Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010214.D
Acq On : 30 Apr 2019 11:34
Operator : SY/VA
Sample : K2606-10RE
Misc : 4.86G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5144RE

Manual Integrations APPROVED
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5/2/2019 1:31:14 PM

Quant Time: May 01 08:57:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	545002	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423845	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127471	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	105464	17.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.20%			
7) Chloroethane-d5	2.89	69	98172	19.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.48%			
10) 1,1-Dichloroethene-d2	4.01	63	168736	12.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.08%			
20) 2-Butanone-d5	7.07	46	134856	59.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.28%			
24) Chloroform-d	7.65	84	296165	20.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.88%			
26) 1,2-Dichloroethane-d4	8.31	65	187285	23.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%			
29) Benzene-d6	8.27	84	505927	22.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.68%			
33) 1,2-Dichloropropane-d6	9.27	67	175136	24.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.24%			
37) Toluene-d8	10.32	98	485732	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.60%			
38) trans-1,3-Dichloropropene-	10.58	79	91326	27.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.20%			
39) 2-Hexanone-d5	10.93	63	138292	92.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 184.60%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166535	27.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	106546	22.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
13) Acetone	4.12	43	36450	20.226	ug/L	99
14) Carbon disulfide	4.38	76	99239	5.205	ug/L	97
21) 2-Butanone	7.17	43	16618m	6.575	ug/L	
34) Benzene	8.32	78	123997	5.213	ug/L	100
44) Toluene	10.39	91	232078	9.117	ug/L	98
53) Ethylbenzene	11.73	91	28558	0.991	ug/L	90
54) m,p-Xylene	11.83	106	20010	1.845	ug/L	95
55) o-xylene	12.17	106	8857	0.864	ug/L	96

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

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Instrument :
MSVOA_W
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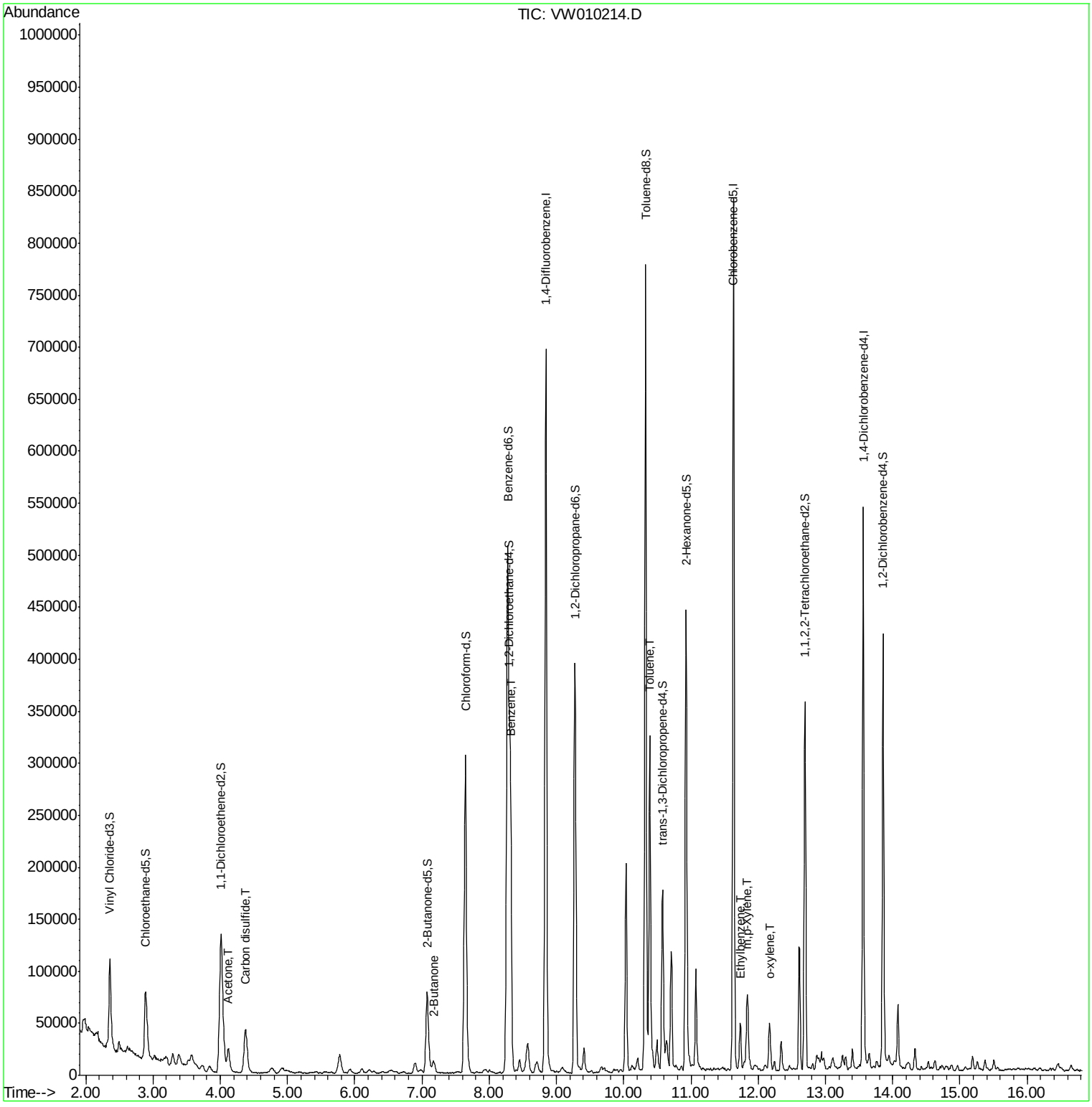
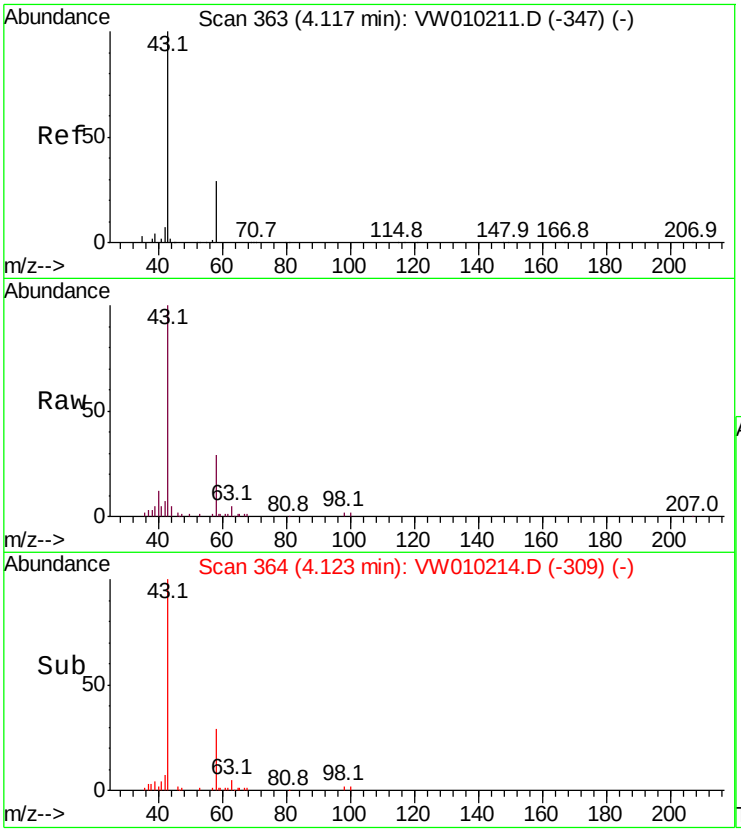
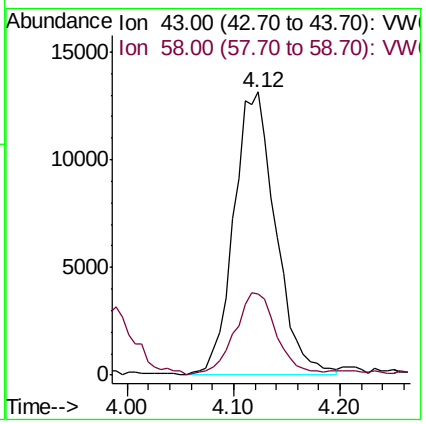




#13
Acetone
Concen: 20.226 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

Tgt Ion: 43 Resp: 36450

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	59.8



Instrument :
MSVOA_W
ClientSampleId :
A5144RE

Manual Integrations APPROVED
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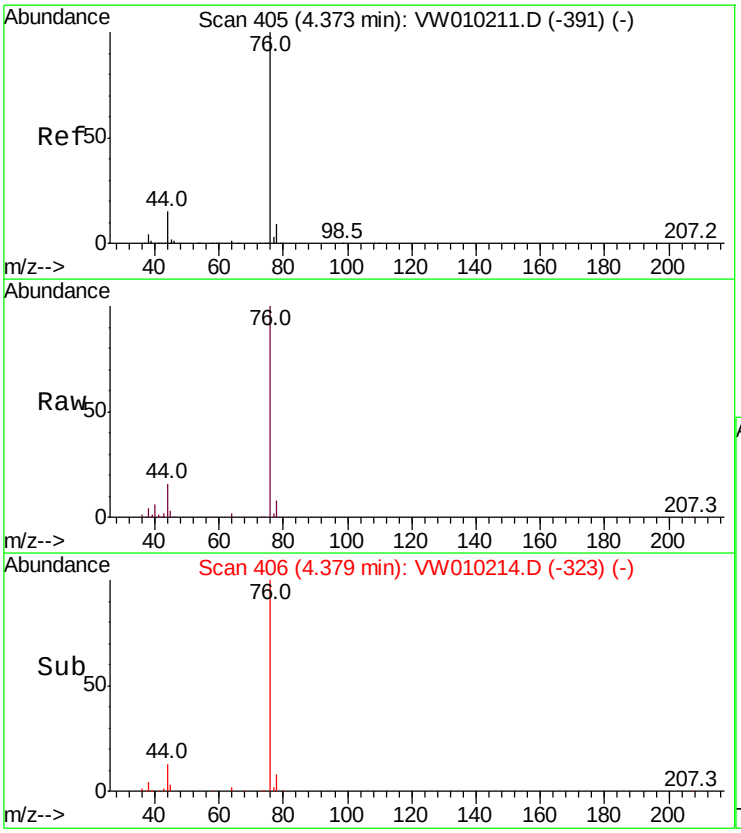
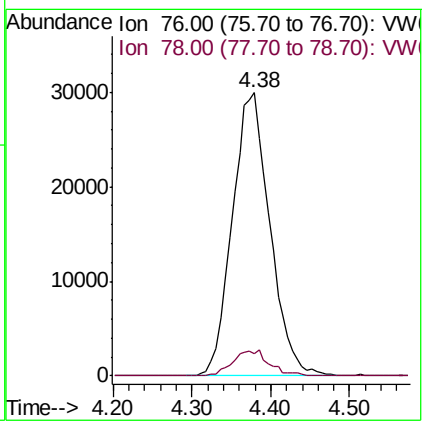
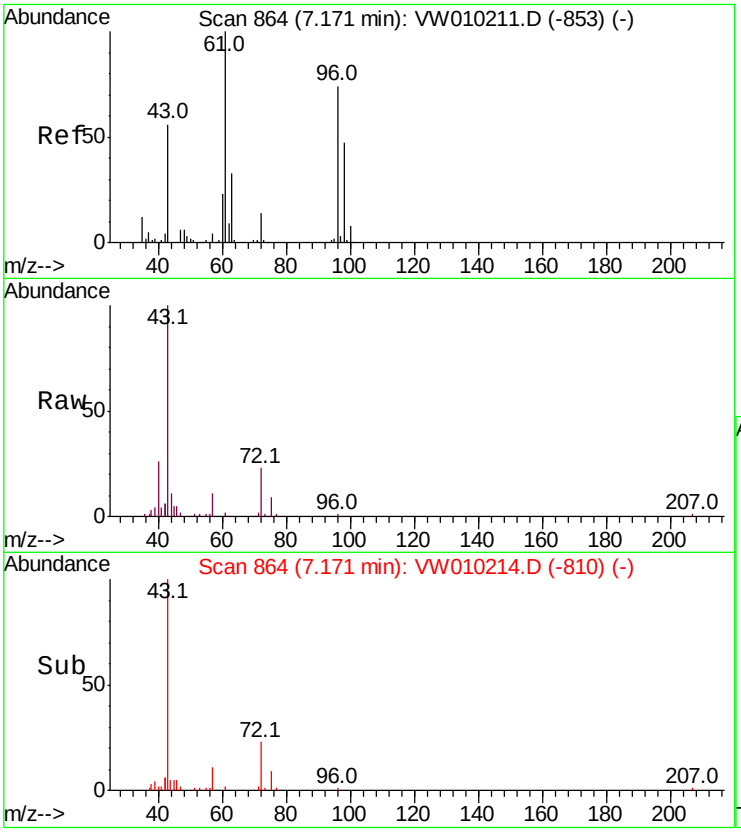


#14
Carbon disulfide
Concen: 5.205 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

Tgt Ion: 76 Resp: 99239

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.3	10.9

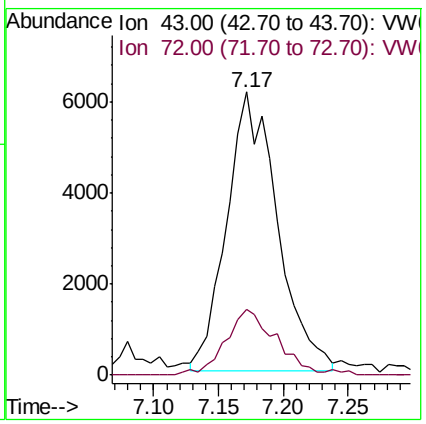




#21
2-Butanone
Concen: 6.575 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

Tgt Ion: 43 Resp: 16618

Ion	Ratio	Lower	Upper
43	100		
72	22.7	12.8	38.3



Instrument :
MSVOA_W
ClientSampleId :
A5144RE

Manual Integrations APPROVED
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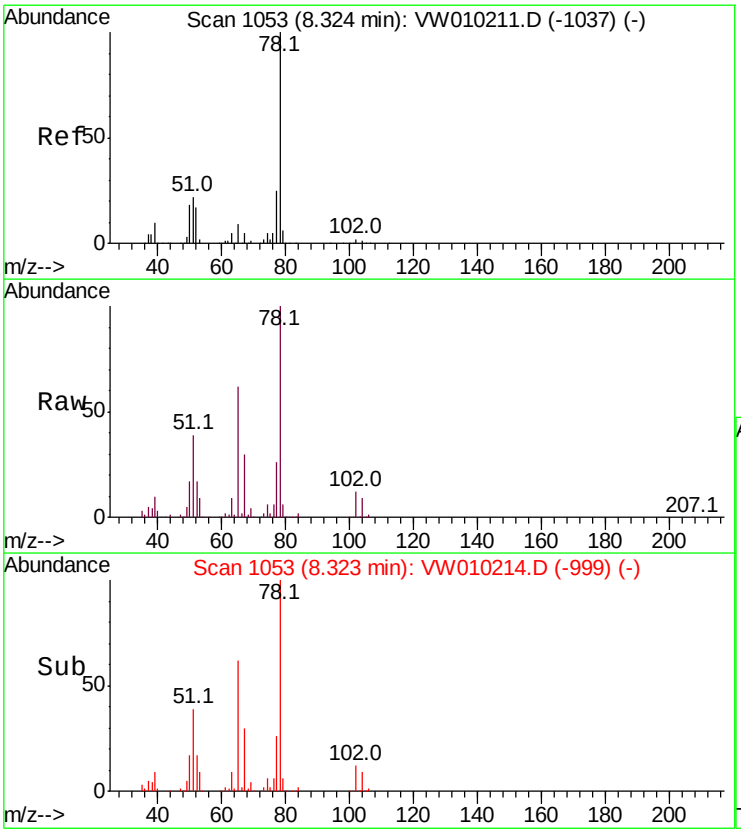
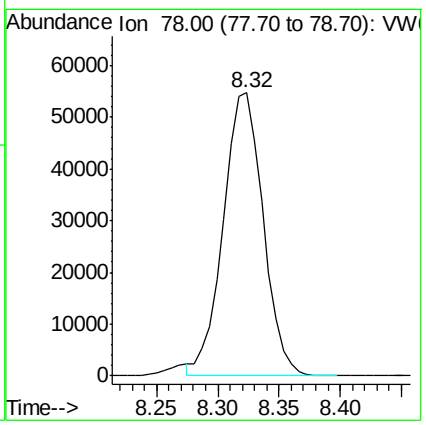
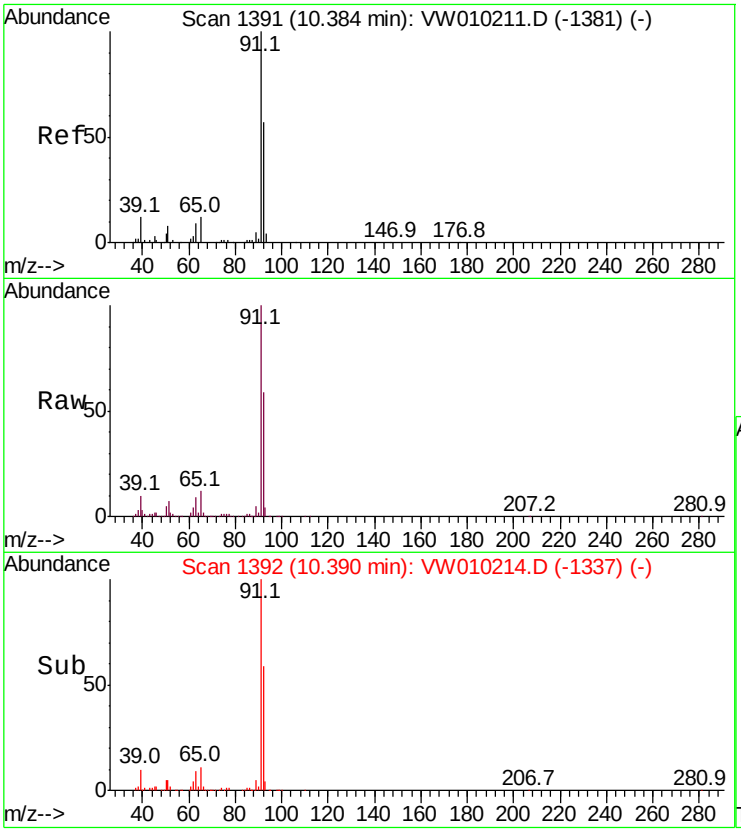


#34
Benzene
Concen: 5.213 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

Tgt Ion: 78 Resp: 123997





#44
Toluene
Concen: 9.117 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

Tgt Ion: 91 Resp: 232078

Ion	Ratio	Lower	Upper
91	100		
92	59.1	40.4	75.0

Instrument :
MSVOA_W
ClientSampleId :
A5144RE

Manual Integrations APPROVED
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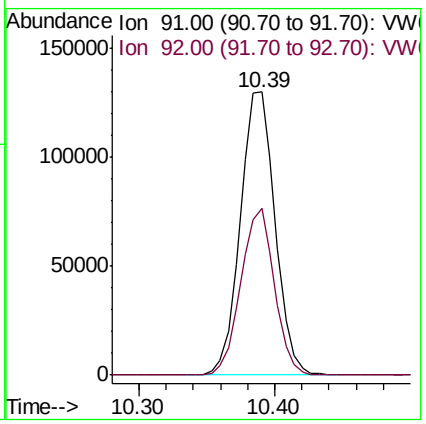
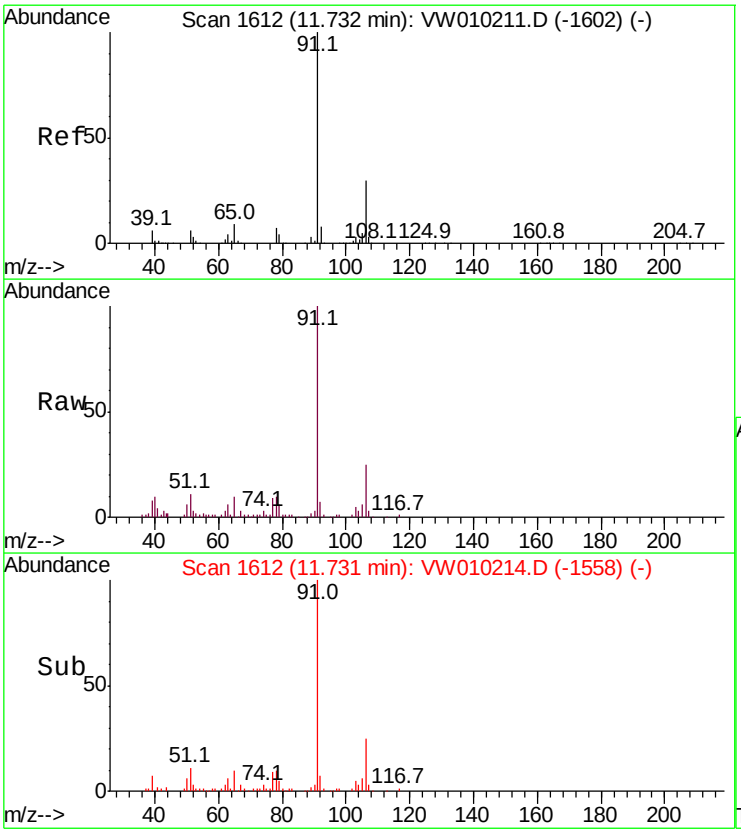
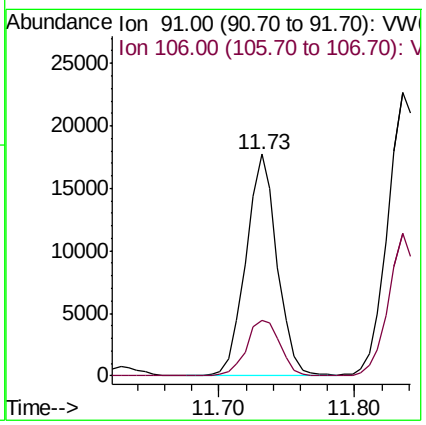


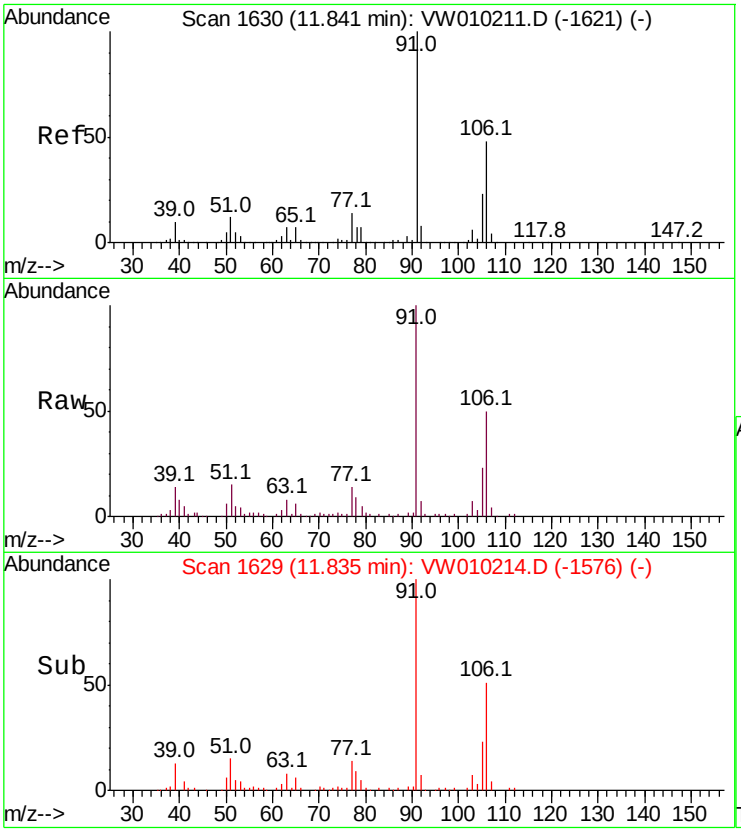


#53
Ethylbenzene
Concen: 0.991 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

Tgt Ion: 91 Resp: 28558

Ion	Ratio	Lower	Upper
91	100		
106	24.8	21.3	39.6





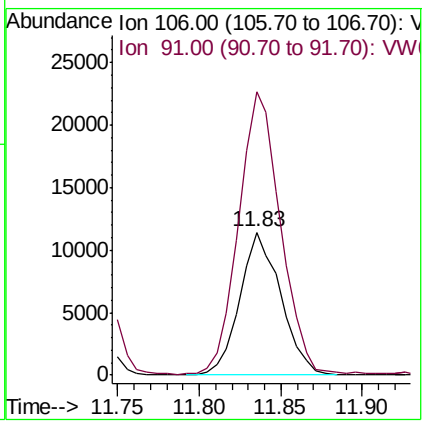
#54
m,p-Xylene
Concen: 1.845 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

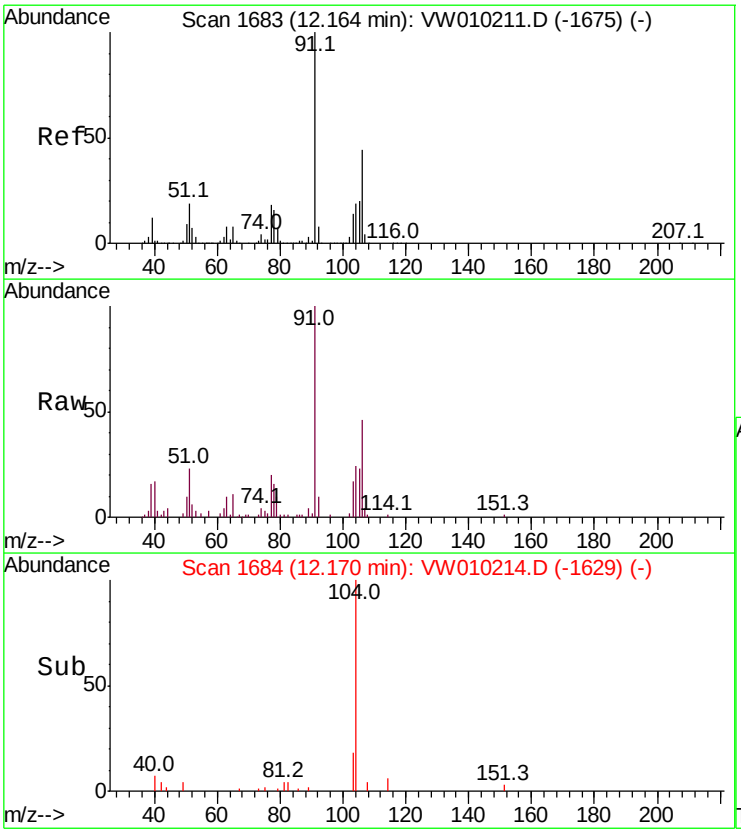
Tgt Ion:106 Resp: 20010

Ion	Ratio	Lower	Upper
106	100		
91	198.4	143.8	267.0

Instrument :
MSVOA_W
ClientSampleId :
A5144RE

Manual Integrations APPROVED
MMDadoda
5/2/2019 1:31:14 PM





#55
o-xylene
Concen: 0.864 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW010214.D
Acq: 30 Apr 2019 11:34

Tgt Ion:106 Resp: 8857

Ion	Ratio	Lower	Upper
106	100		
91	216.0	156.2	290.2