Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014389.D
Acq On : 17 Dec 2019 13:44
Operator : SY/VA
Sample : K6270-09
Misc : 4.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK85

Manual Integrations APPROVED
MMDadoda
12/18/2019 3:30:40 PM

Quant Time: Dec 18 02:03:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 01:35:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1184564	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1070468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	468000	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	352551	19.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.60%			
7) Chloroethane-d5	2.89	69	295303	22.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.56%			
10) 1,1-Dichloroethene-d2	4.02	63	525903m	16.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.40%			
20) 2-Butanone-d5	7.07	46	223940	47.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.82%			
24) Chloroform-d	7.65	84	739548m	24.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.08%			
26) 1,2-Dichloroethane-d4	8.31	65	399928m	25.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.16%			
29) Benzene-d6	8.27	84	1542684	24.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.36%			
33) 1,2-Dichloropropane-d6	9.27	67	487854	25.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.12%			
37) Toluene-d8	10.32	98	1358599	23.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.80%			
38) trans-1,3-Dichloropropene-	10.58	79	185408	22.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.60%			
39) 2-Hexanone-d5	10.92	63	188726	49.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373684	23.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.04%			
61) 1,2-Dichlorobenzene-d4	13.85	152	449305	25.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.48%			
Target Compounds						Qvalue
13) Acetone	4.12	43	27577	6.119	ug/L	96
30) Cyclohexane	7.96	56	22318	0.835	ug/L	86
34) Benzene	8.32	78	115128m	1.699	ug/L	
36) Methylcyclohexane	9.33	83	37539	1.288	ug/L	95
44) Toluene	10.38	91	288547	4.061	ug/L	98
53) Ethylbenzene	11.73	91	81246	1.054	ug/L	94
54) m,p-Xylene	11.83	106	50412	1.700	ug/L	91
55) o-xylene	12.16	106	19804	0.704	ug/L	89

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

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Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations APPROVED
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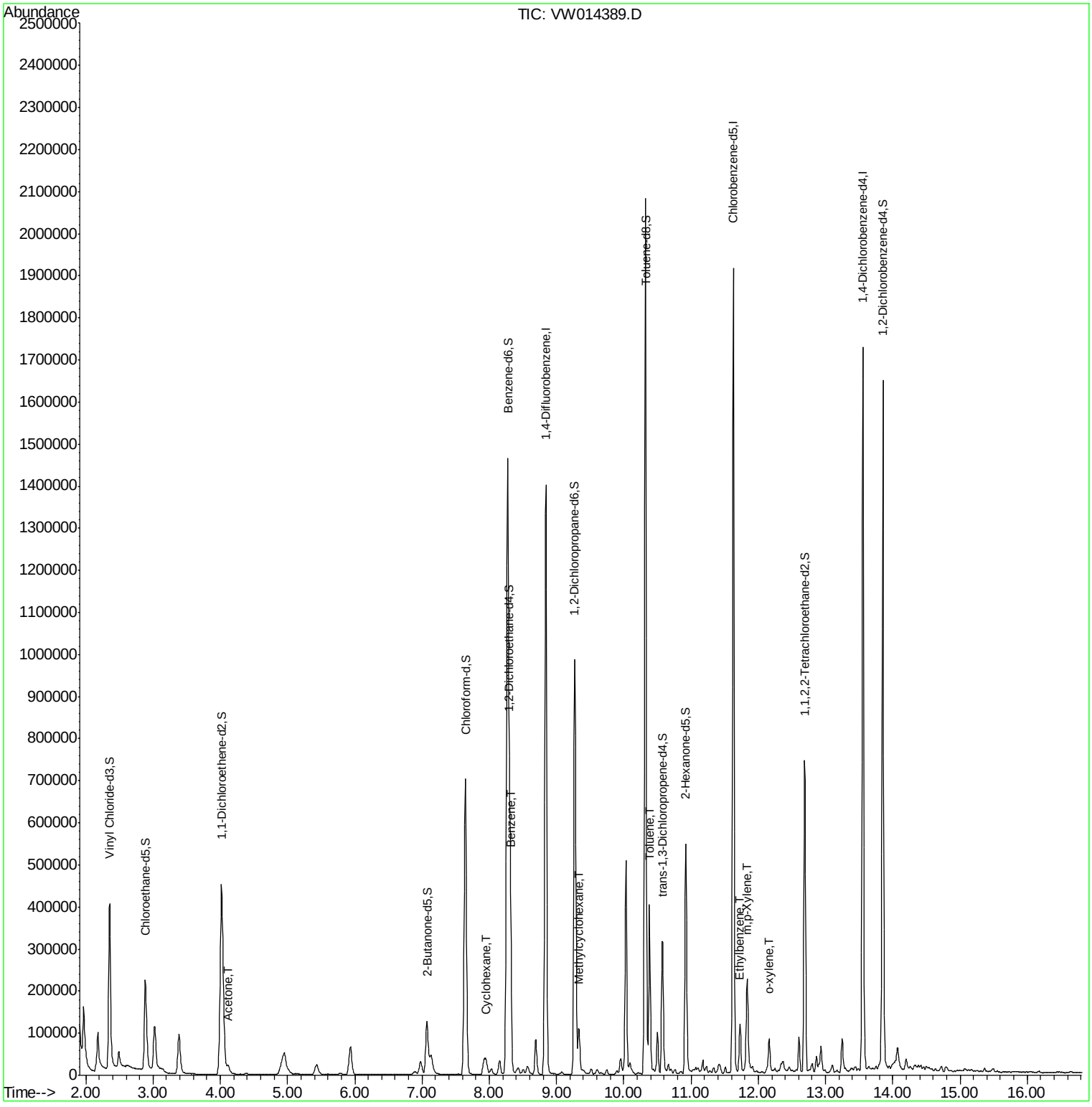
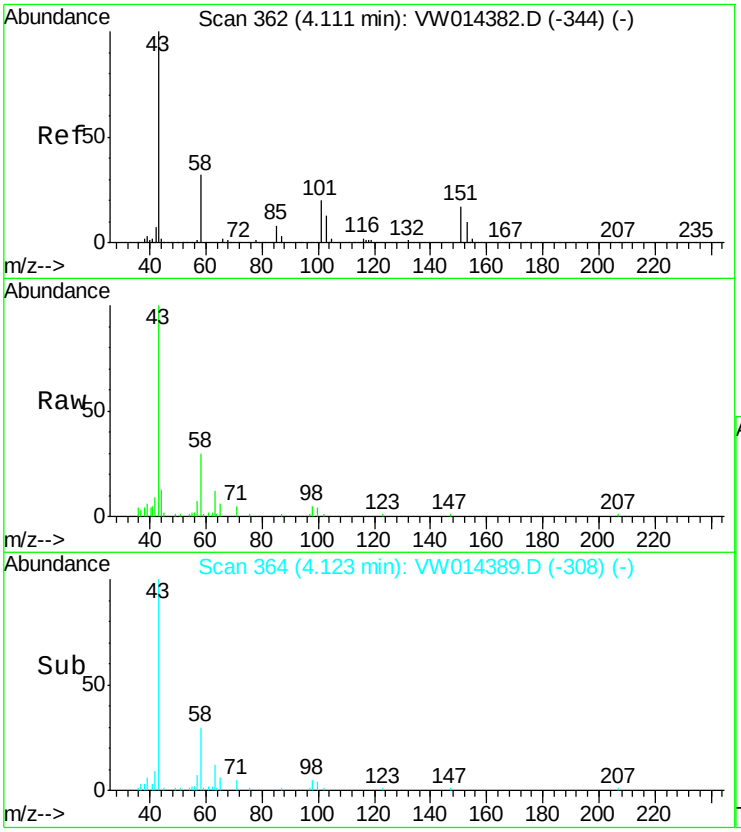
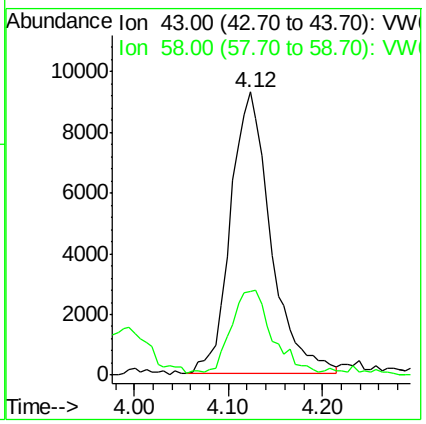




#13
Acetone
Concen: 6.119 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 43 Resp: 27577

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	65.4



Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations APPROVED
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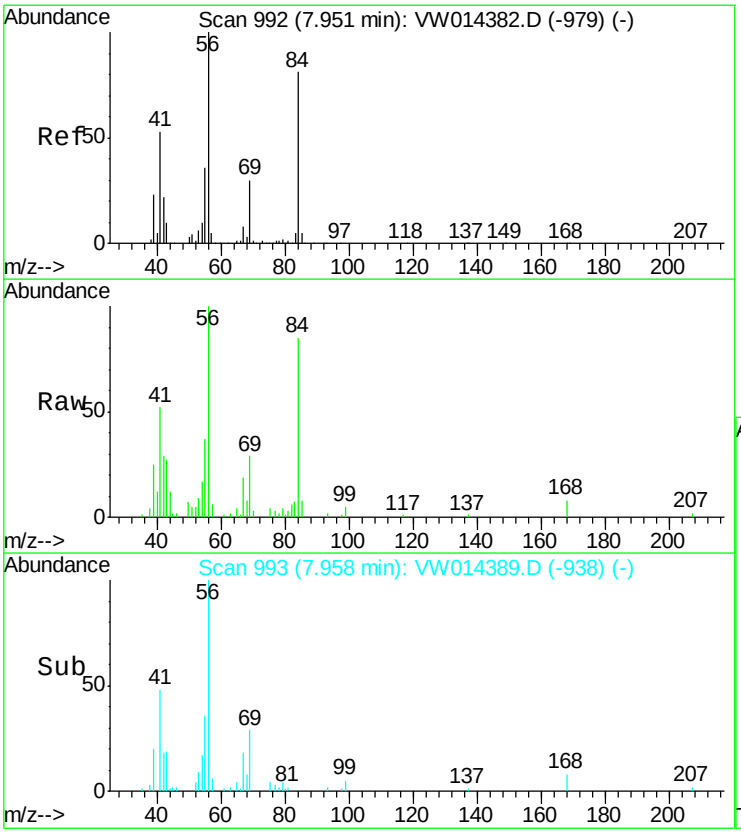
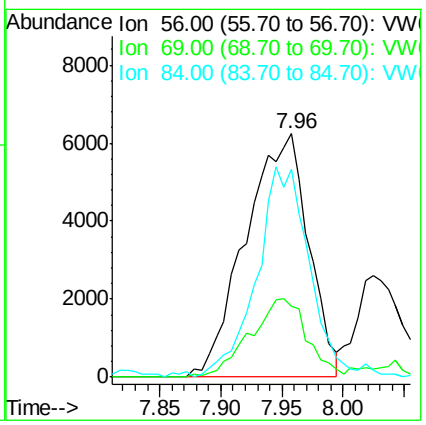
12/18/2019 3:30:40 PM

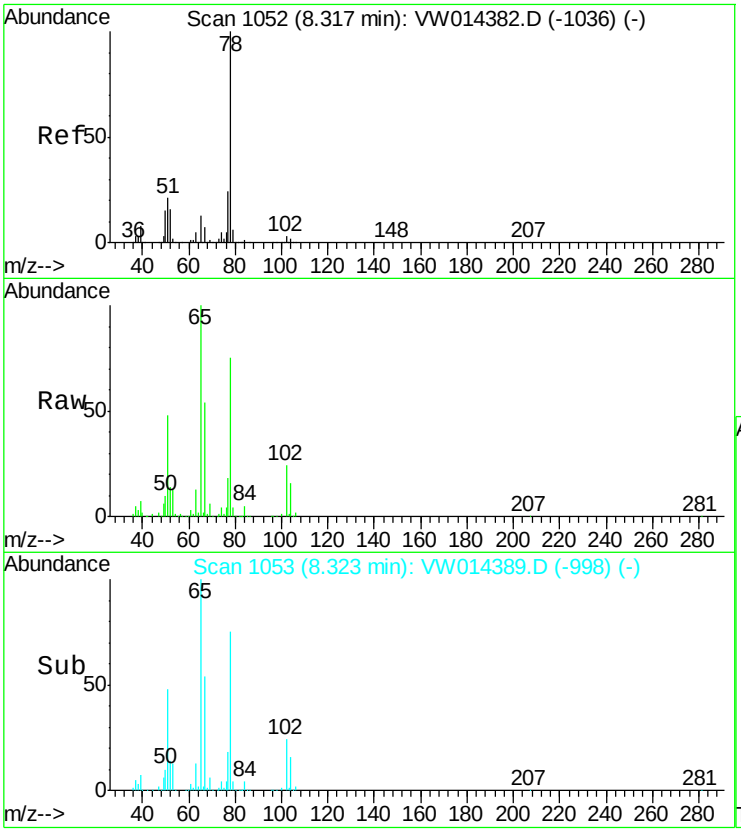


#30
Cyclohexane
Concen: 0.835 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 56 Resp: 22318

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.6	37.0
84	71.7	70.2	105.2





#34
Benzene
Concen: 1.699 ug/L m
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 78 Resp: 115128

Instrument :
MSVOA_W
ClientSampleId :
ETK85

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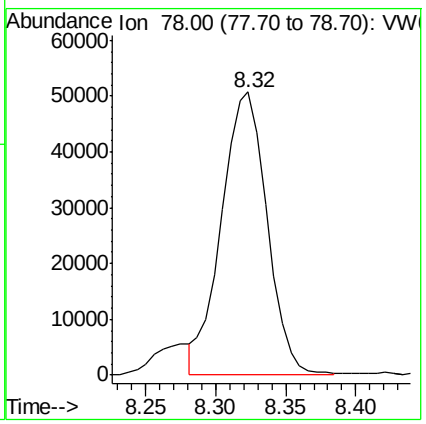
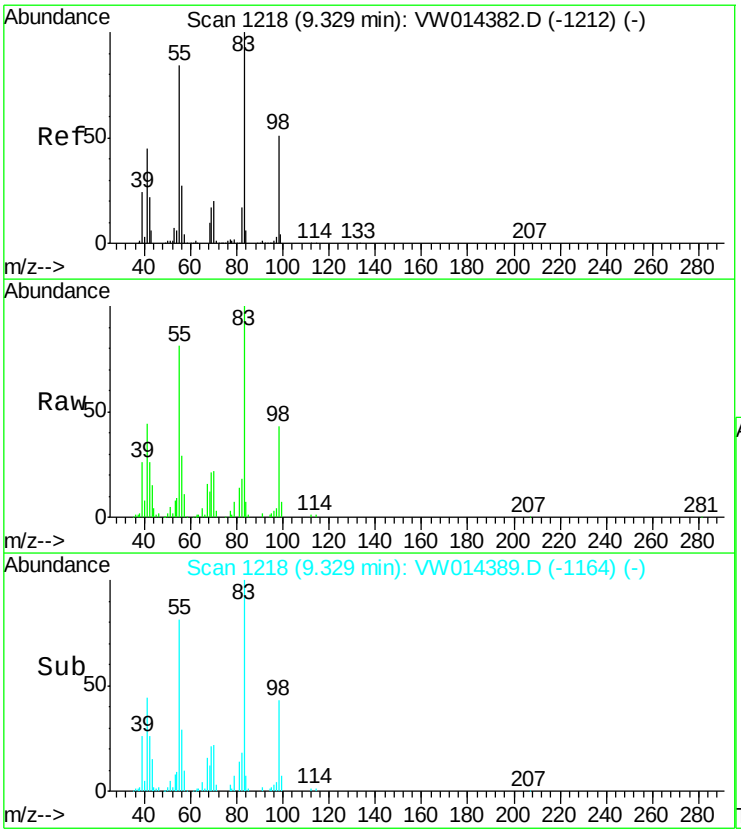
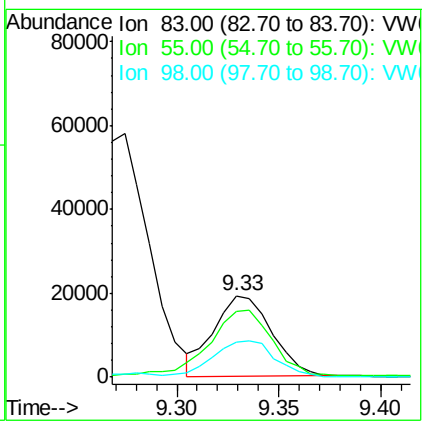


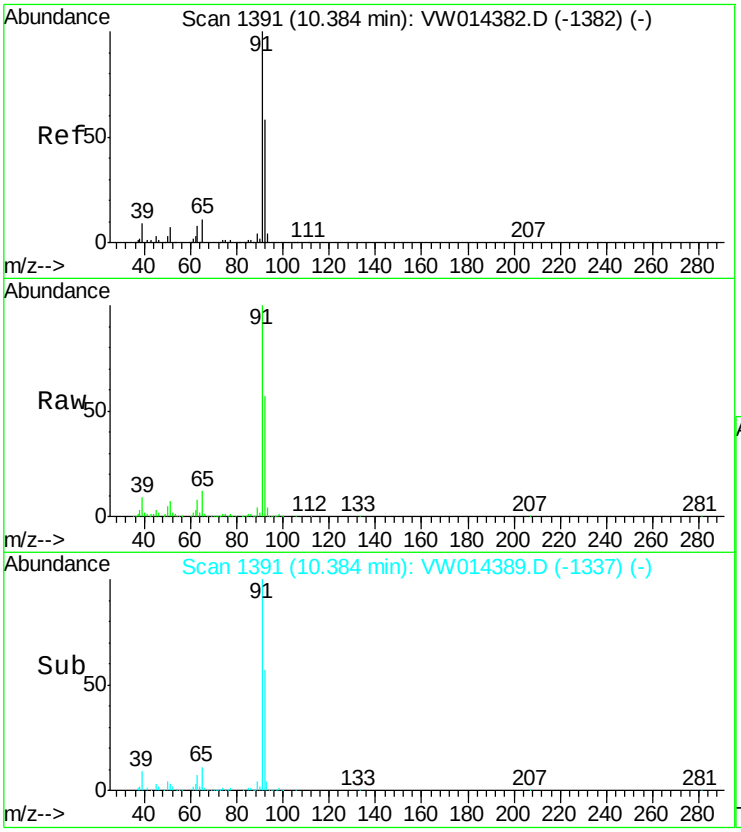


#36
Methylcyclohexane
Concen: 1.288 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 83 Resp: 37539

Ion	Ratio	Lower	Upper
83	100		
55	82.2	59.8	89.8
98	49.1	39.5	59.3

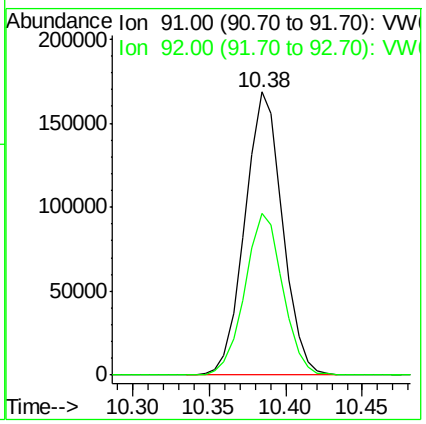




#44
Toluene
Concen: 4.061 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 91 Resp: 288547

Ion	Ratio	Lower	Upper
91	100		
92	57.1	40.7	75.7



Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations APPROVED
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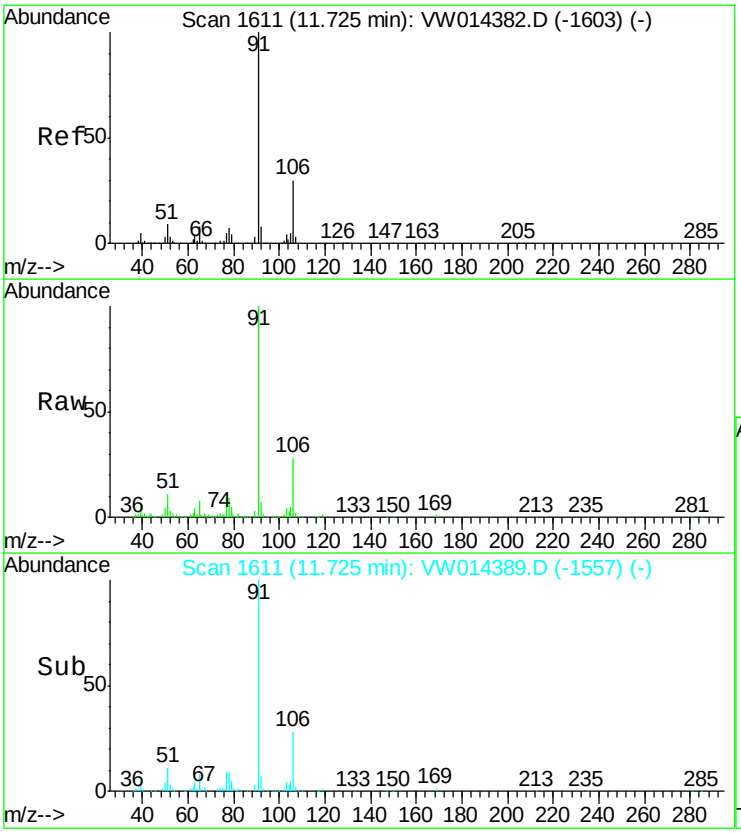
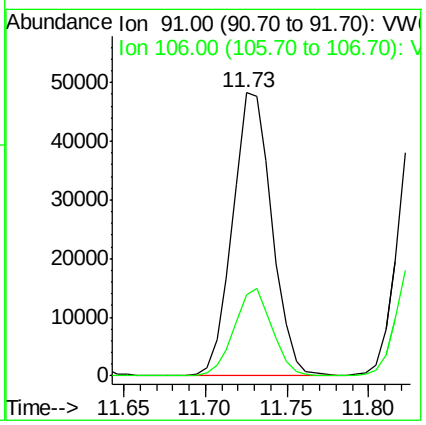
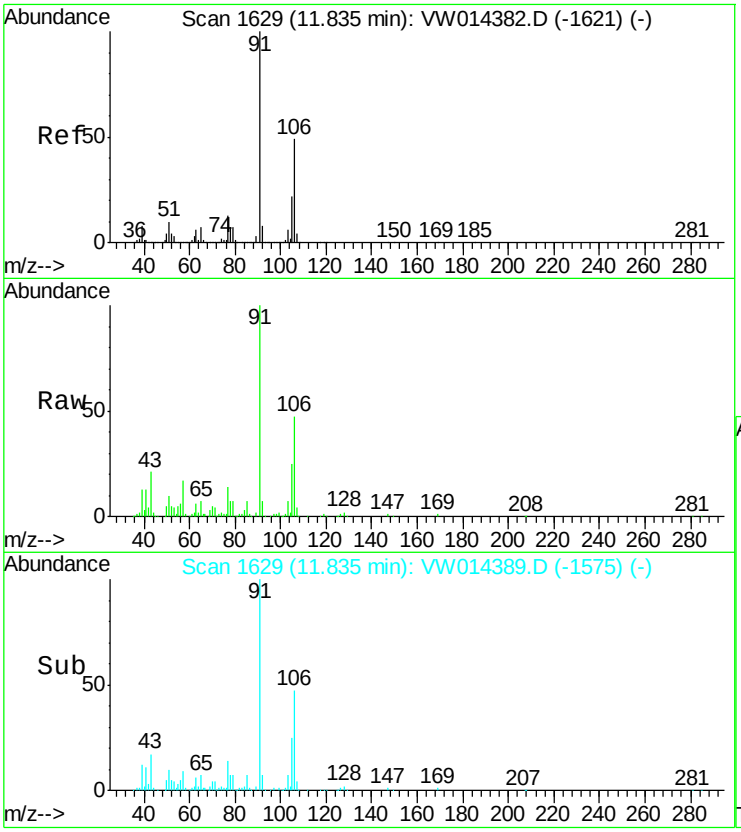


#53
Ethylbenzene
Concen: 1.054 ug/L
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion: 91 Resp: 81246

Ion	Ratio	Lower	Upper
91	100		
106	28.4	22.3	41.5





#54
m,p-Xylene
Concen: 1.700 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion:106 Resp: 50412

Ion	Ratio	Lower	Upper
106	100		
91	211.3	138.7	257.5

Instrument :
MSVOA_W
ClientSampleId :
ETK85

Manual Integrations APPROVED
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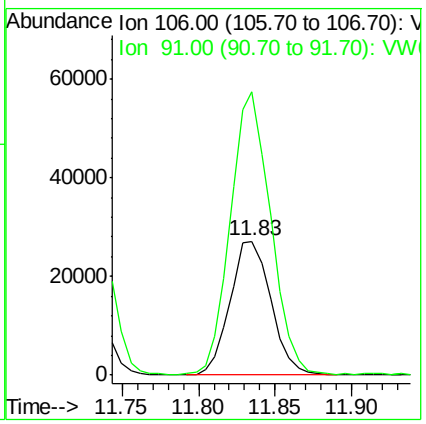
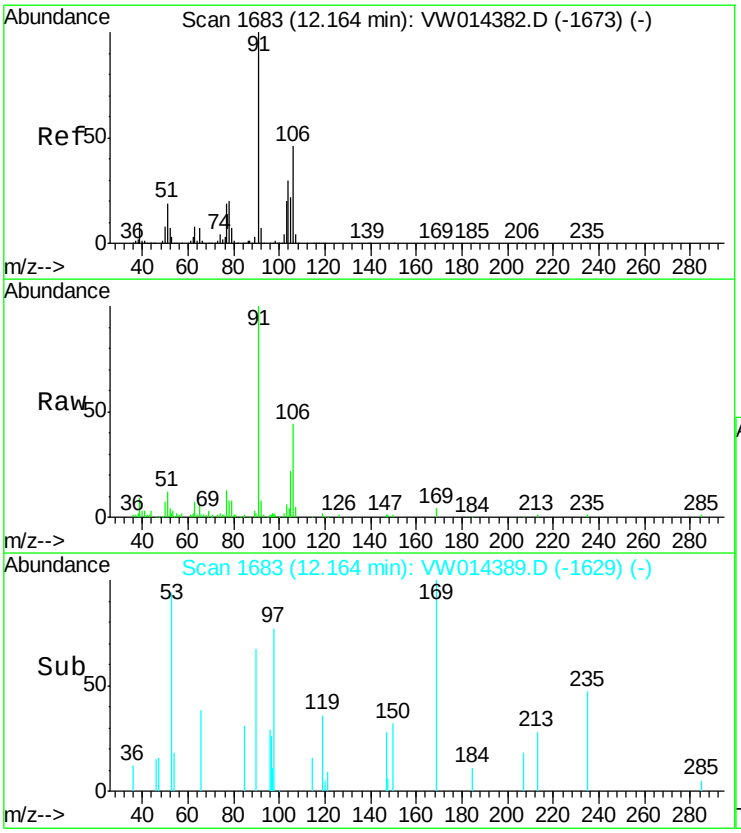
12/18/2019 3:30:40 PM





#55
o-xylene
Concen: 0.704 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014389.D
Acq: 17 Dec 2019 13:44

Tgt Ion:106 Resp: 19804

Ion	Ratio	Lower	Upper
106	100		
91	229.6	148.3	275.5