Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041619\
Data File : VV010338.D
Acq On : 16 Apr 2019 17:43
Operator : SY/MD
Sample : K2402-11
Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

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4/19/2019 12:23:33 PM

Quant Time: Apr 16 23:45:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 23:09:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	22083	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	20131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9622	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	4506	17.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.92%			
7) Chloroethane-d5	1.59	69	5137	23.51	ug/L	0.03
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.04%			
10) 1,1-Dichloroethene-d2	2.14	63	7717	11.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.72%			
20) 2-Butanone-d5	3.95	46	2757	42.86	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.72%			
24) Chloroform-d	4.41	84	13344	26.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.84%			
26) 1,2-Dichloroethane-d4	5.09	65	7590	26.43	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.72%			
29) Benzene-d6	5.10	84	21865	22.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.12%			
33) 1,2-Dichloropropane-d6	6.12	67	7461	25.84	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.36%			
37) Toluene-d8	7.36	98	16386	17.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 69.24%			
38) trans-1,3-Dichloropropene-	7.67	79	2469	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.04%			
39) 2-Hexanone-d5	8.14	63	1420m	28.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.96%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7516	29.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.00%			
61) 1,2-Dichlorobenzene-d4	11.68	152	9121	25.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.68%			
Target Compounds						Qvalue
16) Methylene chloride	2.54	84	2301	5.321	ug/L	79
54) m,p-Xylene	9.18	106	5280	10.580	ug/L	96
55) o-xylene	9.59	106	3667	7.379	ug/L	91

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

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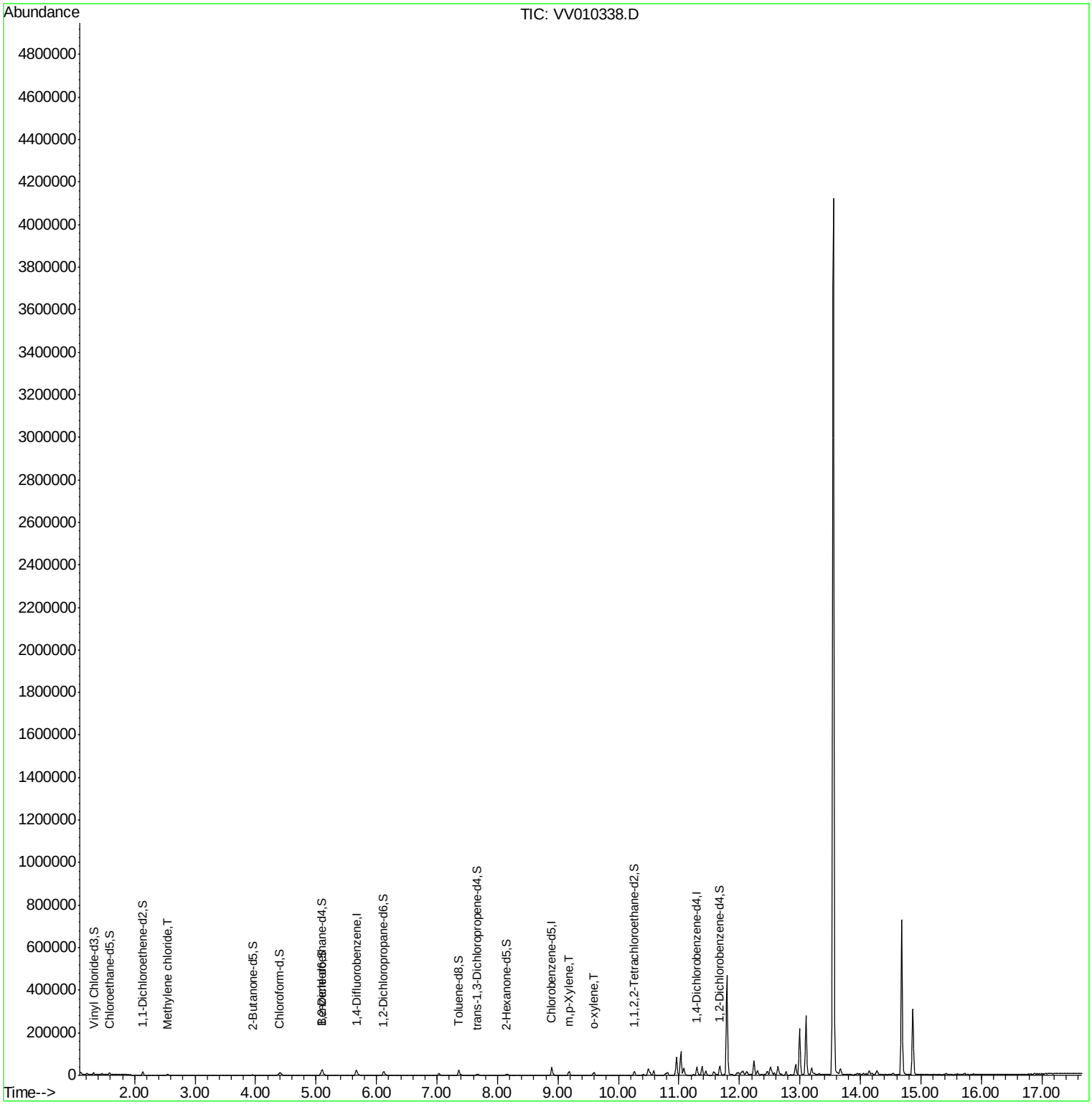
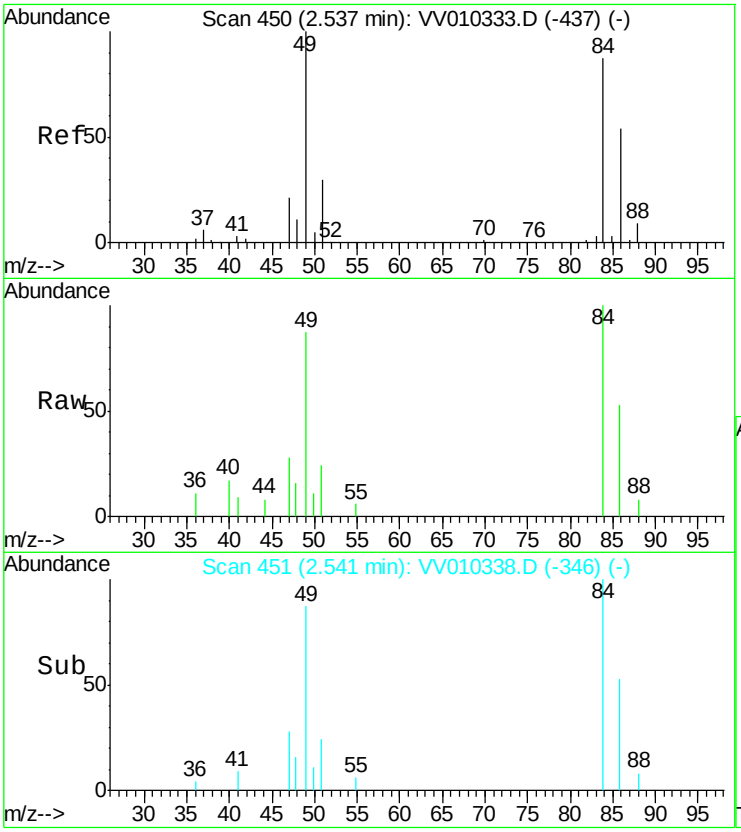
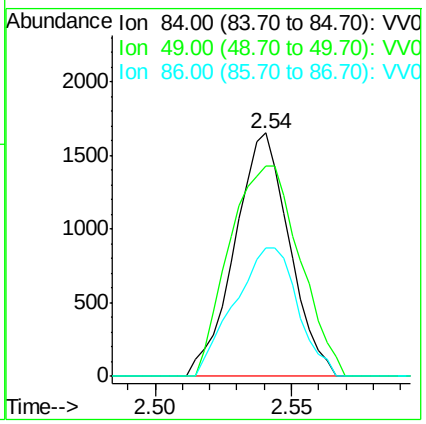




#16
Methylene chloride
Concen: 5.321 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV010338.D
Acq: 16 Apr 2019 17:43

Tgt Ion: 84 Resp: 2301

Ion	Ratio	Lower	Upper
84	100		
49	86.6	79.9	148.5
86	52.6	44.5	82.7



Instrument :
MSVOA_V
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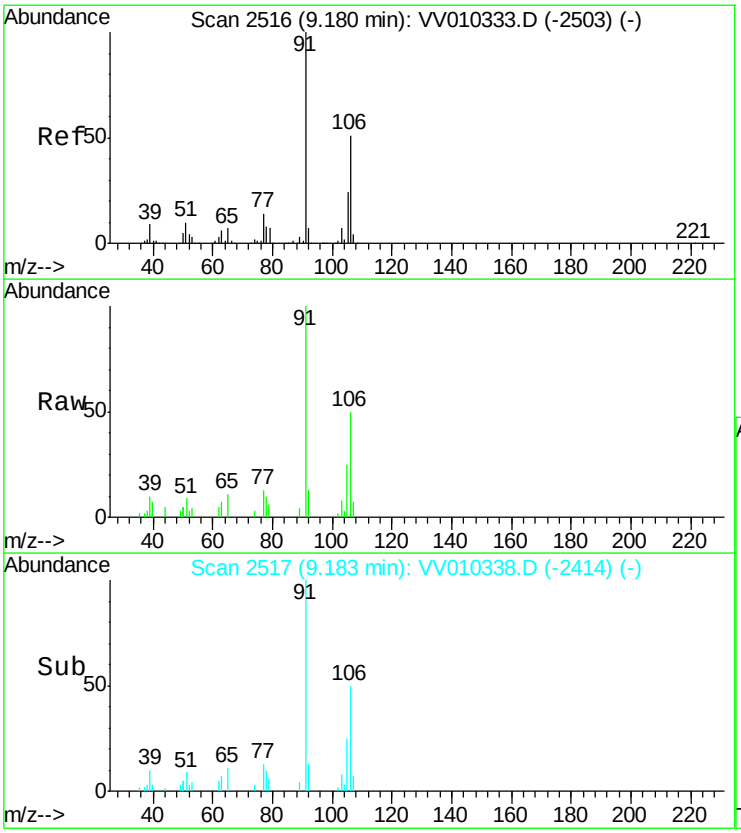
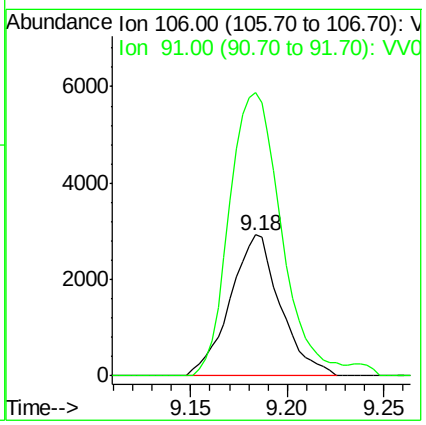
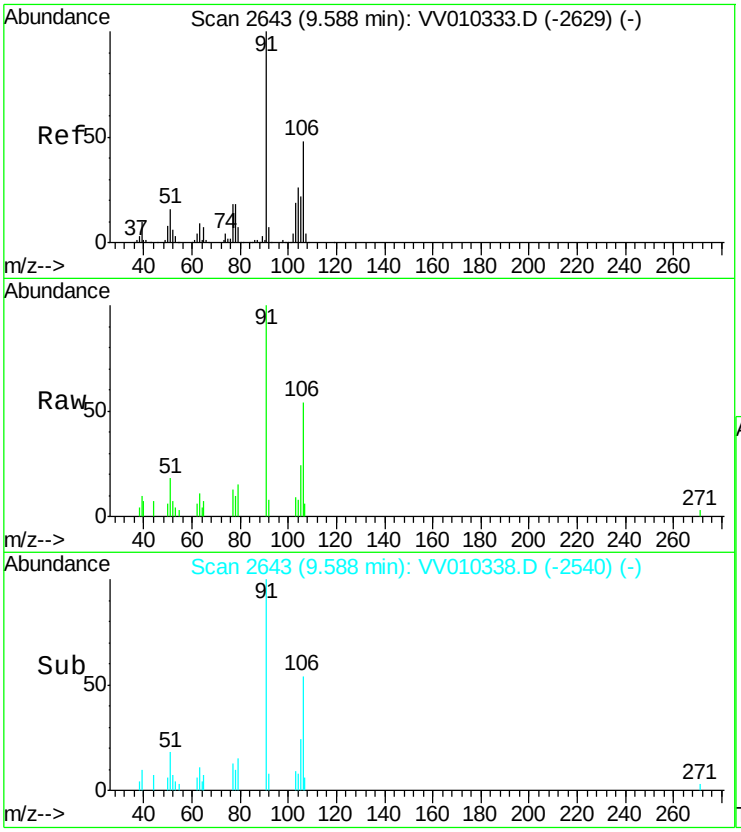


#54
m,p-Xylene
Concen: 10.580 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010338.D
Acq: 16 Apr 2019 17:43

Tgt Ion:106 Resp: 5280

Ion	Ratio	Lower	Upper
106	100		
91	201.1	136.6	253.6

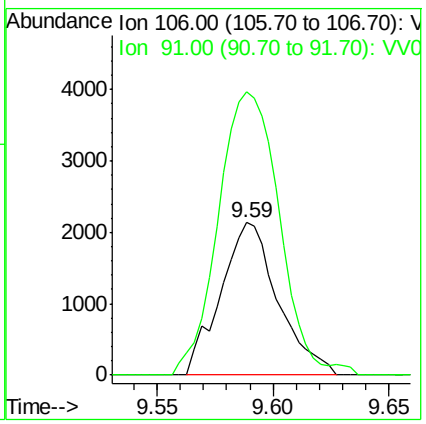




#55
o-xylene
Concen: 7.379 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010338.D
Acq: 16 Apr 2019 17:43

Tgt Ion:106 Resp: 3667

Ion	Ratio	Lower	Upper
106	100		
91	185.6	139.4	259.0



Instrument :
MSVOA_V
ClientSampleId :
GAHJ1

Manual Integrations APPROVED
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