Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041919\
Data File : VW010065.D
Acq On : 19 Apr 2019 14:21
Operator : SY/VA
Sample : K2455-15
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHR5

Manual Integrations APPROVED
MMDadoda
4/23/2019 6:57:01 AM

Quant Time: Apr 20 04:19:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 03:50:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	671609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	586343	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194802	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	153377	24.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.68%			
7) Chloroethane-d5	2.89	69	143900	22.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.52%			
10) 1,1-Dichloroethene-d2	4.01	63	325388	18.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.96%			
20) 2-Butanone-d5	7.08	46	139967	40.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.54%			
24) Chloroform-d	7.64	84	445814	22.96	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.84%			
26) 1,2-Dichloroethane-d4	8.31	65	263287	21.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.40%			
29) Benzene-d6	8.27	84	846283	26.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.04%			
33) 1,2-Dichloropropane-d6	9.27	67	267028	26.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.08%			
37) Toluene-d8	10.32	98	714820	24.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.28%			
38) trans-1,3-Dichloropropene-	10.58	79	106672	21.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.68%			
39) 2-Hexanone-d5	10.93	63	102439	45.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.08%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	195564	20.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.48%			
61) 1,2-Dichlorobenzene-d4	13.86	152	170662	23.30	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
13) Acetone	4.12	43	92766	30.385	ug/L	99
14) Carbon disulfide	4.37	76	21863	0.951	ug/L	99
16) Methylene chloride	4.91	84	48825m	4.015	ug/L	
21) 2-Butanone	7.17	43	34504	8.631	ug/L	100
53) Ethylbenzene	11.73	91	7646203	186.686	ug/L	99
54) m,p-Xylene	11.84	106	21030	1.404	ug/L	89
55) o-xylene	12.16	106	404840	28.175	ug/L	97
57) Isopropylbenzene	12.46	105	977684	25.546	ug/L	99

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

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Instrument :
MSVOA_W
ClientSampleId :
GAHR5

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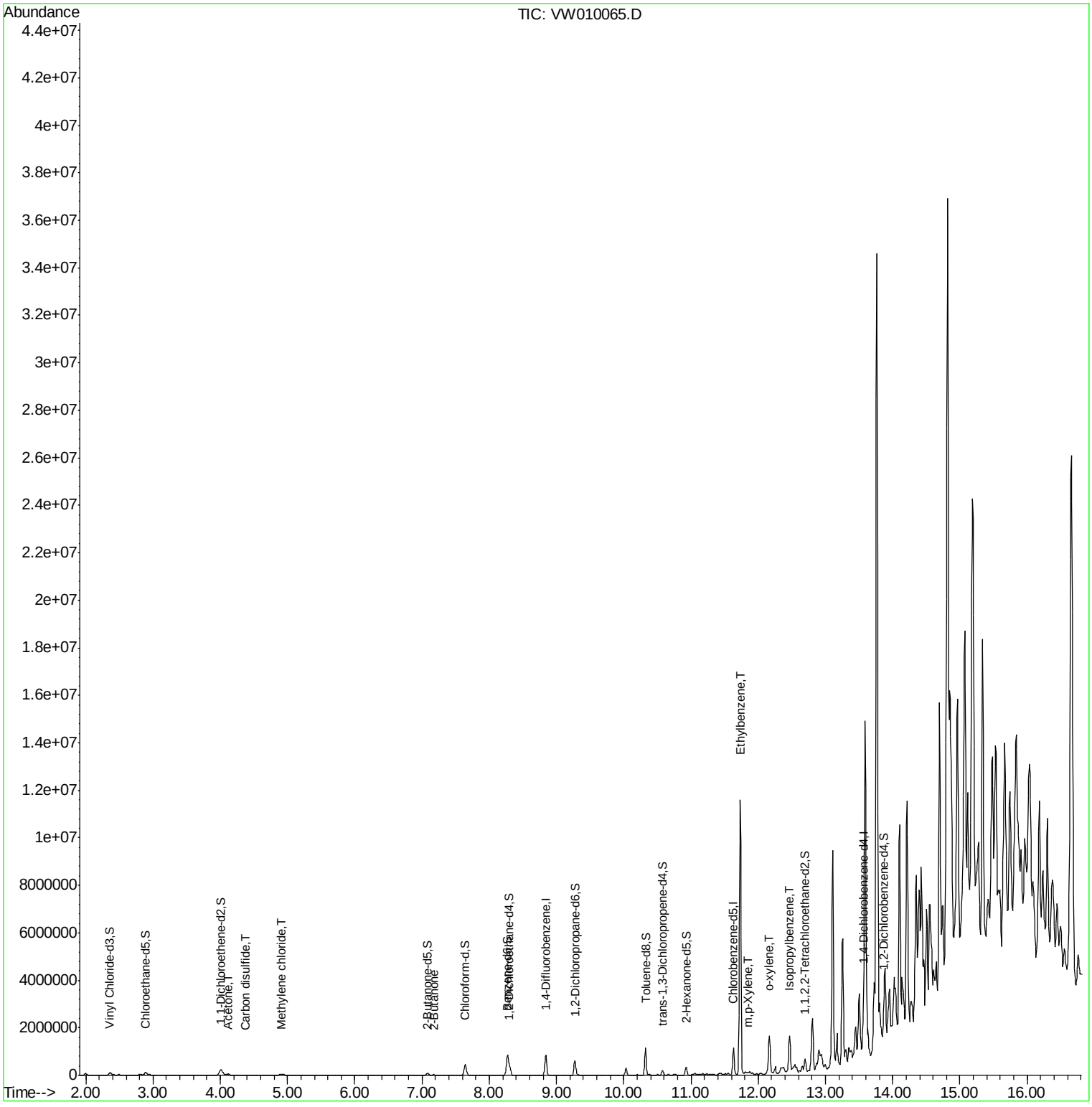
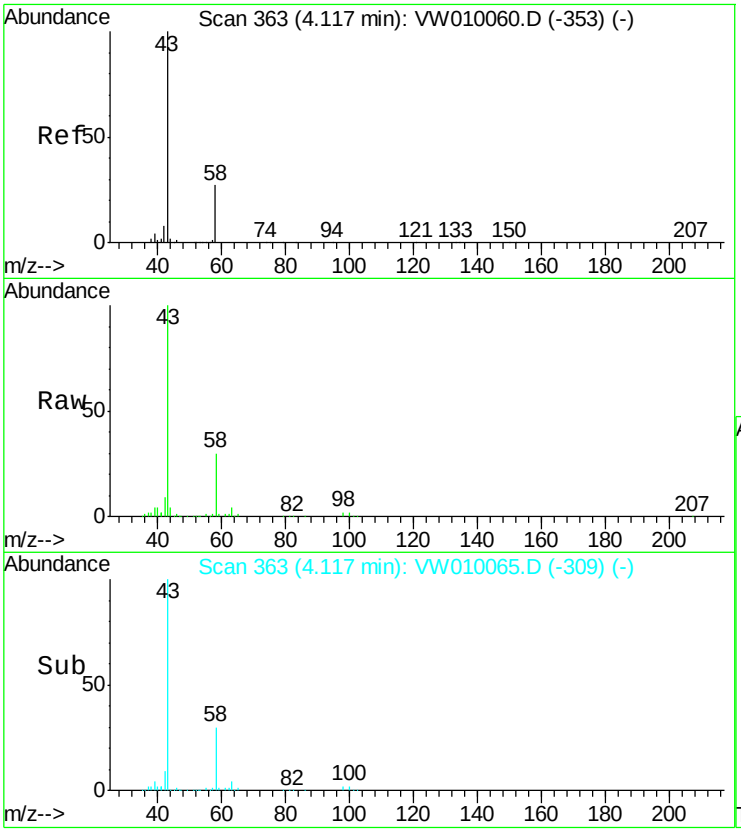
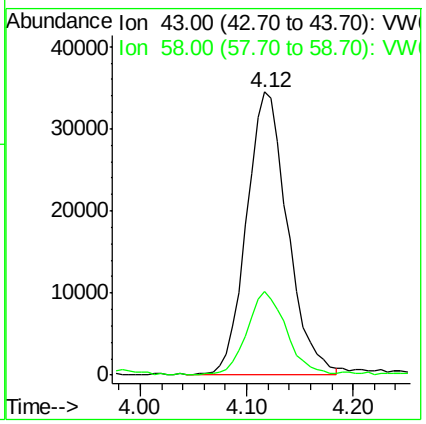




#13
Acetone
Concen: 30.385 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion: 43 Resp: 92766

Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	56.2



Instrument :
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ClientSampleId :
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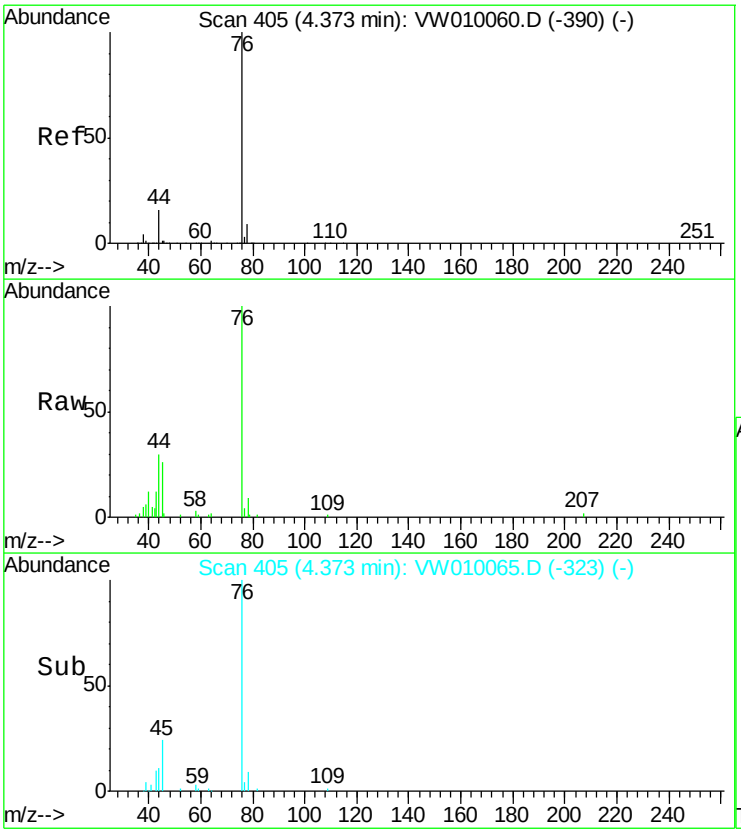
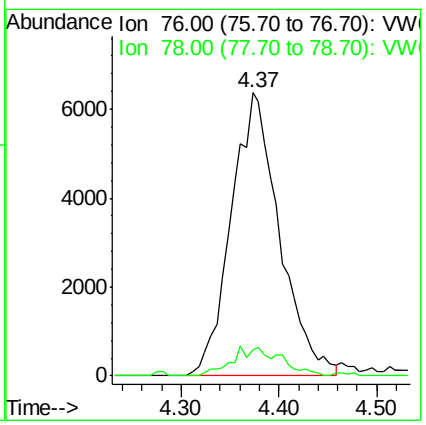
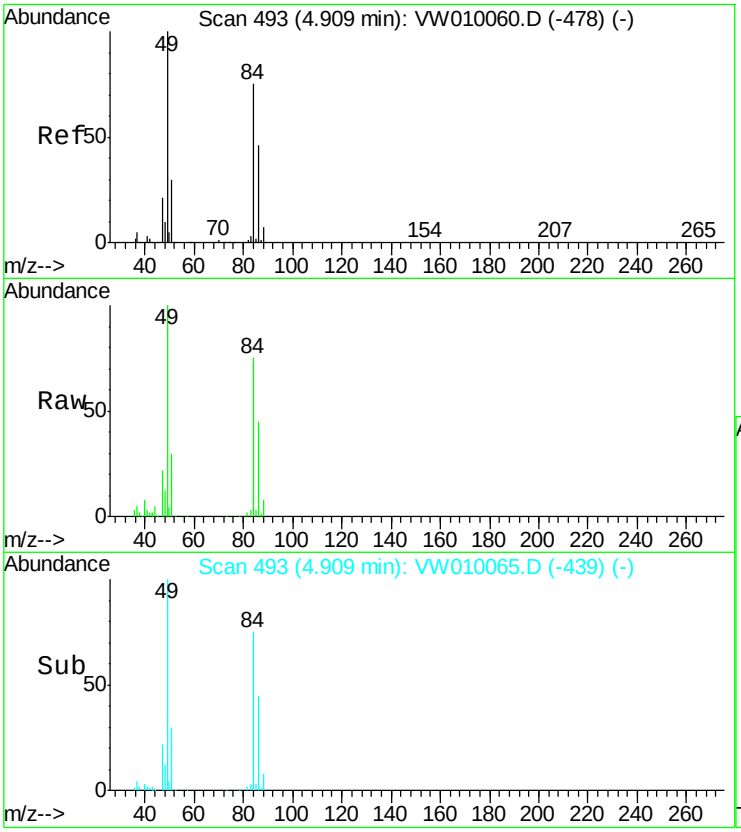


#14
Carbon disulfide
Concen: 0.951 ug/L
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion: 76 Resp: 21863

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

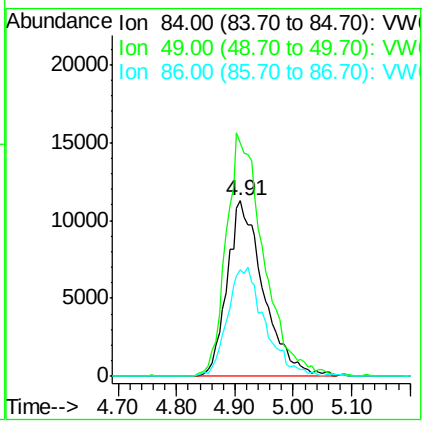




#16
Methylene chloride
Concen: 4.015 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion: 84 Resp: 48825

Ion	Ratio	Lower	Upper
84	100		
49	133.4	100.7	187.1
86	60.7	43.8	81.3



Instrument :
MSVOA_W
ClientSampleId :
GAHR5

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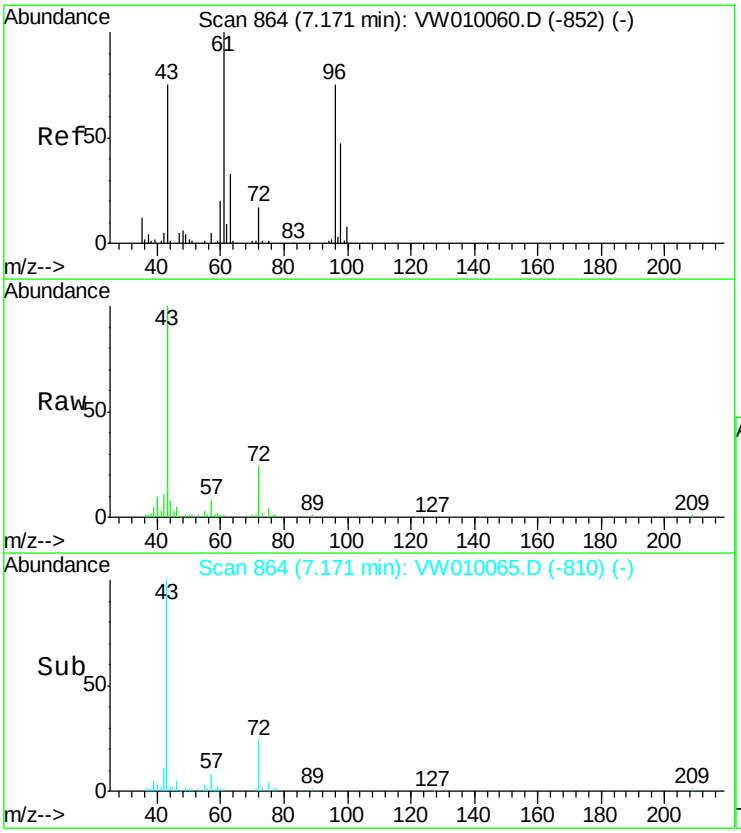
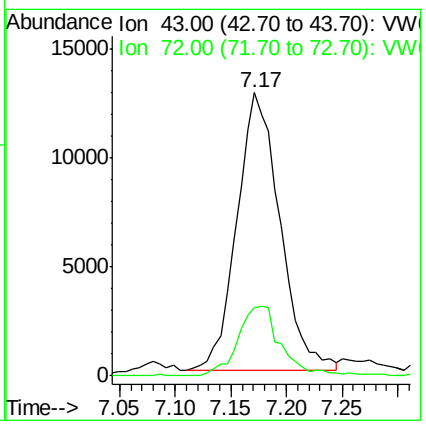
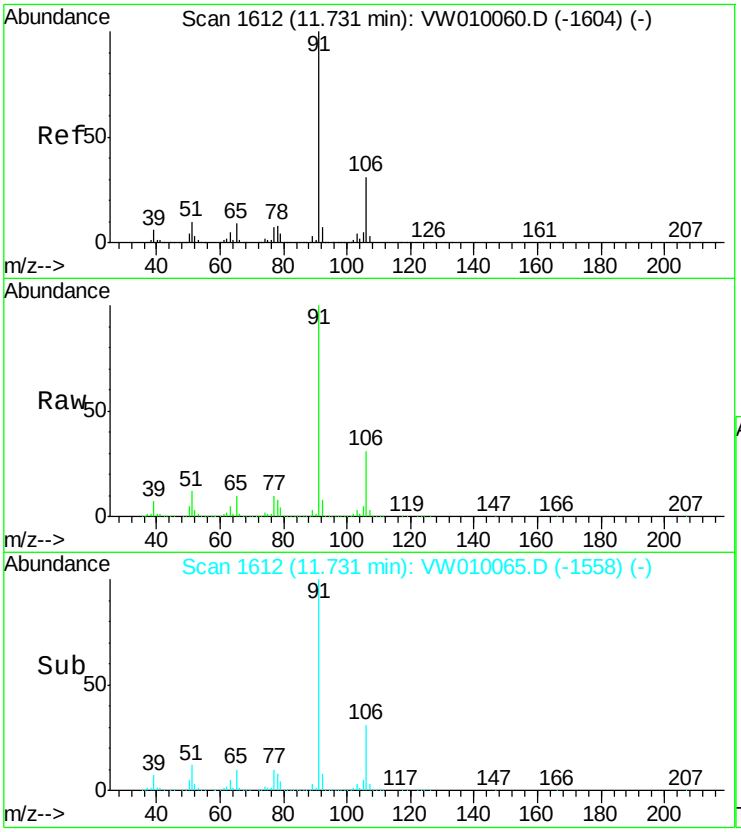


#21
2-Butanone
Concen: 8.631 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion: 43 Resp: 34504

Ion	Ratio	Lower	Upper
43	100		
72	23.8	11.9	35.7





#53
Ethylbenzene
Concen: 186.686 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion: 91 Resp: 7646203

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.8	40.4

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

Manual Integrations APPROVED
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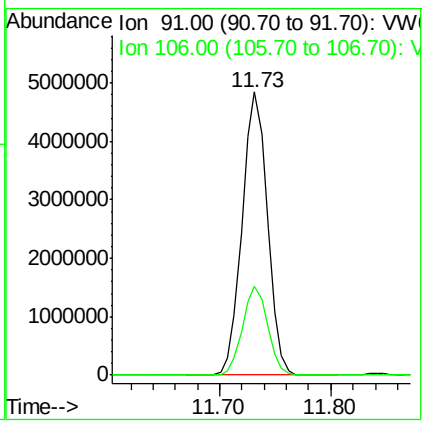
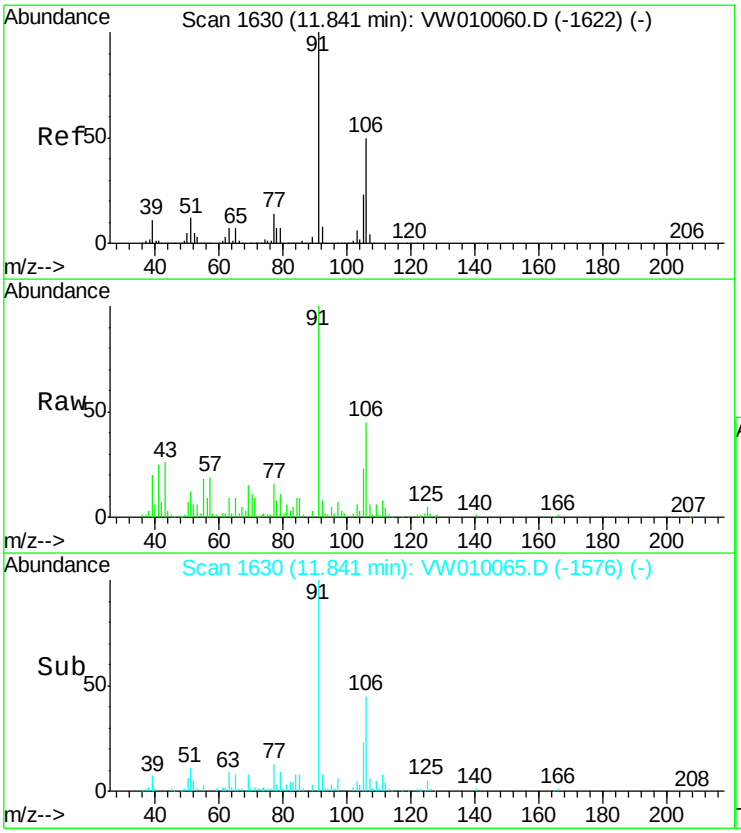
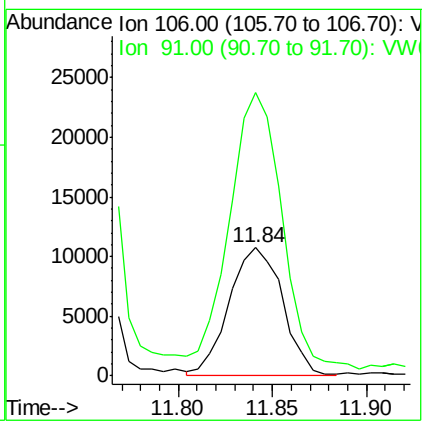


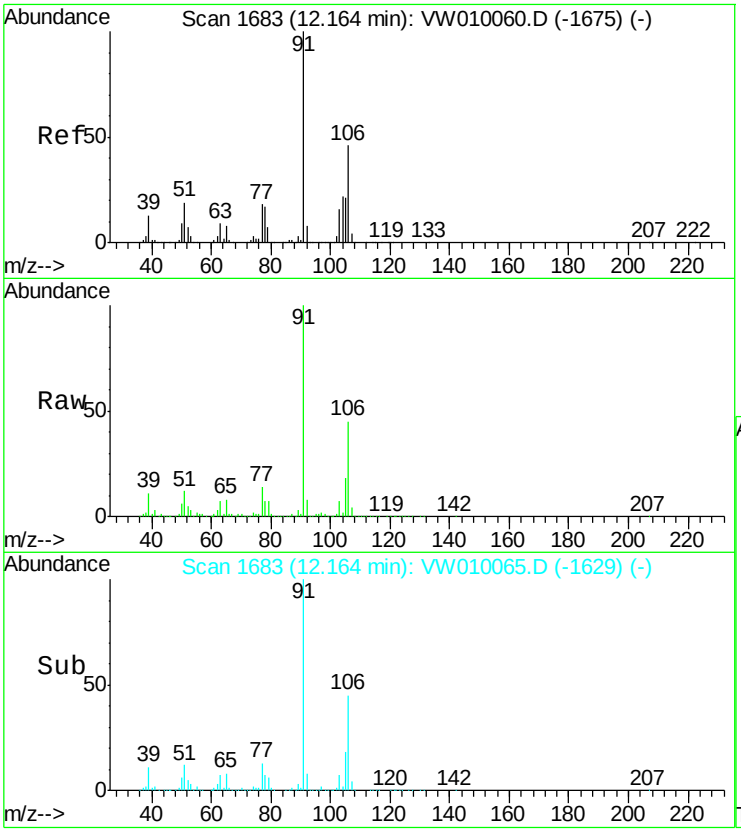


#54
m,p-Xylene
Concen: 1.404 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion:106 Resp: 21030

Ion	Ratio	Lower	Upper
106	100		
91	221.1	143.4	266.2





#55
o-xylene
Concen: 28.175 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion:106 Resp: 404840

Ion	Ratio	Lower	Upper
106	100		
91	222.5	152.2	282.7

Instrument :
MSVOA_W
ClientSampleId :
GAHR5

Manual Integrations APPROVED
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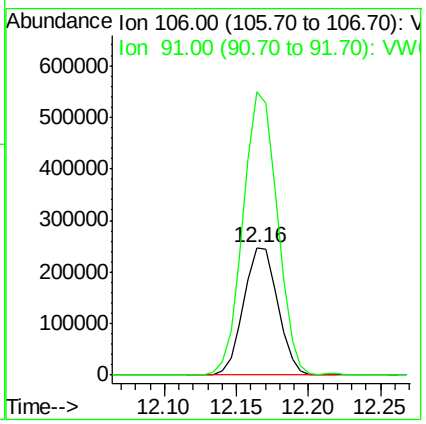
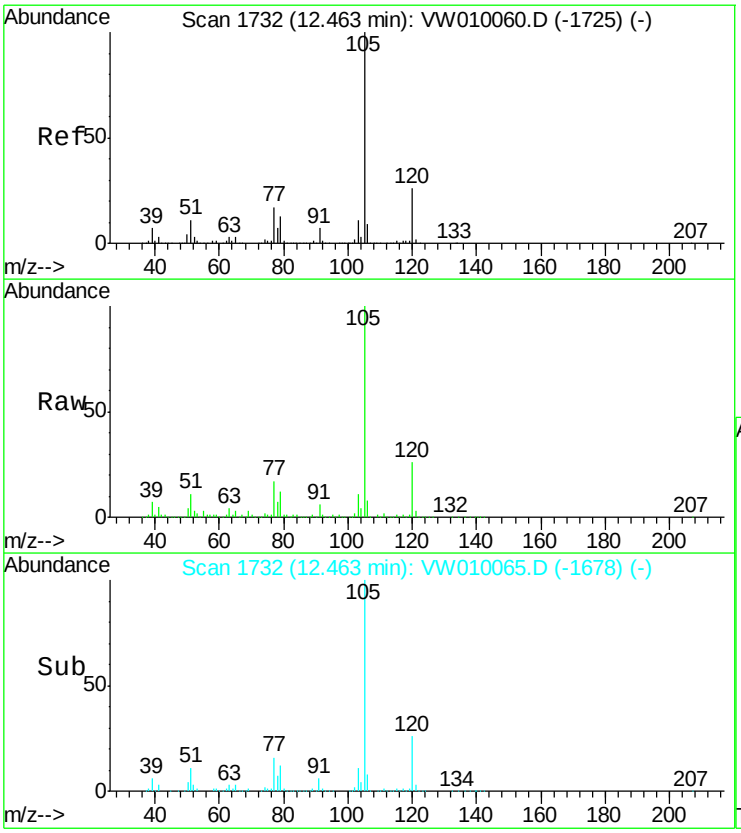
4/23/2019 6:57:01 AM





#57
Isopropylbenzene
Concen: 25.546 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW010065.D
Acq: 19 Apr 2019 14:21

Tgt Ion:105 Resp: 977684

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.6	30.8
77	16.8	13.4	20.2