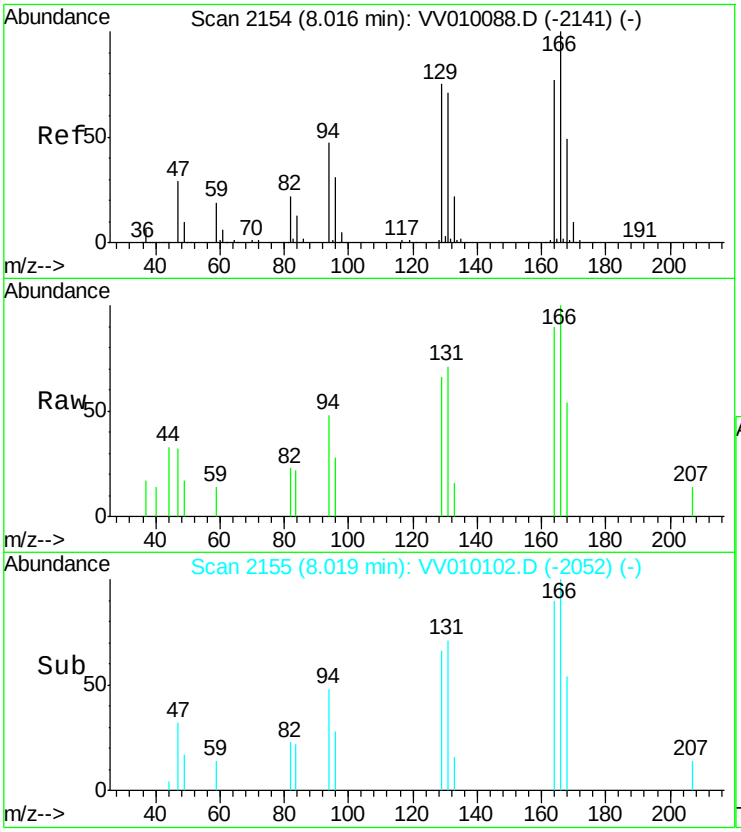


#16
Methylene chloride
Concen: 6.195 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010102.D
Acq: 03 Apr 2019 20:14

Tgt Ion: 84 Resp: 8924

Ion	Ratio	Lower	Upper
84	100		
49	118.8	84.3	156.5
86	65.3	45.4	84.2

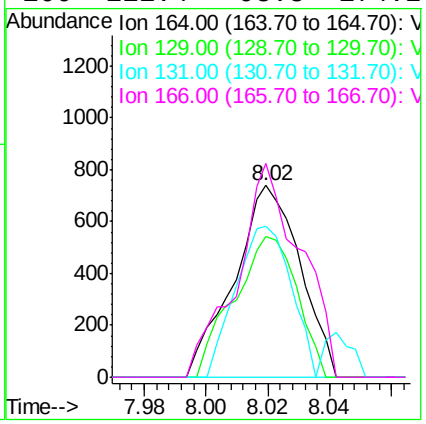




#47
Tetrachloroethene
Concen: 1.215 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010102.D
Acq: 03 Apr 2019 20:14

Tgt Ion:164 Resp: 1097

Ion	Ratio	Lower	Upper
164	100		
129	73.2	67.8	125.8
131	78.9	65.2	121.0
166	111.4	93.8	174.2



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