Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032719\

Quantitation Report (QT/LSC Reviewed)

Data File : VV009954.D
Acq On : 28 Mar 2019 03:50
Operator : SY/MD
Sample : K2101-17
Misc : 3.54G/10mL/MSVOA_V/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0F7

Quant Time: Mar 28 08:35:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	179726	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173555	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63946	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	76313	20.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.68%			
7) Chloroethane-d5	1.55	69	96324	24.45	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.80%			
10) 1,1-Dichloroethene-d2	2.11	63	127187	12.75	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.00%			
20) 2-Butanone-d5	3.92	46	29507	43.42	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.84%			
24) Chloroform-d	4.39	84	96522	21.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.32%			
26) 1,2-Dichloroethane-d4	5.07	65	70647	25.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.56%			
29) Benzene-d6	5.09	84	247552	27.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.64%			
33) 1,2-Dichloropropane-d6	6.11	67	77091	28.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.64%			
37) Toluene-d8	7.36	98	213877	24.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.16%			
38) trans-1,3-Dichloropropene-	7.66	79	21851	20.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.12%			
39) 2-Hexanone-d5	8.13	63	19871	39.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.84%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54484	20.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	64176	26.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.44%			

Target Compounds						Qvalue
16) Methylene chloride	2.52	84	6704	2.265	ug/L	94
25) Chloroform	4.42	83	29529	6.201	ug/L	98
47) Tetrachloroethene	8.02	164	98472	49.639	ug/L	91

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

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Instrument :
MSVOA_V
ClientSampleId :
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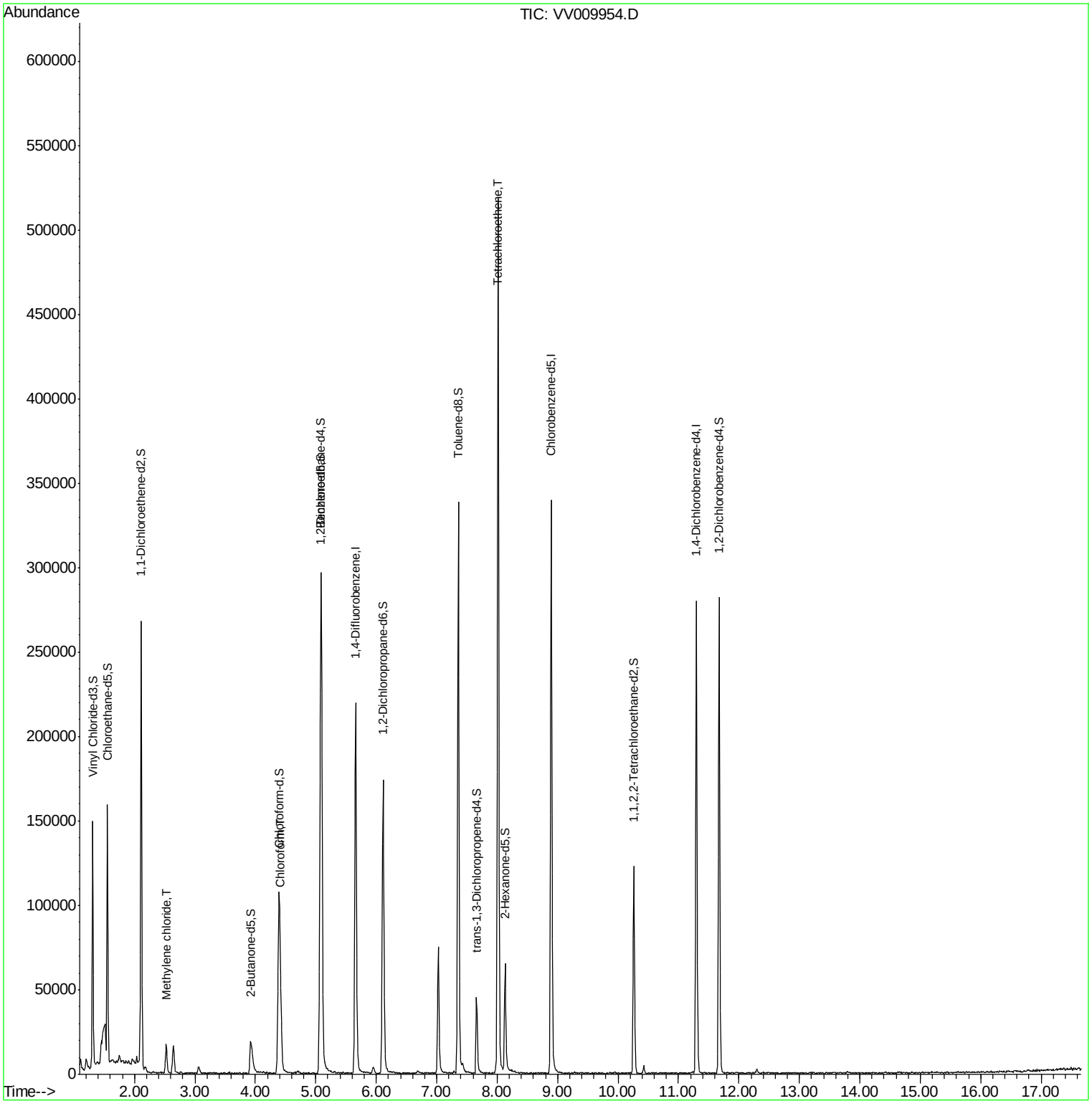
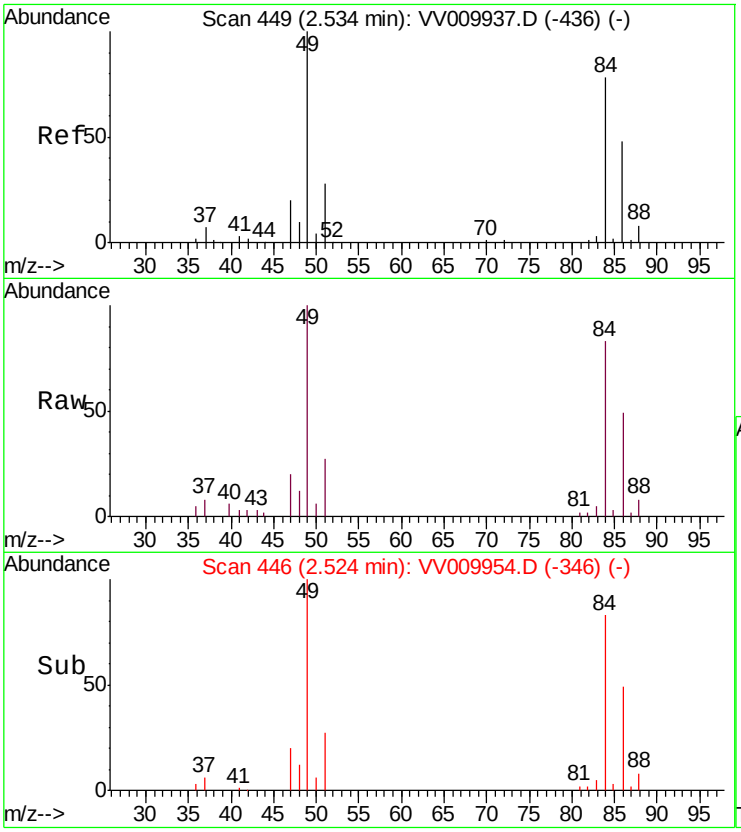
Quant Time: Mar 28 08:35:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration



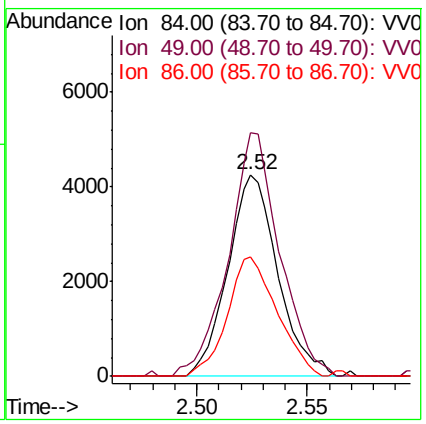


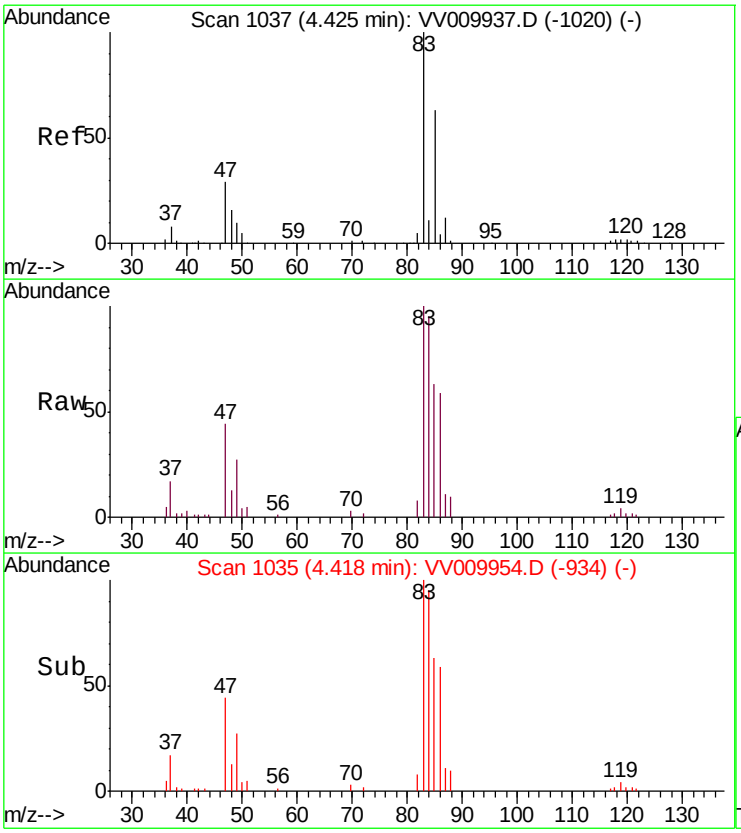
#16
Methylene chloride
Concen: 2.265 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009954.D
Acq: 28 Mar 2019 03:50

Instrument :
MSVOA_V
ClientSampleId :
BF0F7

Tgt Ion: 84 Resp: 6704

Ion	Ratio	Lower	Upper
84	100		
49	120.6	90.4	167.8
86	59.3	44.0	81.6

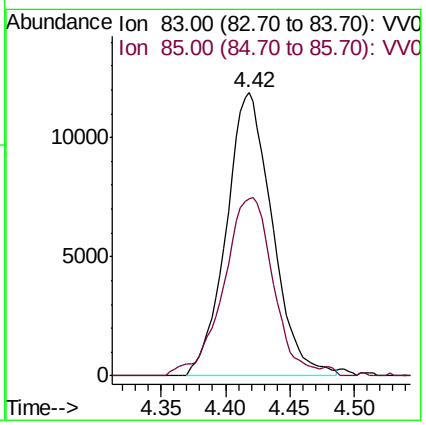


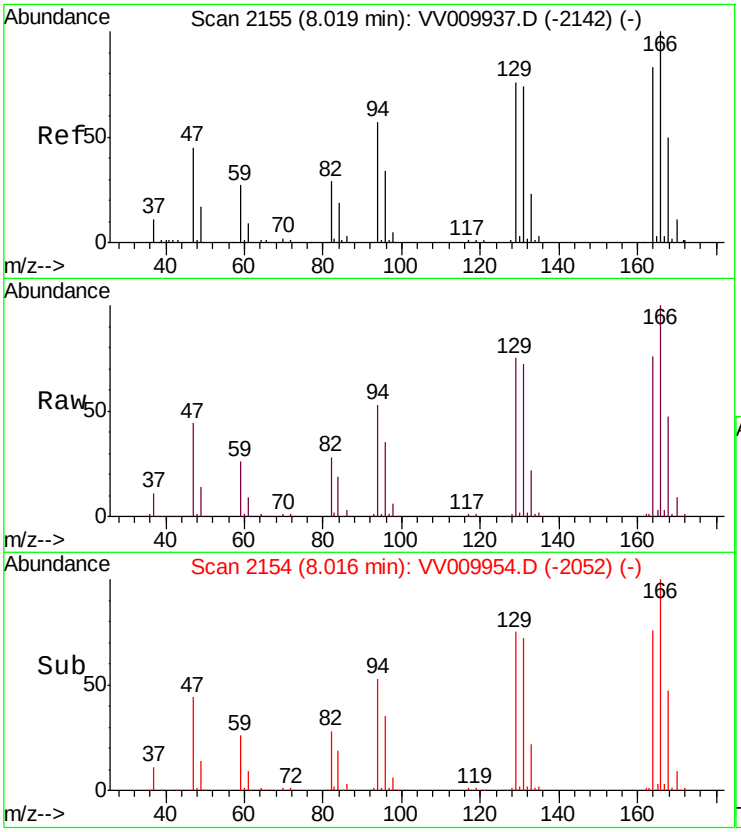


#25
Chloroform
Concen: 6.201 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV009954.D
Acq: 28 Mar 2019 03:50

Tgt Ion: 83 Resp: 29529

Ion	Ratio	Lower	Upper
83	100		
85	67.6	46.1	85.7





#47
Tetrachloroethene
Concen: 49.639 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009954.D
Acq: 28 Mar 2019 03:50

Instrument :
MSVOA_V
ClientSampleId :
BF0F7

Tgt Ion:164 Resp: 98472

Ion	Ratio	Lower	Upper
164	100		
129	99.4	64.9	120.5
131	94.3	62.0	115.2
166	131.8	82.9	153.9