Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Data File : VW014354.D
Acq On : 13 Dec 2019 17:15
Operator : SY/VA
Sample : K6270-05
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK83

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Quant Time: Dec 14 05:48:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1322588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1190826	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	536684	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	353504	17.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.60%			
7) Chloroethane-d5	2.89	69	282859	18.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.96%			
10) 1,1-Dichloroethene-d2	4.01	63	501040	14.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.64%			
20) 2-Butanone-d5	7.07	46	259269	49.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.36%			
24) Chloroform-d	7.64	84	694901	20.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.56%			
26) 1,2-Dichloroethane-d4	8.30	65	399620	22.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.52%			
29) Benzene-d6	8.27	84	1447525	20.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.96%			
33) 1,2-Dichloropropane-d6	9.27	67	460633	21.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.80%			
37) Toluene-d8	10.32	98	1256237	19.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.64%			
38) trans-1,3-Dichloropropene-	10.57	79	184774	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.04%			
39) 2-Hexanone-d5	10.92	63	223056	52.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.48%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	406749	23.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.00%			
61) 1,2-Dichlorobenzene-d4	13.85	152	425249	20.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.96%			
Target Compounds						Qvalue
13) Acetone	4.11	43	25565m	5.081	ug/L	
30) Cyclohexane	7.95	56	22924m	0.771	ug/L	
34) Benzene	8.32	78	76295	1.012	ug/L	100
44) Toluene	10.38	91	201368	2.547	ug/L	100
53) Ethylbenzene	11.73	91	68839	0.803	ug/L	91
54) m,p-Xylene	11.83	106	39209	1.188	ug/L	96
55) o-xylene	12.16	106	16021	0.512	ug/L	93

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

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Instrument :
MSVOA_W
ClientSampleId :
ETK83

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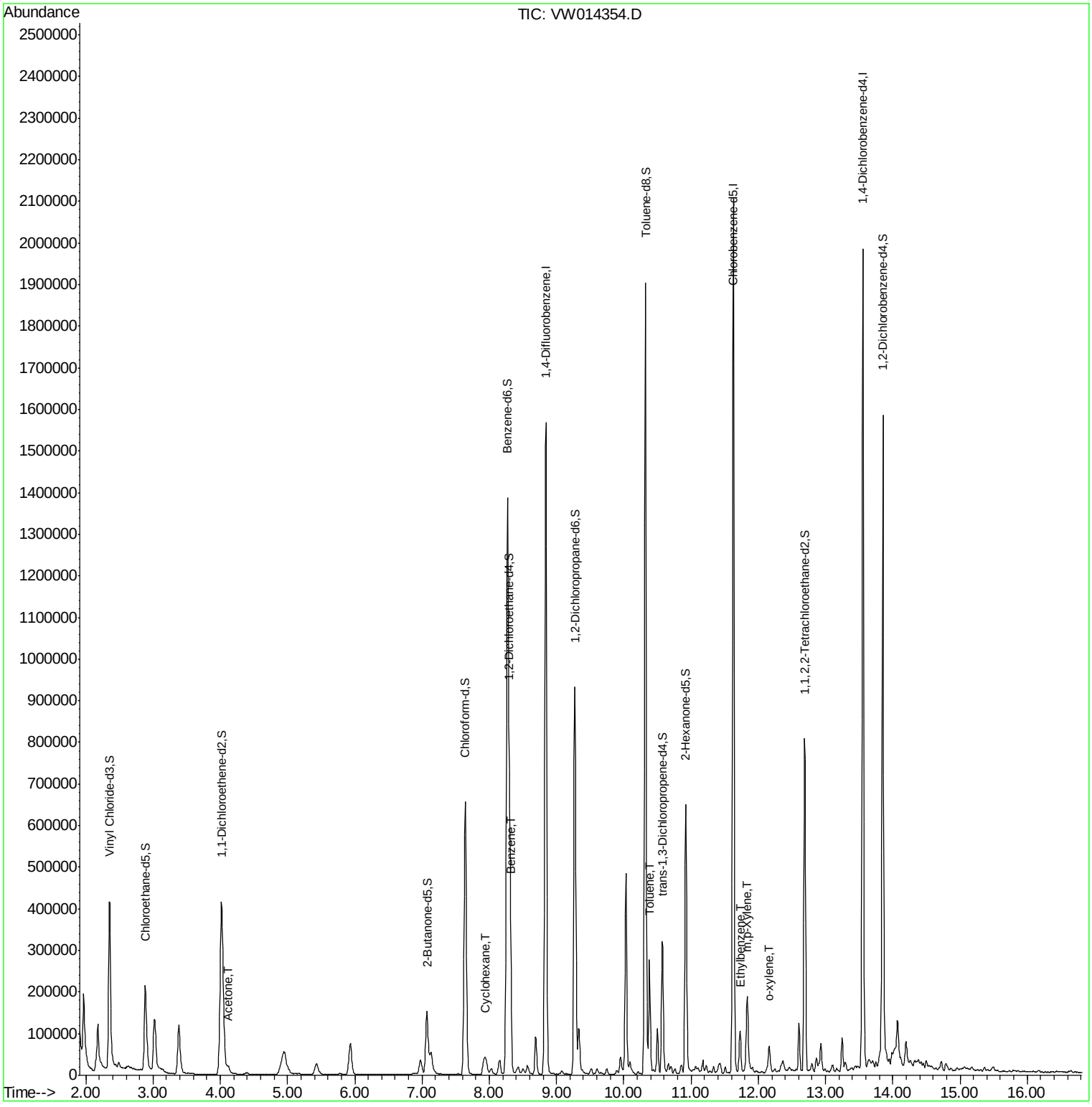

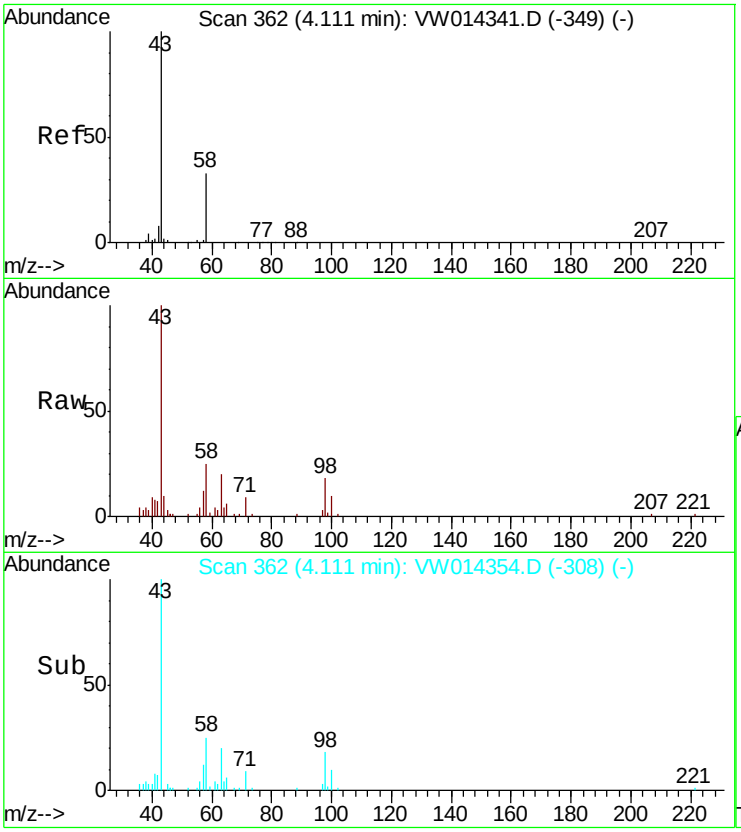

#13
Acetone
Concen: 5.081 ug/L m
RT: 4.11 min Scan# 362
Delta R.T. -0.00 min
Lab File: VW014354.D
Acq: 13 Dec 2019 17:15

Tgt Ion: 43 Resp: 25565

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	65.4

Instrument :
MSVOA_W
ClientSampleId :
ETK83

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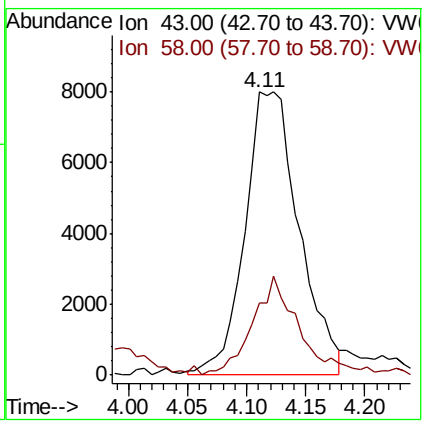
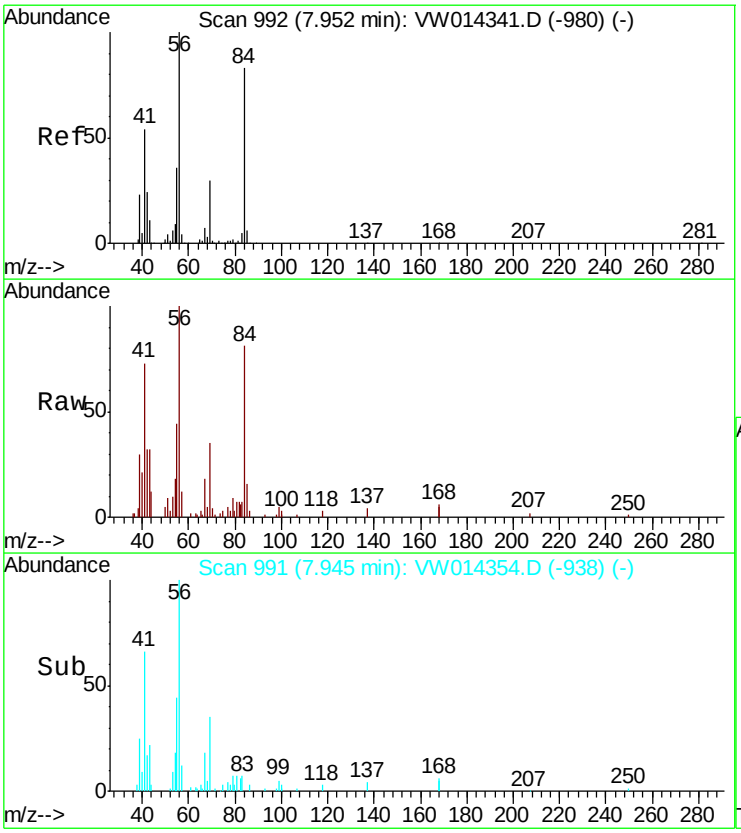
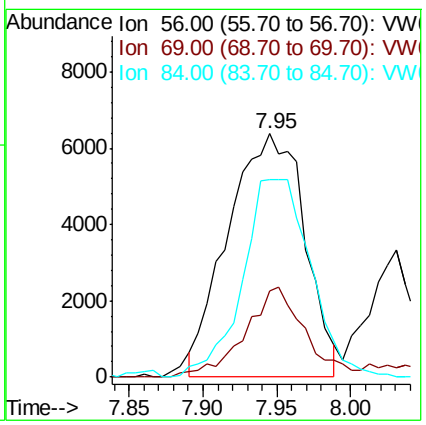


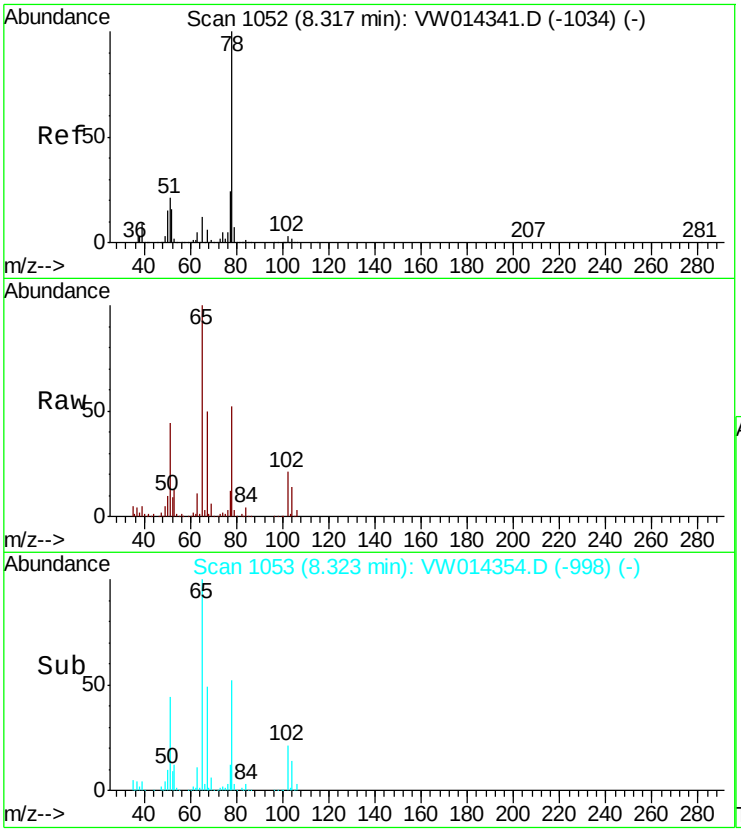


#30
Cyclohexane
Concen: 0.771 ug/L m
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014354.D
Acq: 13 Dec 2019 17:15

Tgt Ion: 56 Resp: 22924

Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.6	37.0
84	0.9	70.2	105.2#





#34
Benzene
Concen: 1.012 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014354.D
Acq: 13 Dec 2019 17:15

Tgt Ion: 78 Resp: 76295

Instrument :
MSVOA_W
ClientSampleId :
ETK83

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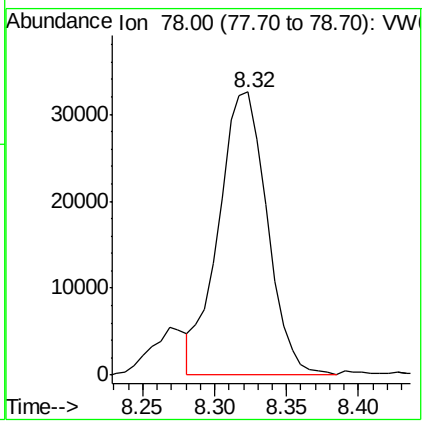
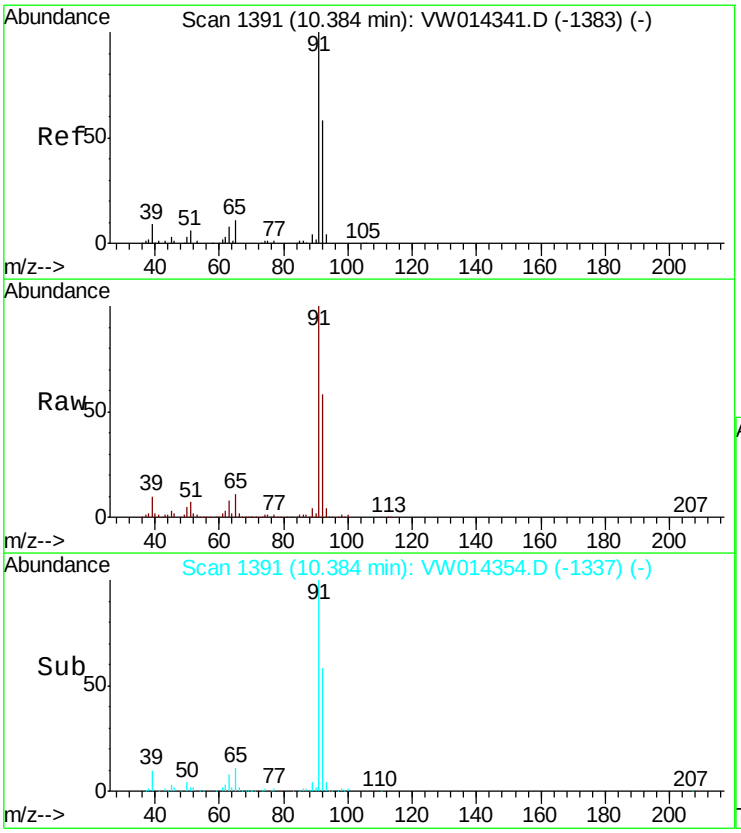
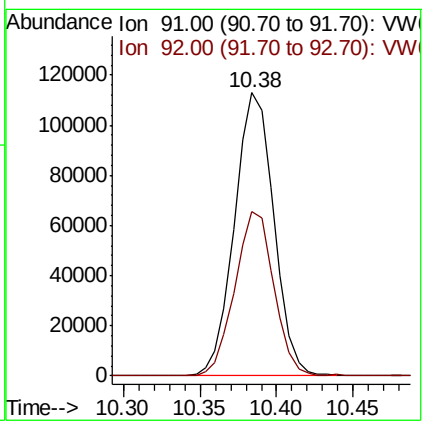


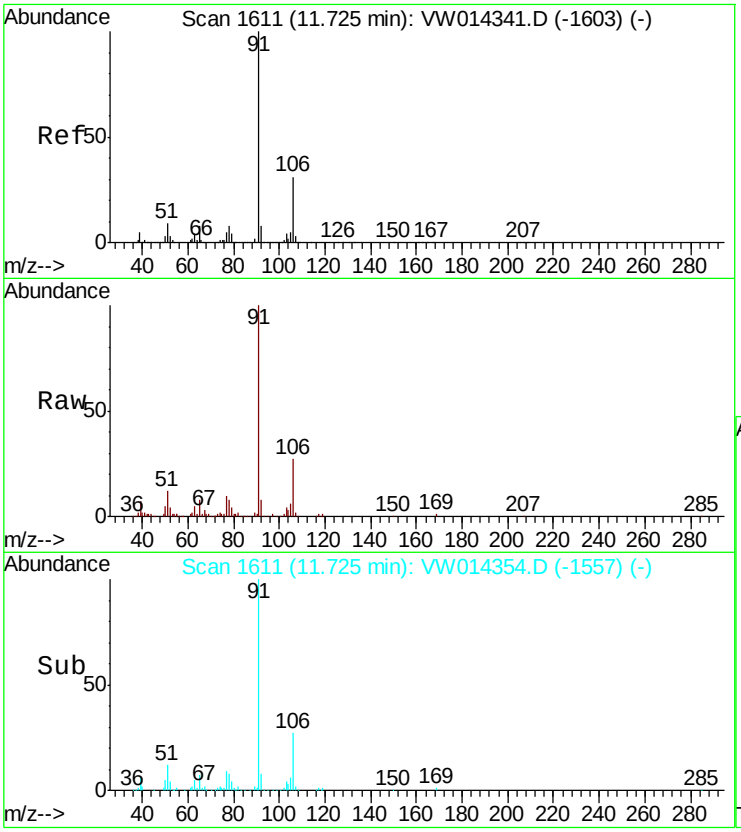


#44
Toluene
Concen: 2.547 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014354.D
Acq: 13 Dec 2019 17:15

Tgt Ion: 91 Resp: 201368

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.7	75.7





#53
Ethylbenzene
Concen: 0.803 ug/L
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014354.D
Acq: 13 Dec 2019 17:15

Tgt Ion: 91 Resp: 68839

Ion	Ratio	Lower	Upper
91	100		
106	26.7	22.3	41.5

Instrument :
MSVOA_W
ClientSampleId :
ETK83

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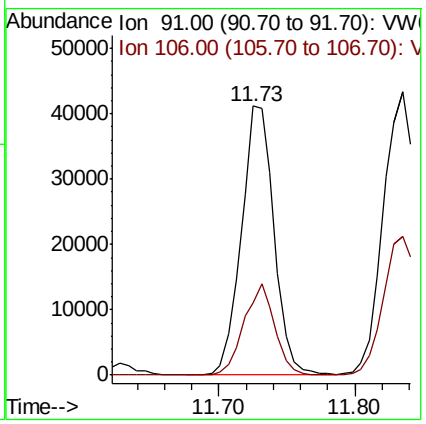
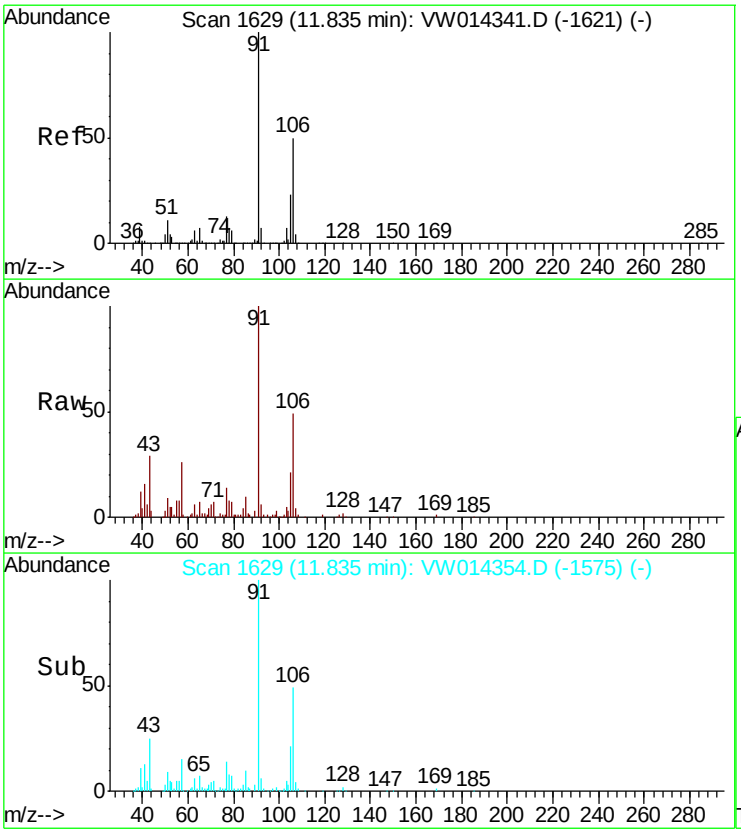
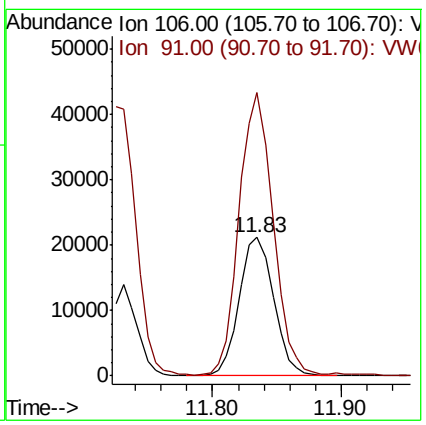


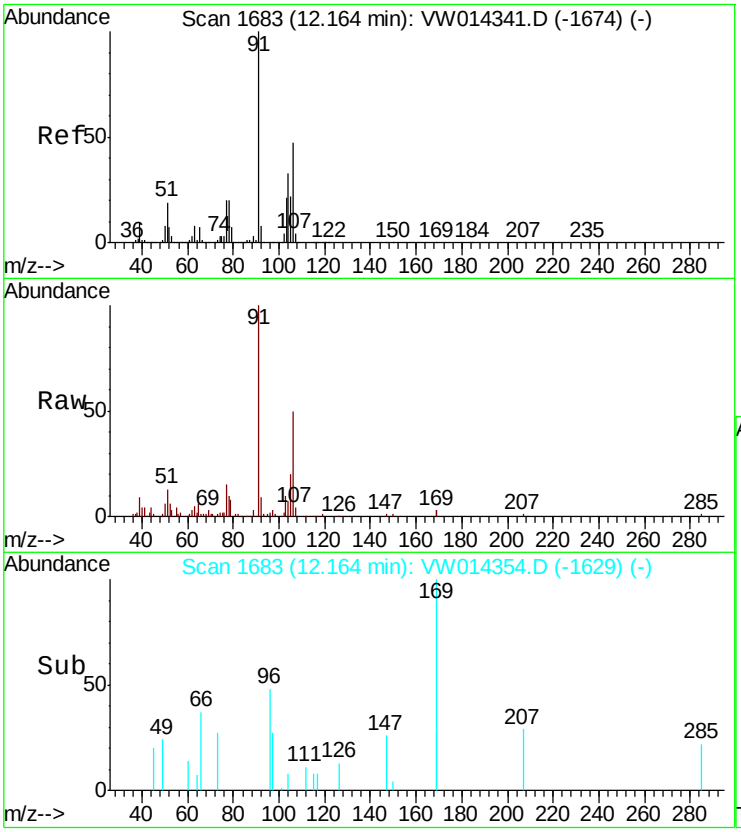


#54
m,p-Xylene
Concen: 1.188 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014354.D
Acq: 13 Dec 2019 17:15

Tgt Ion:106 Resp: 39209

Ion	Ratio	Lower	Upper
106	100		
91	204.8	138.7	257.5

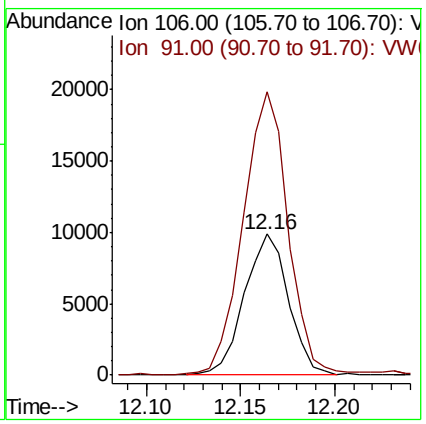




#55
o-xylene
Concen: 0.512 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014354.D
Acq: 13 Dec 2019 17:15

Tgt Ion:106 Resp: 16021

Ion	Ratio	Lower	Upper
106	100		
91	200.5	148.3	275.5



Instrument :
MSVOA_W
ClientSampleId :
ETK83

Manual Integrations APPROVED
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