Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
Data File : VW016133.D
Acq On : 11 Aug 2020 14:01
Operator : SY/VA
Sample : L3598-13
Misc : 6.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY69

Manual Integrations APPROVED
MMDadoda
8/13/2020 1:42:16 PM

Quant Time: Aug 11 18:19:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	432812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	399434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164273	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	114813	21.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.60%			
7) Chloroethane-d5	2.89	69	84955	20.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.44%			
10) 1,1-Dichloroethene-d2	4.01	63	183845	16.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.52%			
20) 2-Butanone-d5	7.09	46	86271m	61.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.20%			
24) Chloroform-d	7.65	84	262442	22.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.36%			
26) 1,2-Dichloroethane-d4	8.31	65	156822	25.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.68%			
29) Benzene-d6	8.27	84	525544	24.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.76%			
33) 1,2-Dichloropropane-d6	9.27	67	155646	24.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.44%			
37) Toluene-d8	10.33	98	470138	23.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.36%			
38) trans-1,3-Dichloropropene-	10.58	79	73389	25.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.20%			
39) 2-Hexanone-d5	10.93	63	71570	64.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.86%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149546	28.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.00%			
61) 1,2-Dichlorobenzene-d4	13.85	152	145709	25.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.08%			
Target Compounds						Qvalue
13) Acetone	4.13	43	9261	8.670	ug/L	92
30) Cyclohexane	7.93	56	18050	2.077	ug/L #	33
34) Benzene	8.32	78	110217	4.785	ug/L	100
36) Methylcyclohexane	9.34	83	20010	1.961	ug/L	89
44) Toluene	10.39	91	175327	7.211	ug/L	99
53) Ethylbenzene	11.73	91	124045	4.496	ug/L	97
54) m,p-Xylene	11.84	106	12871	1.240	ug/L	91
55) o-xylene	12.17	106	4082	0.418	ug/L	88

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

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Instrument :
MSVOA_W
ClientSampleId :
GAY69

Manual Integrations APPROVED
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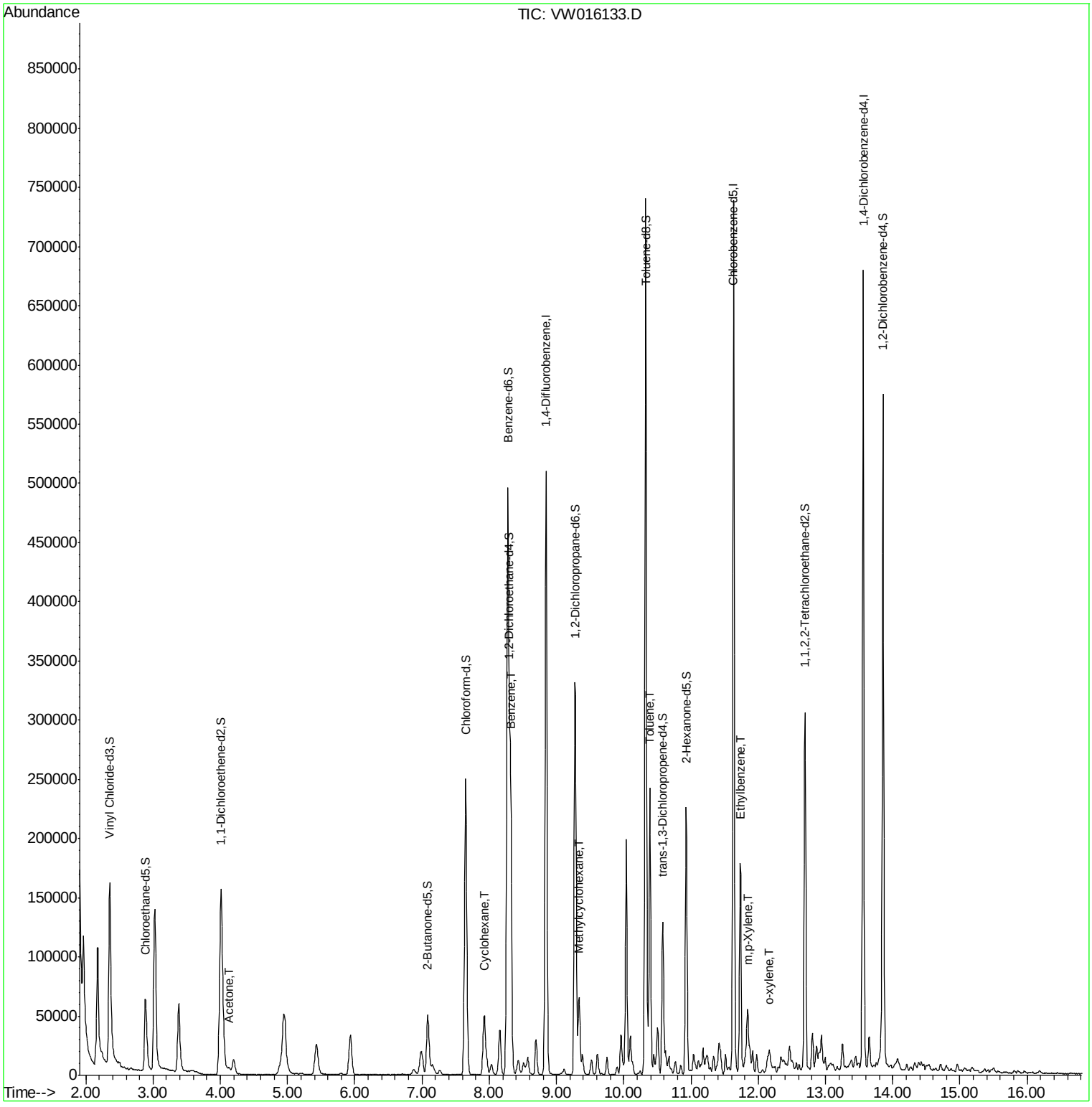
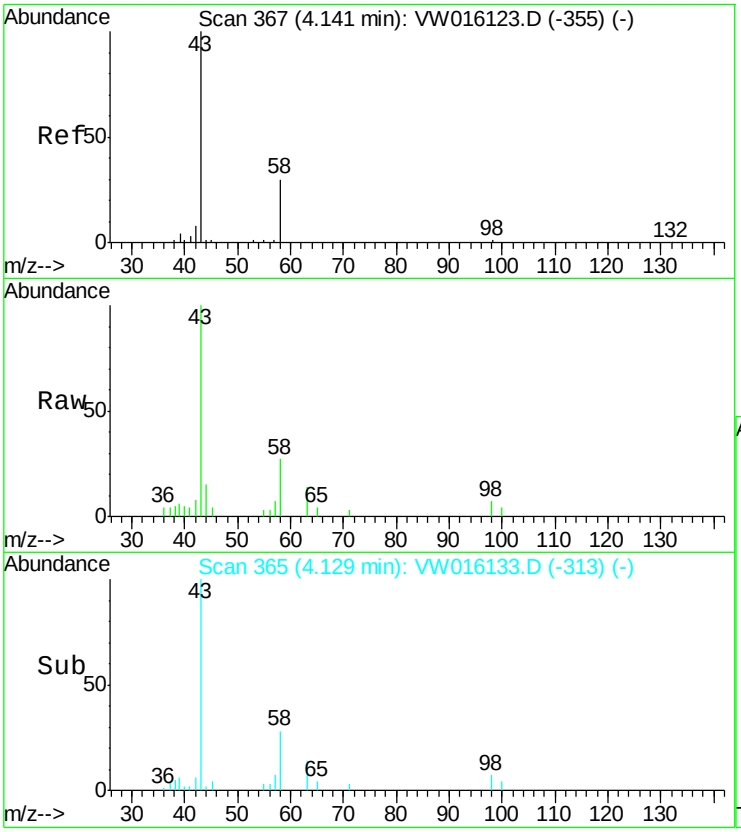
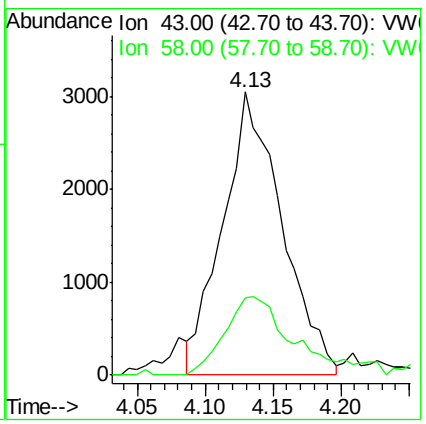




#13
Acetone
Concen: 8.670 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion: 43 Resp: 9261

Ion	Ratio	Lower	Upper
43	100		
58	25.4	0.0	59.4



Instrument :
MSVOA_W
ClientSampleId :
GAY69

Manual Integrations APPROVED
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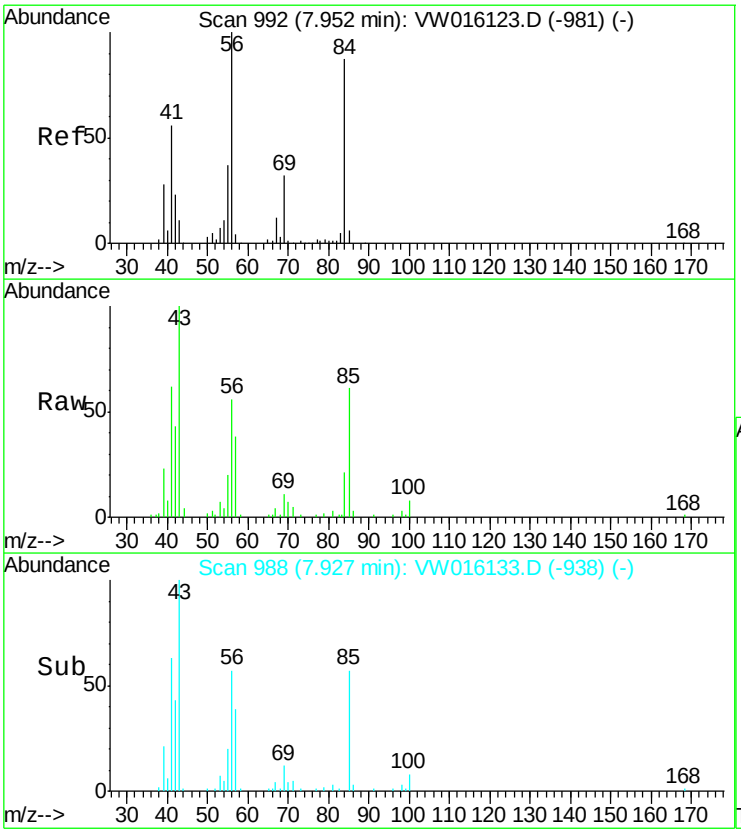
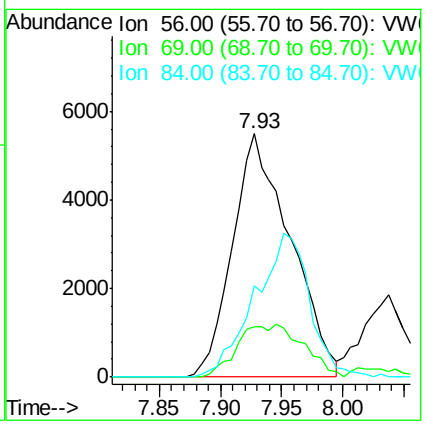
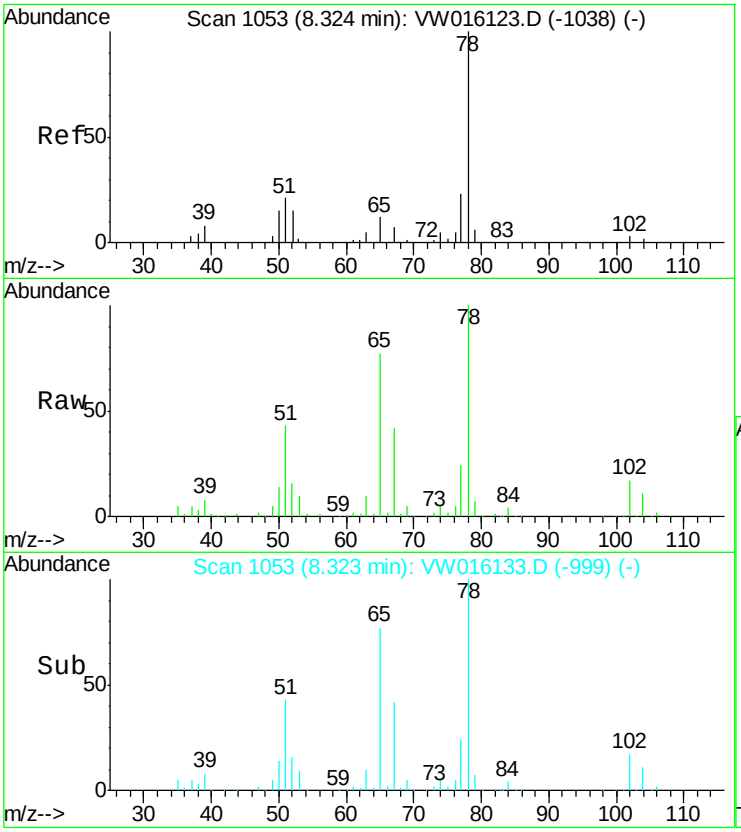


#30
Cyclohexane
Concen: 2.077 ug/L
RT: 7.93 min Scan# 988
Delta R.T. -0.02 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion: 56 Resp: 18050

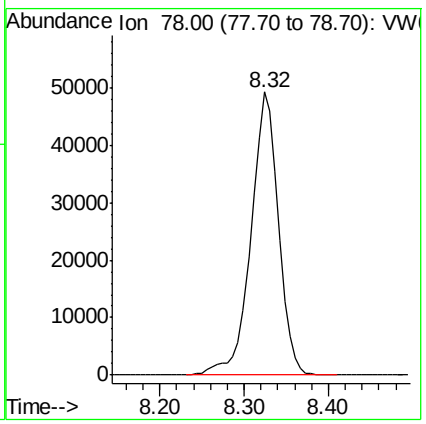
Ion	Ratio	Lower	Upper
56	100		
69	12.6	25.4	38.0#
84	16.3	73.0	109.6#





#34
Benzene
Concen: 4.785 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion: 78 Resp: 110217



Instrument :
MSVOA_W
ClientSampleId :
GAY69

Manual Integrations APPROVED
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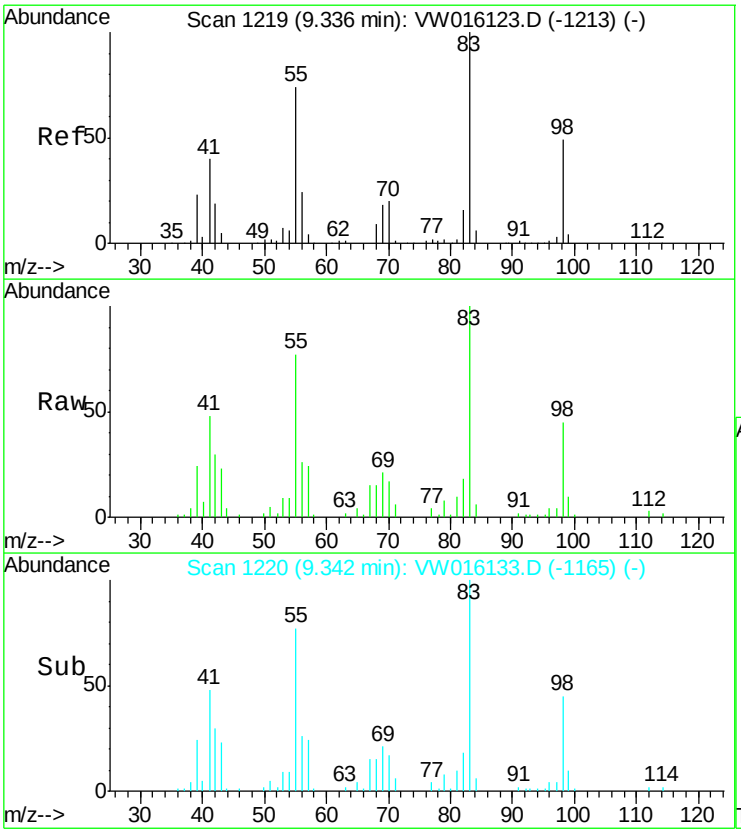
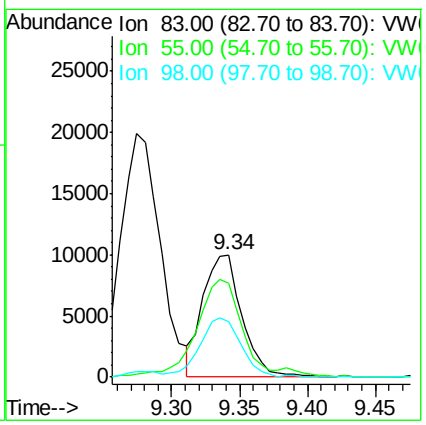
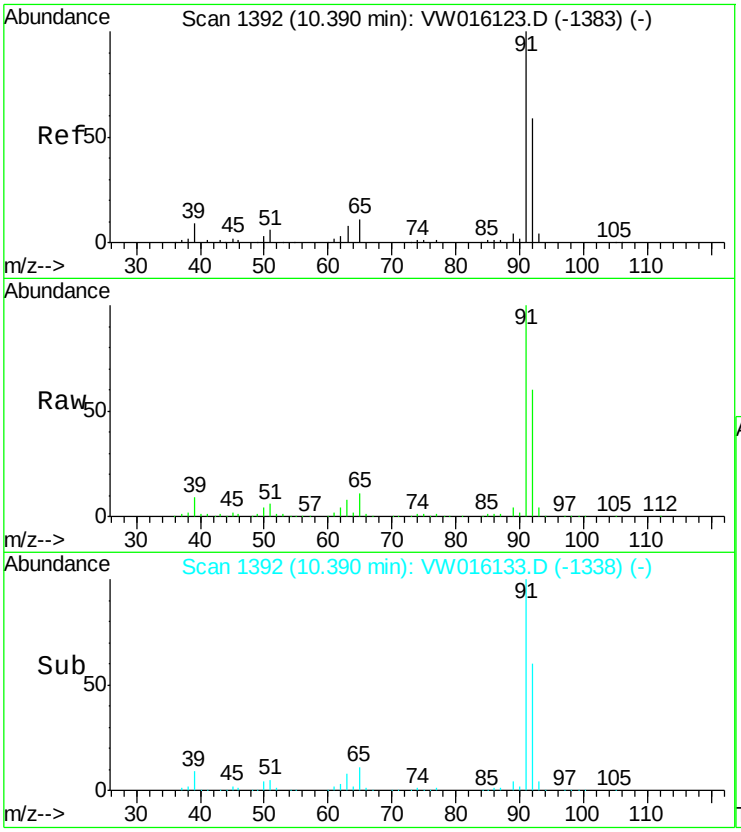


#36
Methylcyclohexane
Concen: 1.961 ug/L
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion: 83 Resp: 20010

Ion	Ratio	Lower	Upper
83	100		
55	90.0	60.7	91.1
98	50.3	39.4	59.0





#44
Toluene
Concen: 7.211 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion: 91 Resp: 175327

Ion	Ratio	Lower	Upper
91	100		
92	60.1	41.8	77.6

Instrument :
MSVOA_W
ClientSampleId :
GAY69

Manual Integrations APPROVED
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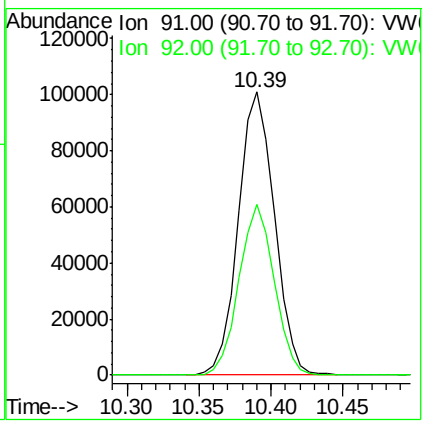
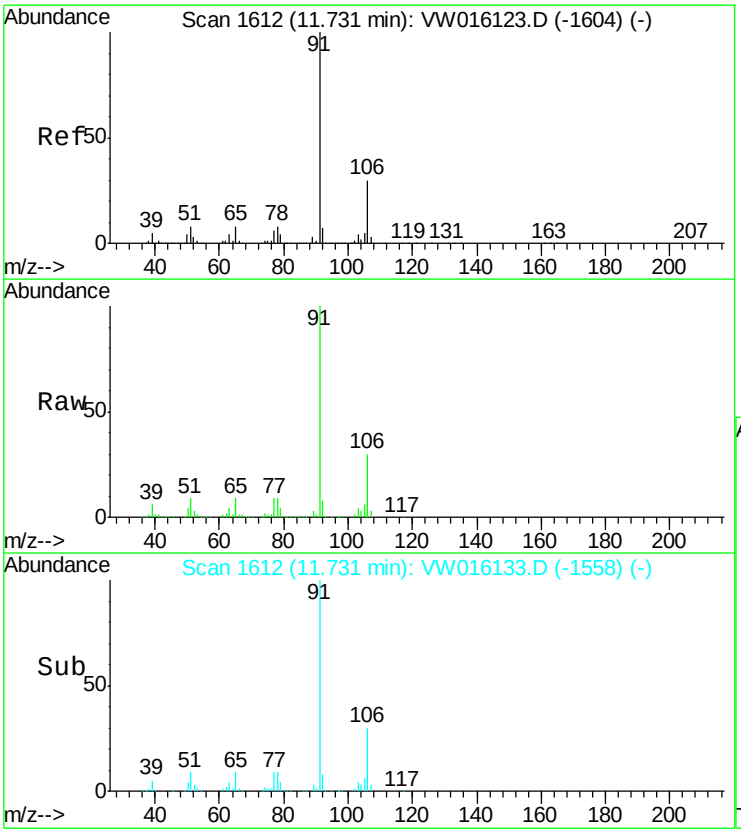
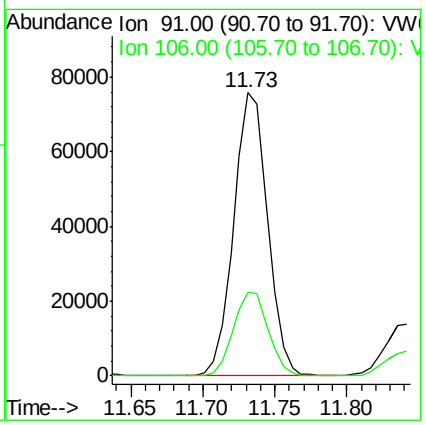


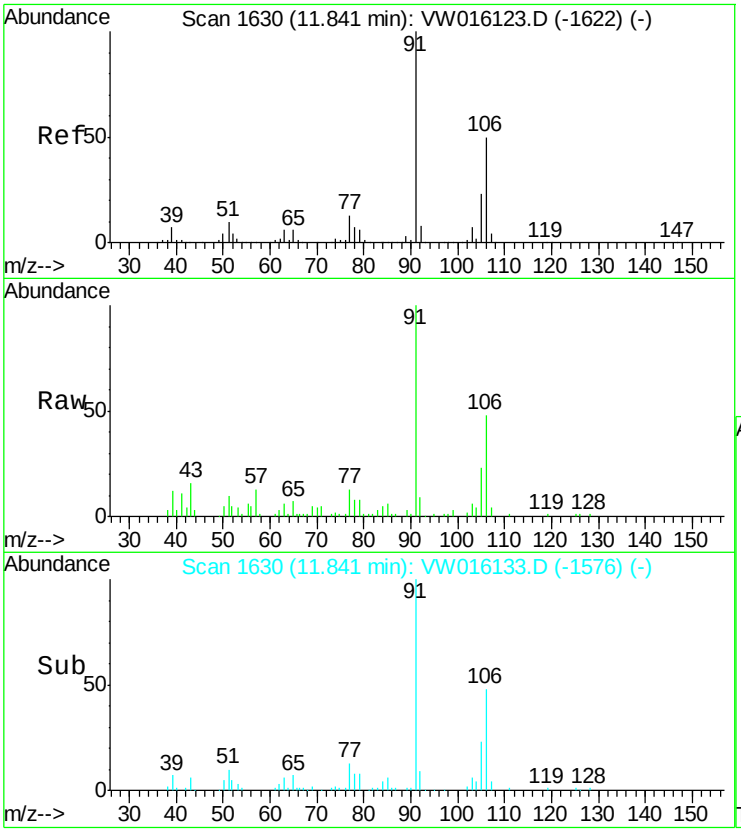


#53
Ethylbenzene
Concen: 4.496 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion: 91 Resp: 124045

Ion	Ratio	Lower	Upper
91	100		
106	29.6	21.8	40.4





#54
m,p-Xylene
Concen: 1.240 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion:106 Resp: 12871

Ion	Ratio	Lower	Upper
106	100		
91	207.5	136.4	253.2

Instrument :
MSVOA_W
ClientSampleId :
GAY69

Manual Integrations APPROVED
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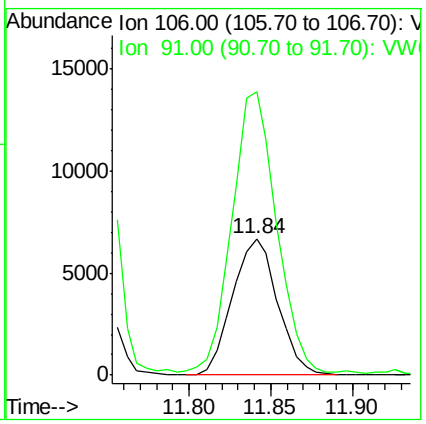
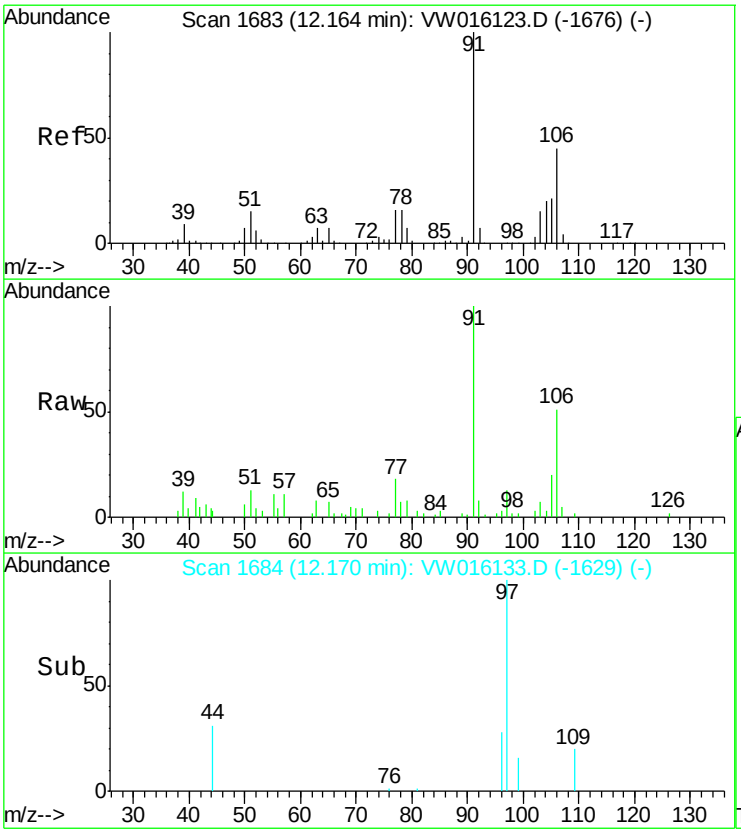
8/13/2020 1:42:16 PM





#55
o-xylene
Concen: 0.418 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW016133.D
Acq: 11 Aug 2020 14:01

Tgt Ion:106 Resp: 4082

Ion	Ratio	Lower	Upper
106	100		
91	197.9	151.3	281.1