Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032319\
Data File : VW009411.D
Acq On : 24 Mar 2019 01:16
Operator : SY/VA
Sample : K2031-01RE
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5S1RE

Manual Integrations APPROVED
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3/25/2019 8:33:43 AM

Quant Time: Mar 24 04:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	245731	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	142619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33438	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	86216	29.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.44%			
7) Chloroethane-d5	2.89	69	93310	27.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.64%			
10) 1,1-Dichloroethene-d2	4.01	63	115140	18.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.56%			
20) 2-Butanone-d5	7.07	46	98242	80.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 161.80%#			
24) Chloroform-d	7.64	84	187014	27.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.56%			
26) 1,2-Dichloroethane-d4	8.31	65	129520m	32.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.24%			
29) Benzene-d6	8.27	84	305267	38.81	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 155.24%#			
33) 1,2-Dichloropropane-d6	9.27	67	101784	43.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 172.36%#			
37) Toluene-d8	10.32	98	188281	25.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.56%			
38) trans-1,3-Dichloropropene-	10.58	79	39033	32.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 131.60%			
39) 2-Hexanone-d5	10.93	63	64405	112.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 225.14%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	63246	27.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.72%			
61) 1,2-Dichlorobenzene-d4	13.86	152	28026	21.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.44%			
Target Compounds						Qvalue
13) Acetone	4.12	43	13179	13.233	ug/L	98
16) Methylene chloride	4.92	84	20636	5.759	ug/L	89
44) Toluene	10.39	91	19495	2.284	ug/L	98
53) Ethylbenzene	11.73	91	25484	2.656	ug/L	94
54) m,p-Xylene	11.83	106	50825	13.942	ug/L	100
55) o-xylene	12.16	106	31046	8.729	ug/L	90
57) Isopropylbenzene	12.46	105	12018	1.261	ug/L	97

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

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Instrument :
MSVOA_W
ClientSampleId :
BF5S1RE

Manual Integrations APPROVED
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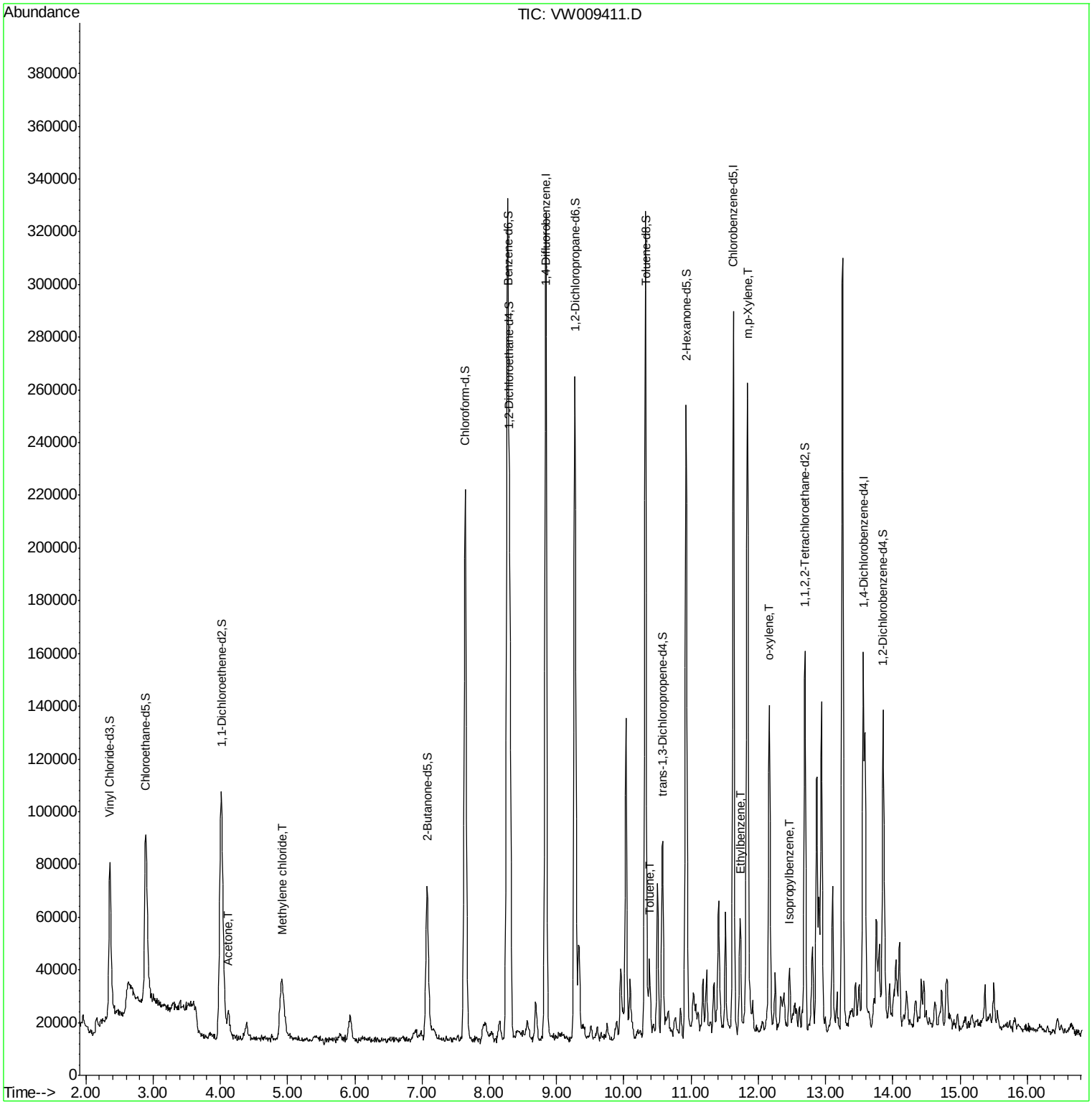
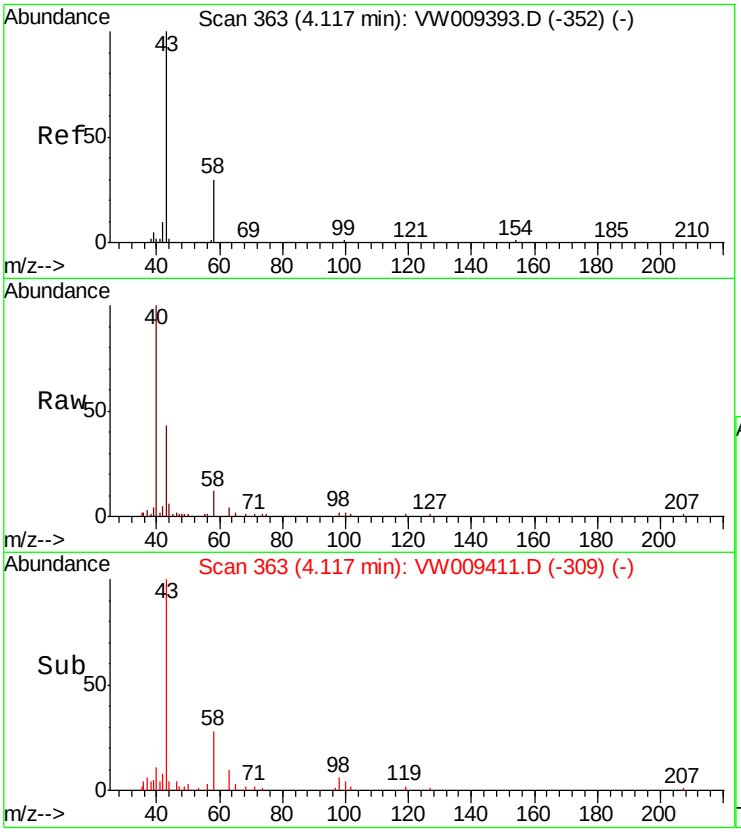
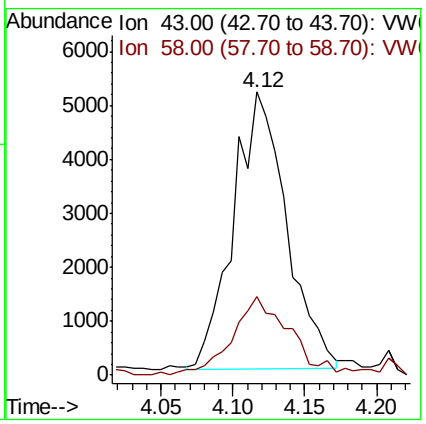




#13
Acetone
Concen: 13.233 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009411.D
Acq: 24 Mar 2019 01:16

Tgt Ion: 43 Resp: 13179

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	56.2



Instrument :
MSVOA_W
ClientSampleId :
BF5S1RE

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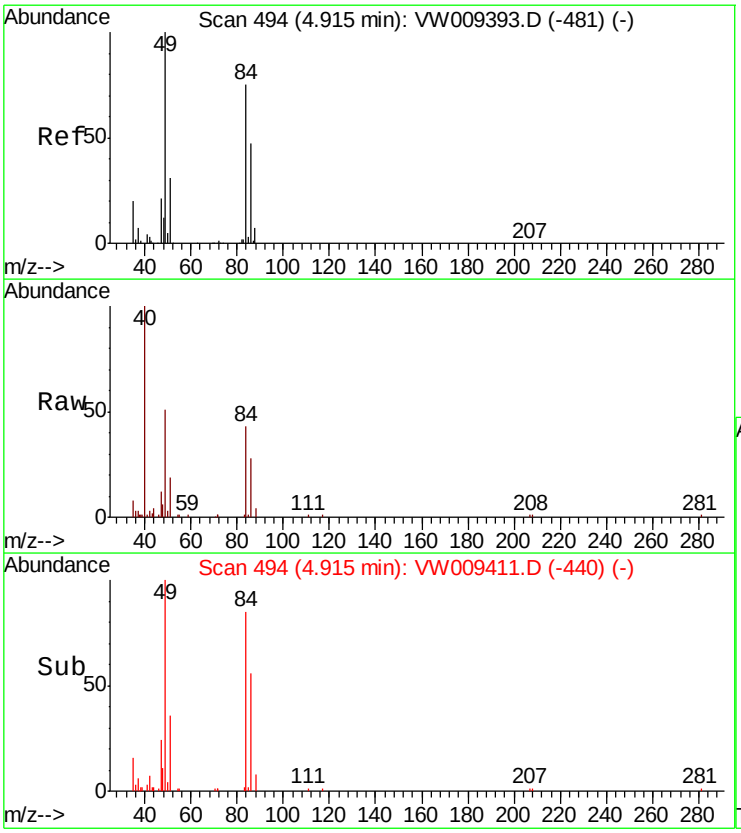
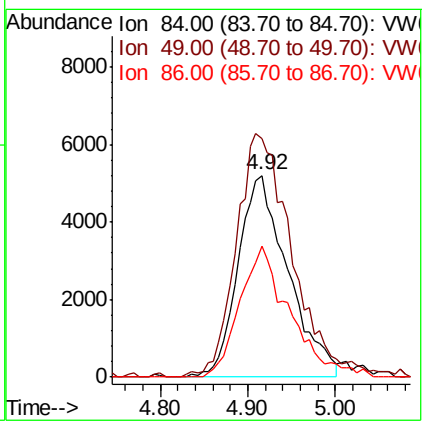
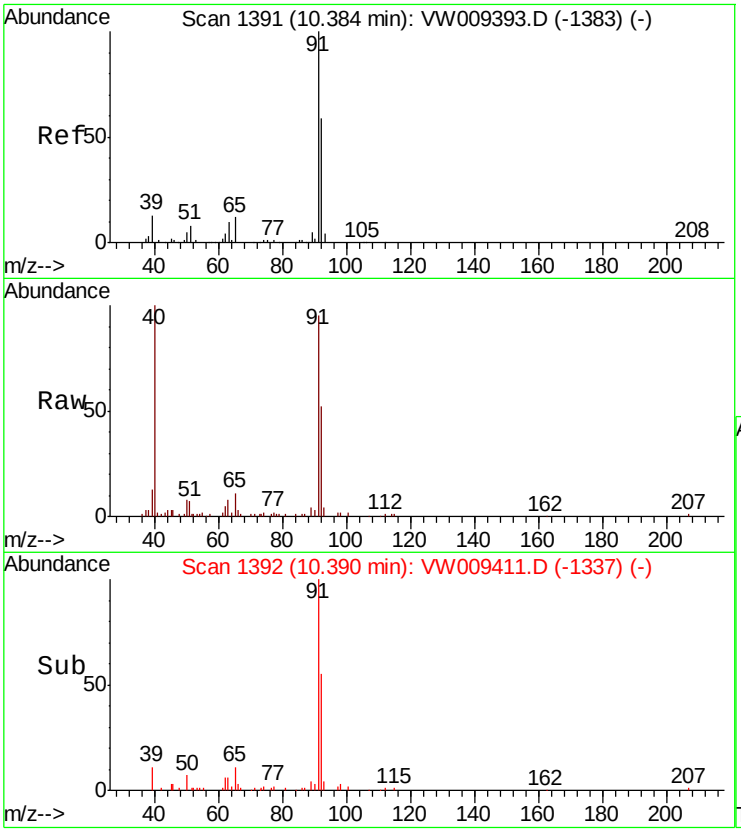


#16
Methylene chloride
Concen: 5.759 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009411.D
Acq: 24 Mar 2019 01:16

Tgt Ion: 84 Resp: 20636

Ion	Ratio	Lower	Upper
84	100		
49	118.5	96.0	178.2
86	65.1	44.4	82.5





#44
Toluene
Concen: 2.284 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW009411.D
Acq: 24 Mar 2019 01:16

Tgt Ion: 91 Resp: 19495

Ion	Ratio	Lower	Upper
91	100		
92	55.1	39.8	73.8

Instrument :
MSVOA_W
ClientSampleId :
BF5S1RE

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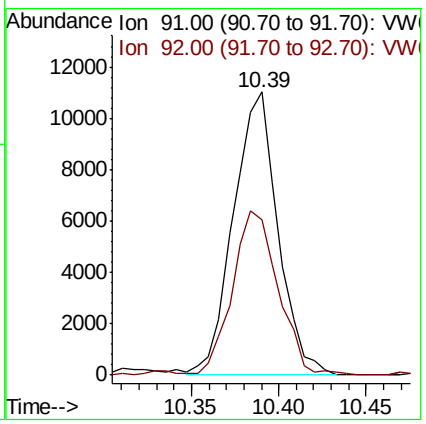
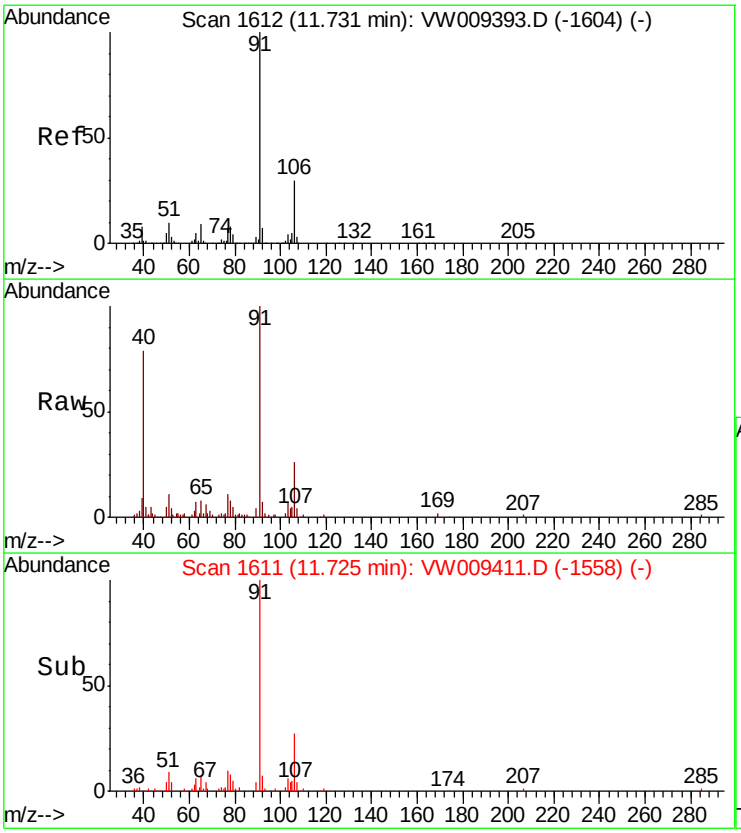
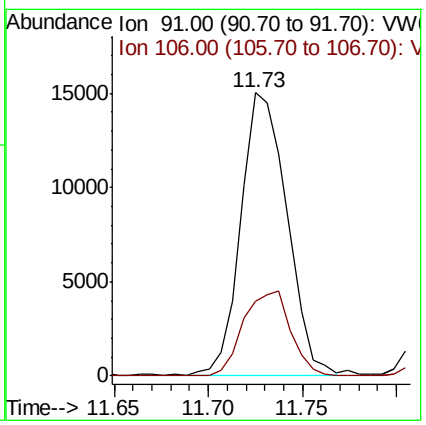


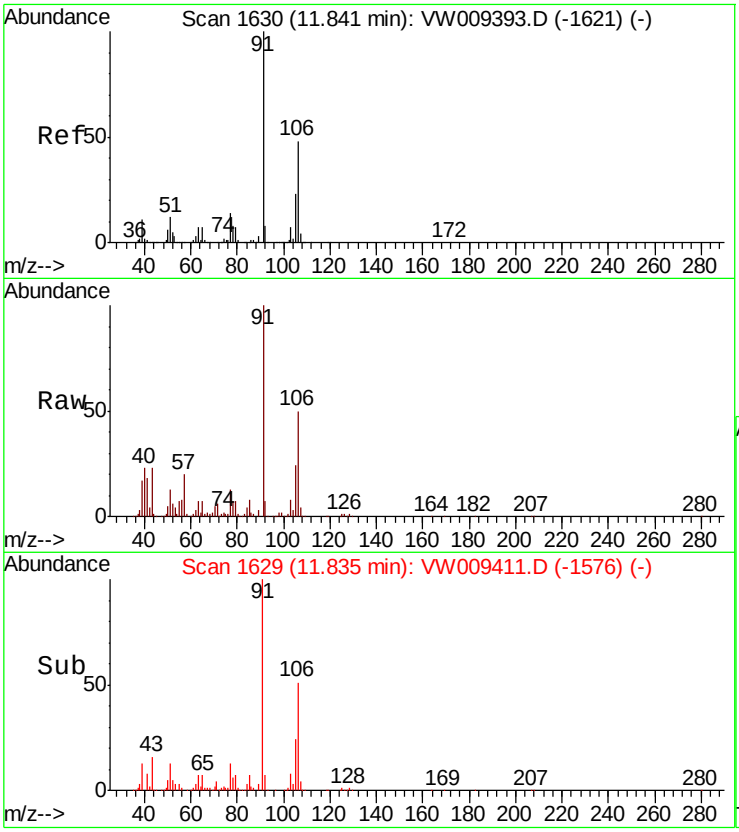


#53
Ethylbenzene
Concen: 2.656 ug/L
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW009411.D
Acq: 24 Mar 2019 01:16

Tgt Ion: 91 Resp: 25484

Ion	Ratio	Lower	Upper
91	100		
106	26.5	21.0	39.0





#54
m,p-Xylene
Concen: 13.942 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009411.D
Acq: 24 Mar 2019 01:16

Tgt Ion:106 Resp: 50825

Ion	Ratio	Lower	Upper
106	100		
91	198.4	138.4	257.0

Instrument :
MSVOA_W
ClientSampleId :
BF5S1RE

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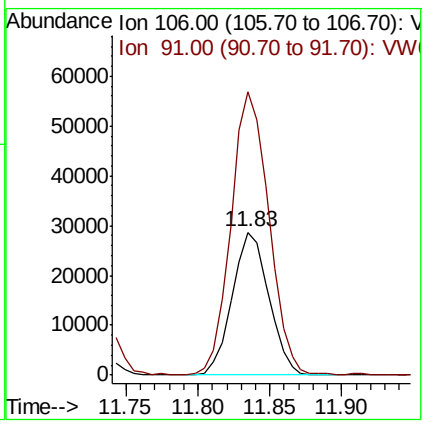
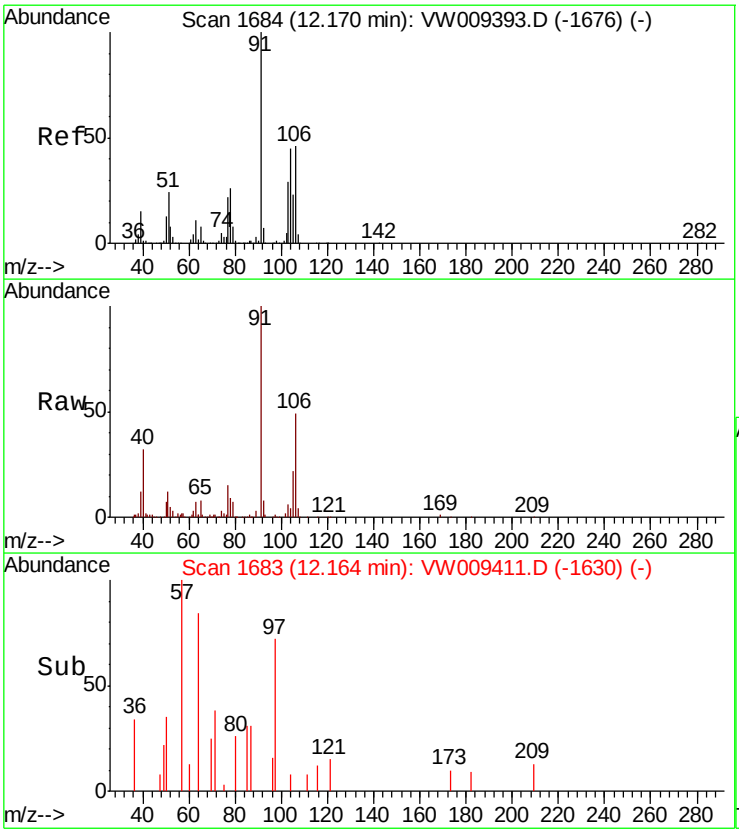
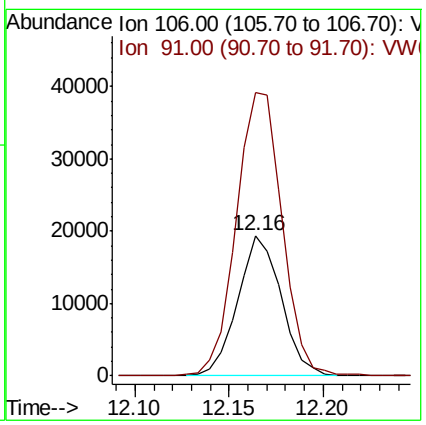


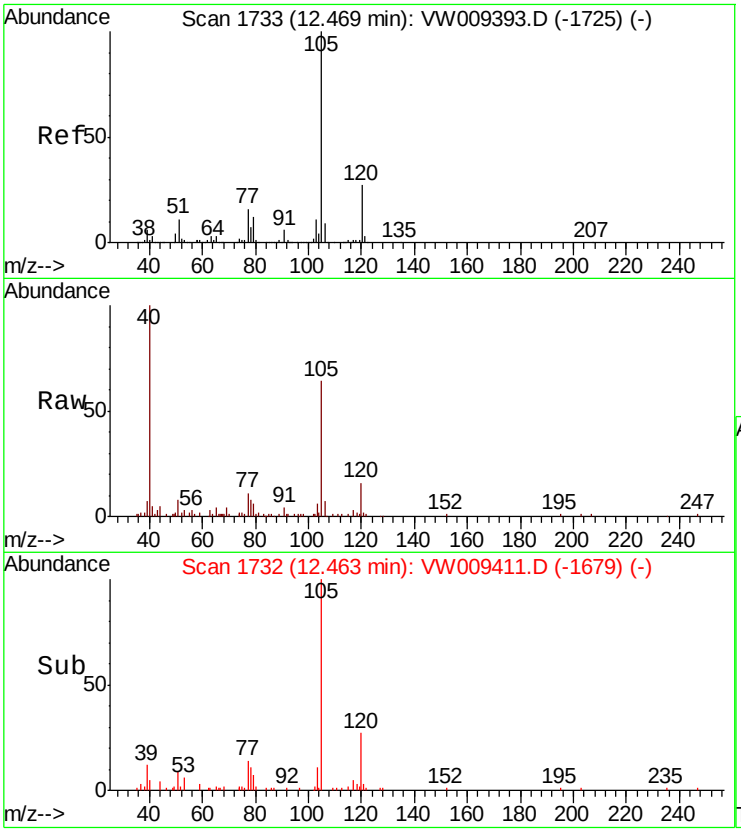


#55
o-xylene
Concen: 8.729 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009411.D
Acq: 24 Mar 2019 01:16

Tgt Ion:106 Resp: 31046

Ion	Ratio	Lower	Upper
106	100		
91	202.0	153.2	284.4

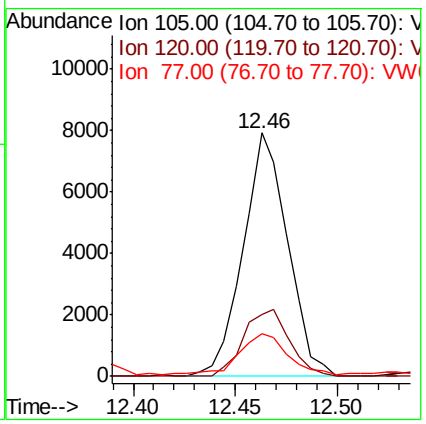




#57
Isopropylbenzene
Concen: 1.261 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW009411.D
Acq: 24 Mar 2019 01:16

Tgt Ion:105 Resp: 12018

Ion	Ratio	Lower	Upper
105	100		
120	28.1	21.3	31.9
77	17.9	13.1	19.7



Instrument :
MSVOA_W
ClientSampleId :
BF5S1RE

Manual Integrations APPROVED
MMDadoda
3/25/2019 8:33:43 AM