Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\

Quantitation Report (Not Reviewed)

Data File : VW014351.D
Acq On : 13 Dec 2019 15:56
Operator : SY/VA
Sample : K6270-02
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK80

Quant Time: Dec 14 04:31:58 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	1263480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1146405	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	509424	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	360288	18.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.32%			
7) Chloroethane-d5	2.89	69	287453	20.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.84%			
10) 1,1-Dichloroethene-d2	4.02	63	514559	15.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.92%			
20) 2-Butanone-d5	7.07	46	279930	56.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.30%			
24) Chloroform-d	7.64	84	719335	22.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.44%			
26) 1,2-Dichloroethane-d4	8.23	65	150	0.01	ug/L	-0.07
Spiked Amount 25.000	Range 70 - 130		Recovery = 0.04%#			
29) Benzene-d6	8.27	84	1489137	22.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.64%			
33) 1,2-Dichloropropane-d6	9.27	67	481347	23.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.16%			
37) Toluene-d8	10.32	98	1317399	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.72%			
38) trans-1,3-Dichloropropene-	10.57	79	196778	22.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.76%			
39) 2-Hexanone-d5	10.92	63	241450	58.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.48%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	439619	26.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	454878	23.37	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.48%			

Target Compounds						Qvalue
13) Acetone	4.12	43	29532	6.144	ug/L	97
30) Cyclohexane	7.95	56	23881	0.835	ug/L #	60
34) Benzene	8.32	78	85965	1.184	ug/L	100
44) Toluene	10.38	91	203580	2.675	ug/L	98
49) 2-Hexanone	10.93	43	33857	3.867	ug/L #	60
53) Ethylbenzene	11.73	91	65124	0.789	ug/L	98
54) m,p-Xylene	11.83	106	39078	1.230	ug/L	96
55) o-xylene	12.16	106	15055	0.500	ug/L	97

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

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ETK80

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QLast Update : Sat Dec 14 04:28:18 2019
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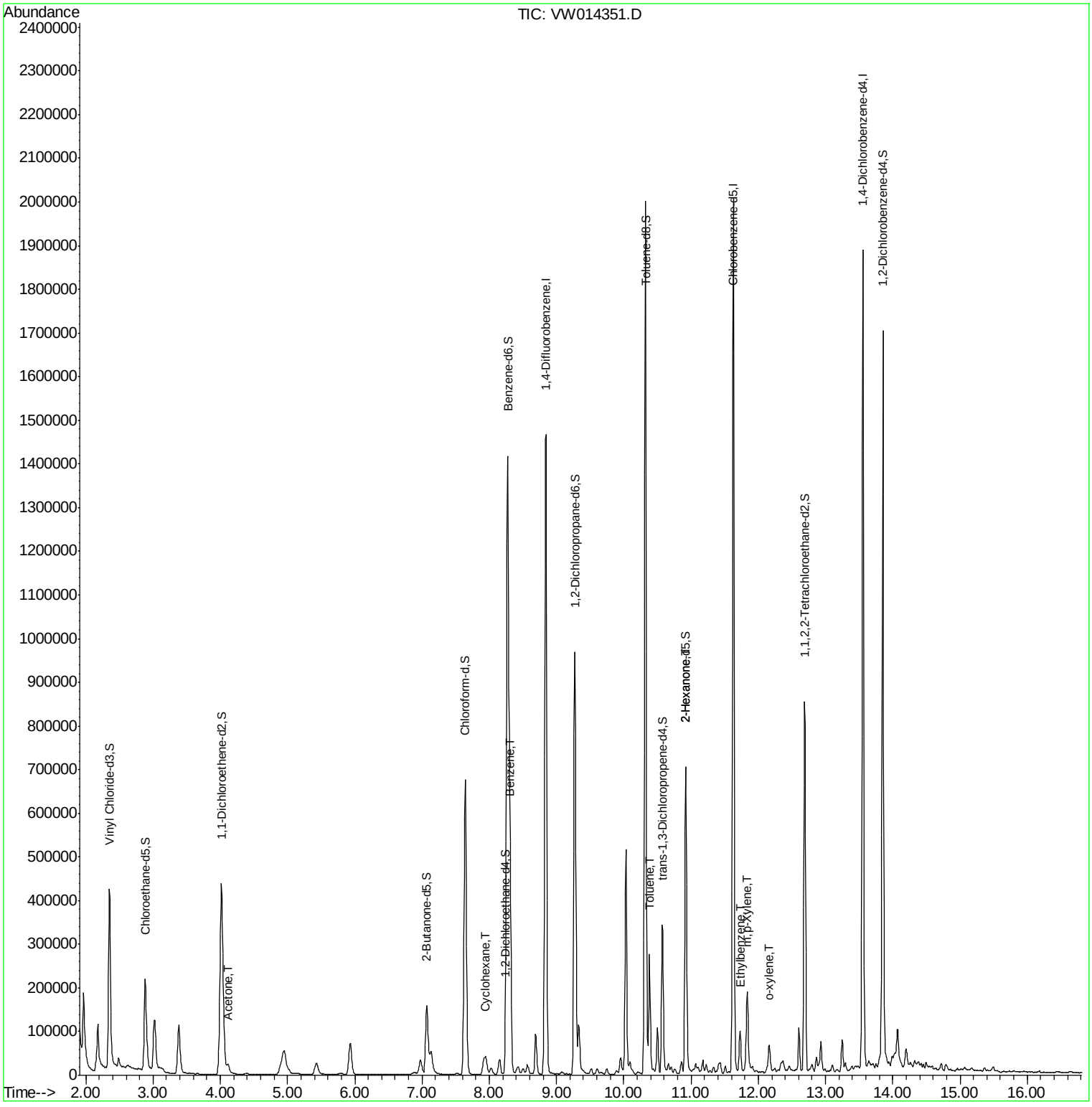
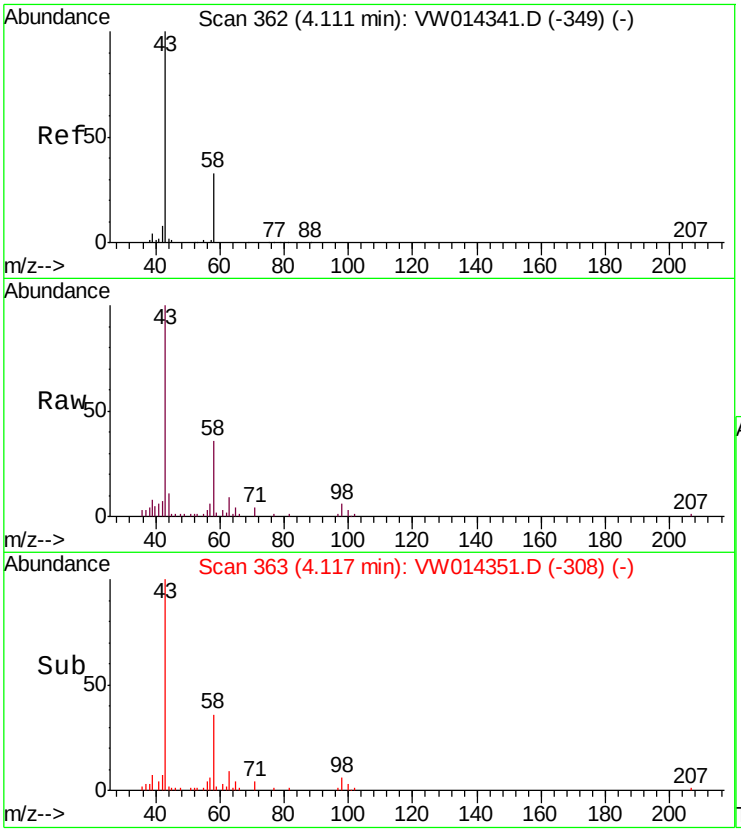


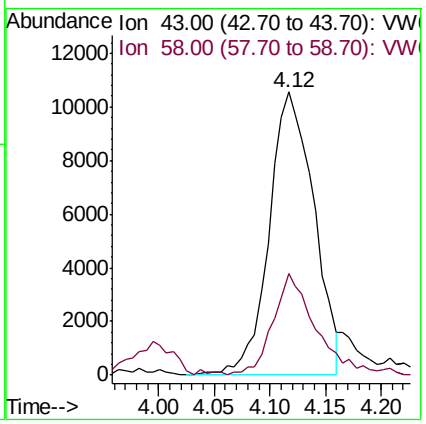


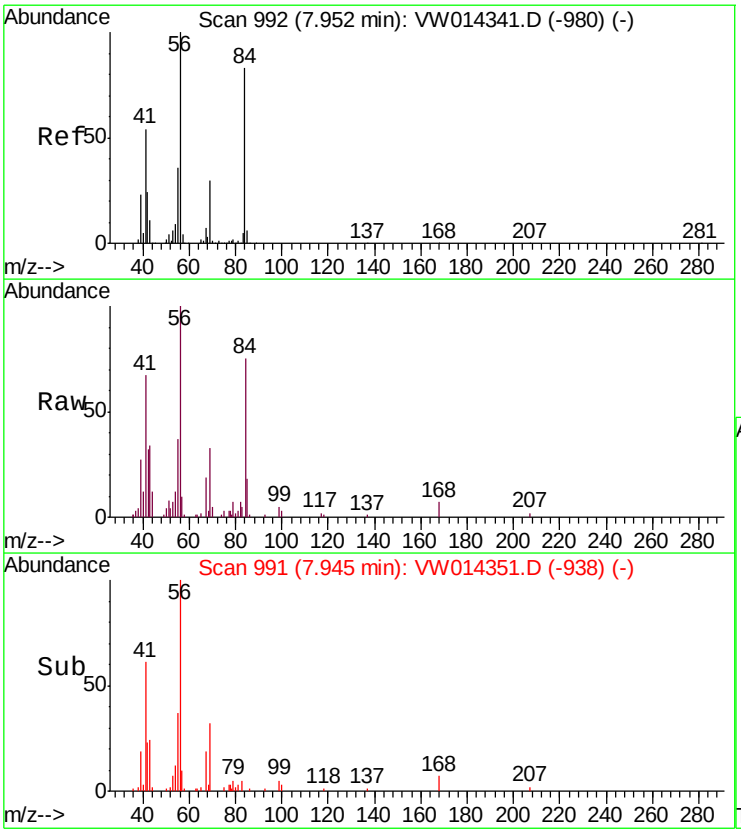
#13
Acetone
Concen: 6.144 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Instrument : MSVOA_W
ClientSampleId : ETK80

Tgt Ion: 43 Resp: 29532

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	65.4

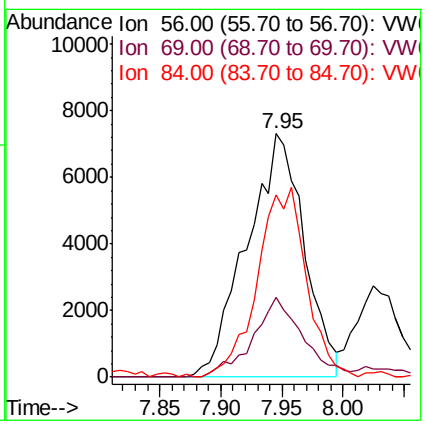


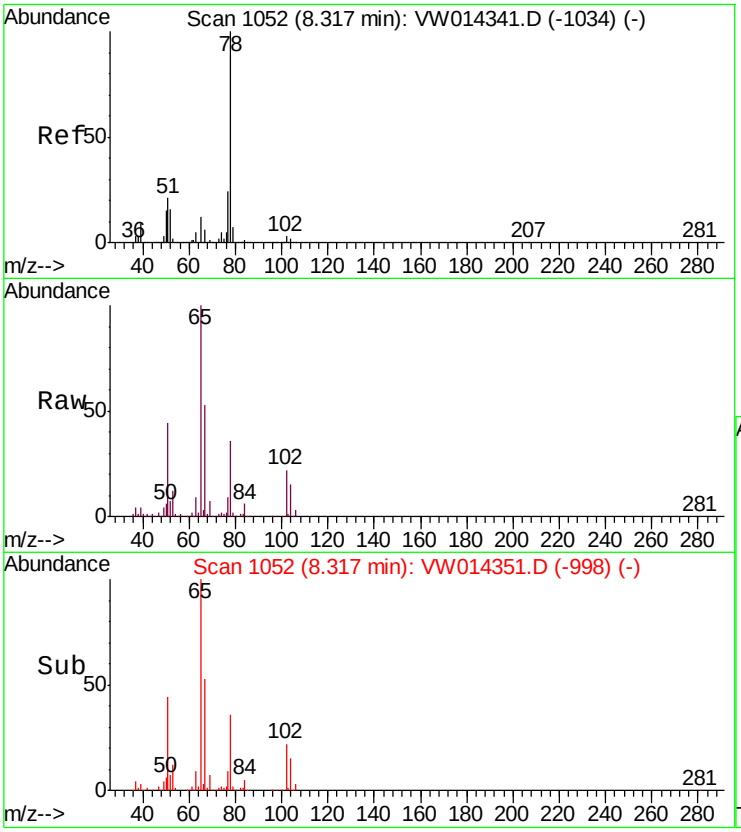


#30
Cyclohexane
Concen: 0.835 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Tgt Ion: 56 Resp: 23881

Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.6	37.0
84	39.2	70.2	105.2#

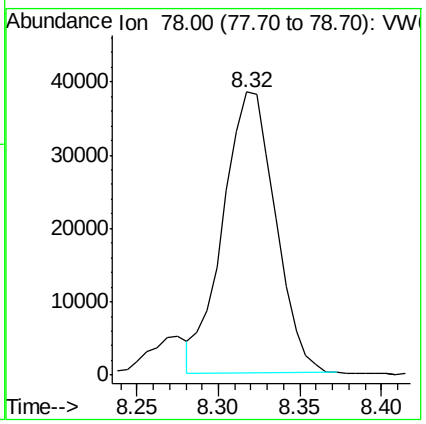


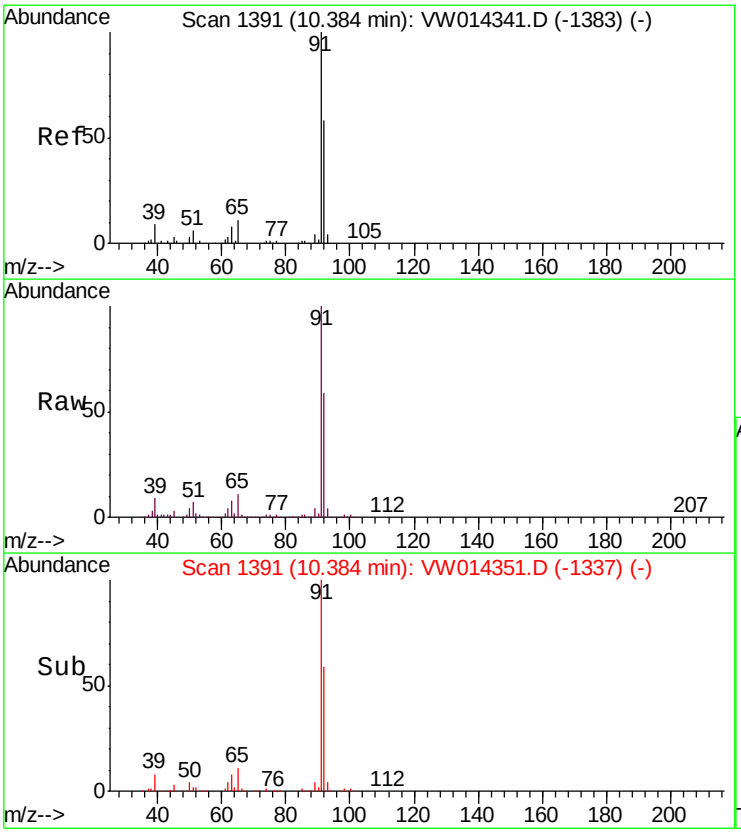


#34
Benzene
Concen: 1.184 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
ETK80

Tgt Ion: 78 Resp: 85965

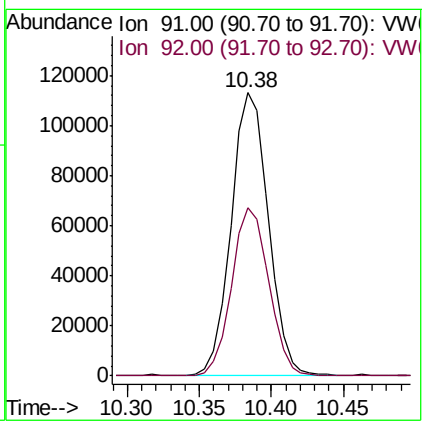


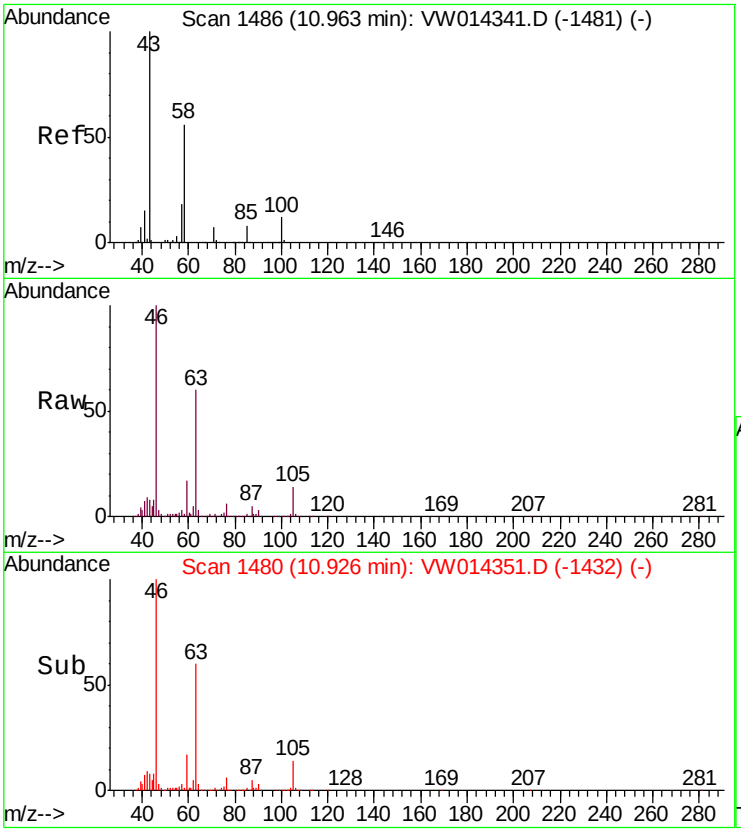


#44
Toluene
Concen: 2.675 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Tgt Ion: 91 Resp: 203580

Ion	Ratio	Lower	Upper
91	100		
92	59.4	40.7	75.7



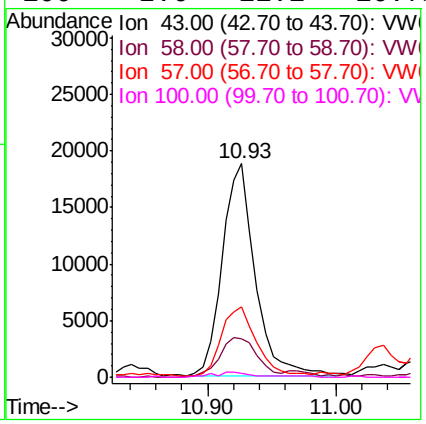


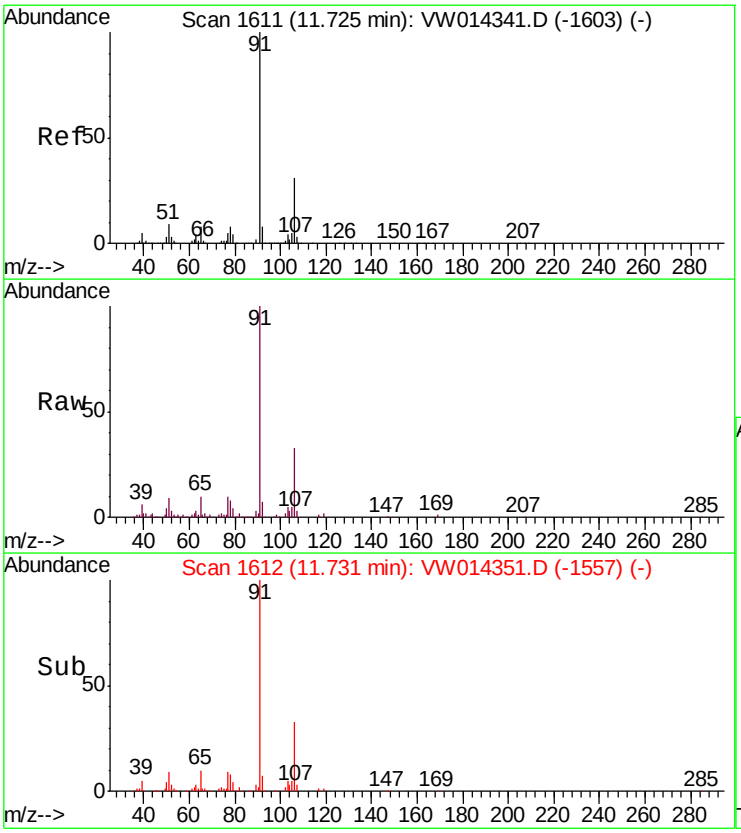
#49
2-Hexanone
Concen: 3.867 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Instrument : MSVOA_W
ClientSampleId : ETK80

Tgt Ion: 43 Resp: 33857

Ion	Ratio	Lower	Upper
43	100		
58	21.2	44.4	66.6#
57	33.9	16.5	24.7#
100	2.6	11.1	16.7#

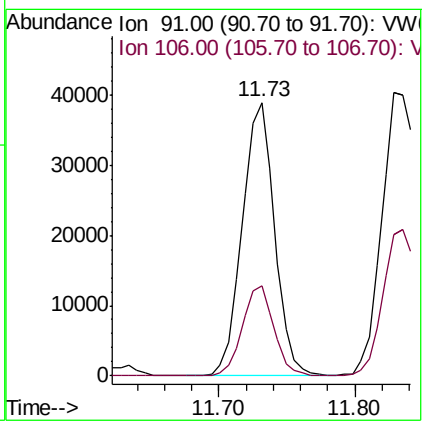


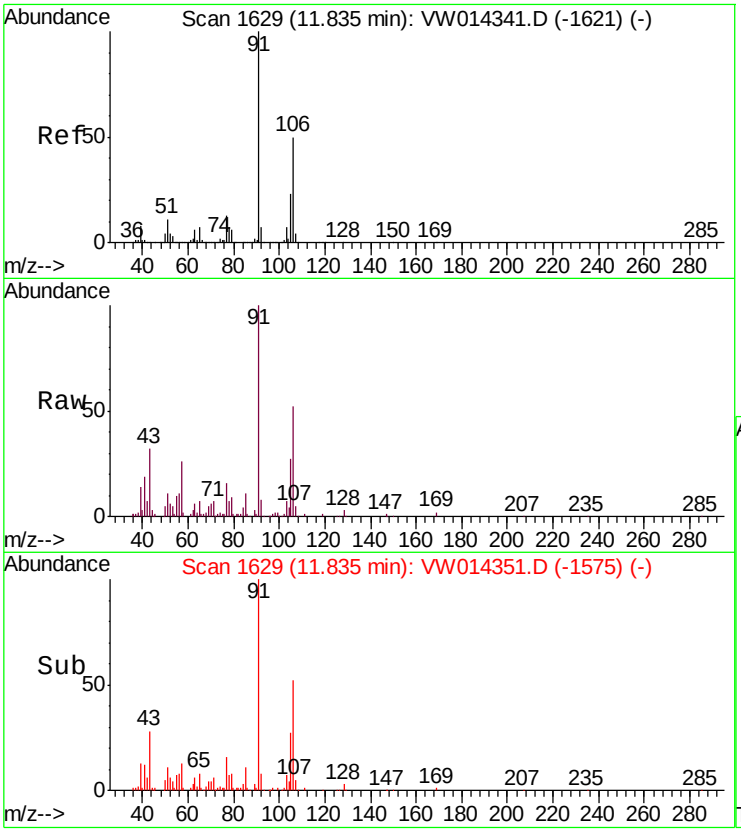


#53
Ethylbenzene
Concen: 0.789 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Tgt Ion: 91 Resp: 65124

Ion	Ratio	Lower	Upper
91	100		
106	32.9	22.3	41.5



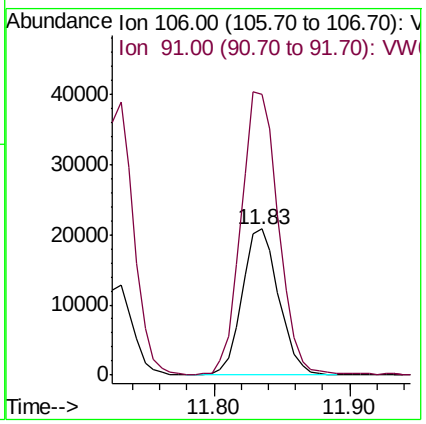


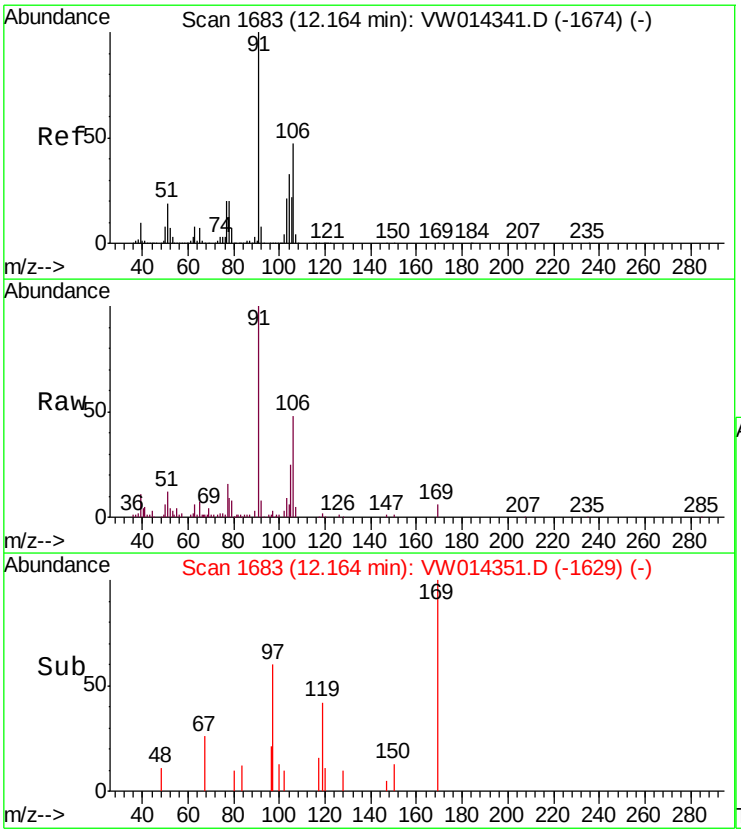
#54
m,p-Xylene
Concen: 1.230 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Instrument : MSVOA_W
ClientSampleId : ETK80

Tgt Ion:106 Resp: 39078

Ion	Ratio	Lower	Upper
106	100		
91	192.6	138.7	257.5





#55
o-xylene
Concen: 0.500 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014351.D
Acq: 13 Dec 2019 15:56

Tgt Ion:106 Resp: 15055

Ion	Ratio	Lower	Upper
106	100		
91	207.6	148.3	275.5