Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015921.D
Acq On : 23 Jul 2020 15:05
Operator : SY/VA
Sample : L3395-07
Misc : 5.49G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY17

Manual Integrations APPROVED
MMDadoda
7/27/2020 8:10:58 AM

Quant Time: Jul 24 07:28:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	523239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	463129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177759	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	156891	21.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.00%			
7) Chloroethane-d5	2.90	69	123839	20.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.60%			
10) 1,1-Dichloroethene-d2	4.01	63	234542	15.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.84%			
20) 2-Butanone-d5	7.09	46	81399	41.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.94%			
24) Chloroform-d	7.65	84	294192	20.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.08%			
26) 1,2-Dichloroethane-d4	8.31	65	165171	20.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.88%			
29) Benzene-d6	8.27	84	597672	21.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.80%			
33) 1,2-Dichloropropane-d6	9.28	67	181479	21.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.88%			
37) Toluene-d8	10.33	98	530863	20.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.16%			
38) trans-1,3-Dichloropropene-	10.58	79	73949	20.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.12%			
39) 2-Hexanone-d5	10.93	63	62060	44.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.20%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139075	21.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.64%			
61) 1,2-Dichlorobenzene-d4	13.85	152	149178	21.52	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.08%			
Target Compounds						Qvalue
13) Acetone	4.14	43	19581	12.022	ug/L	97
14) Carbon disulfide	4.38	76	27245	1.283	ug/L	96
21) 2-Butanone	7.20	43	4532m	2.250	ug/L	
34) Benzene	8.32	78	16609	0.590	ug/L	100
44) Toluene	10.39	91	34250	1.161	ug/L	97
53) Ethylbenzene	11.73	91	13018	0.392	ug/L	97
54) m,p-Xylene	11.85	106	4559	0.367	ug/L	86
55) o-xylene	12.16	106	5199	0.445	ug/L	98

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

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Instrument :
MSVOA_W
ClientSampleId :
GAY17

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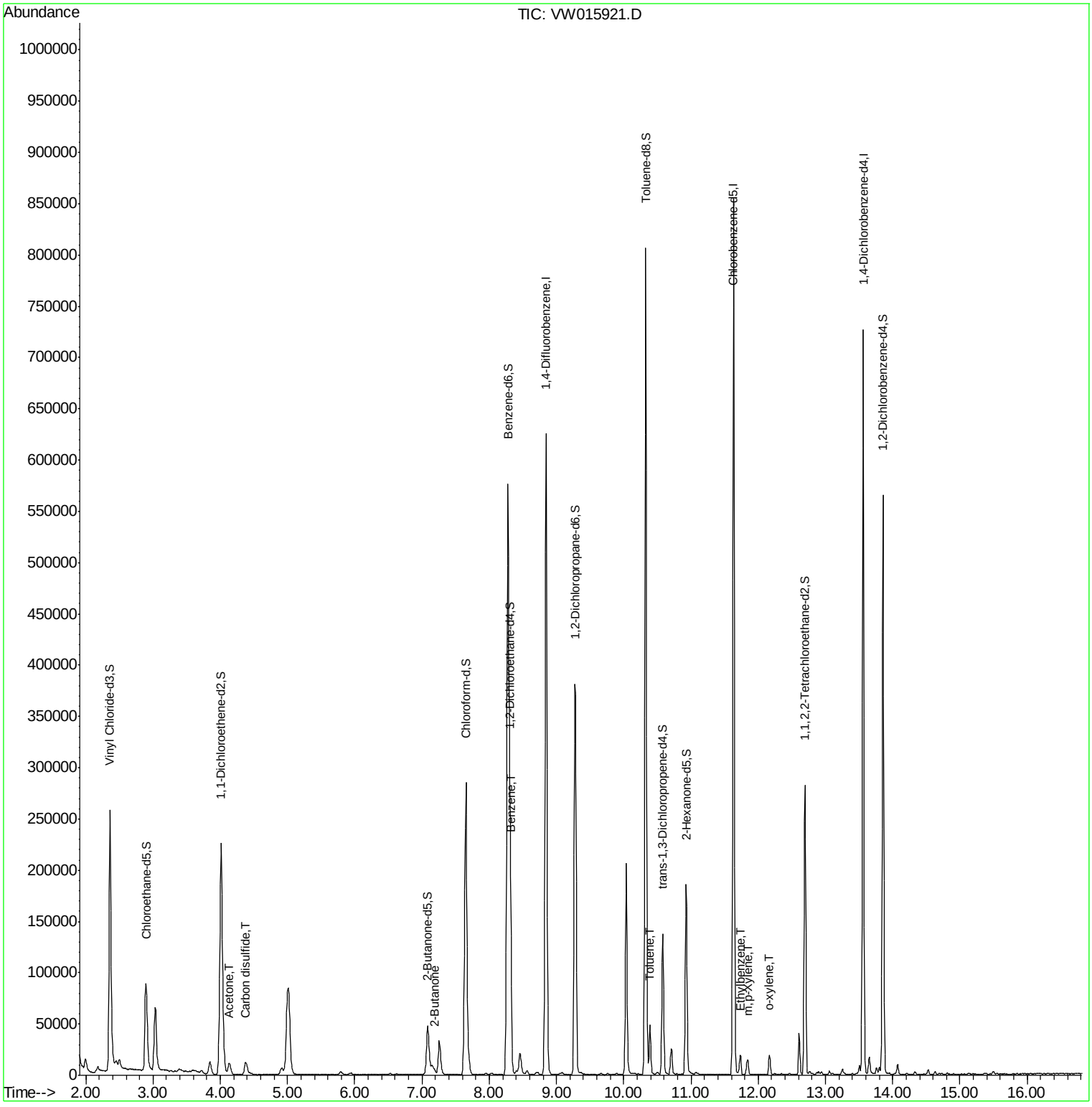
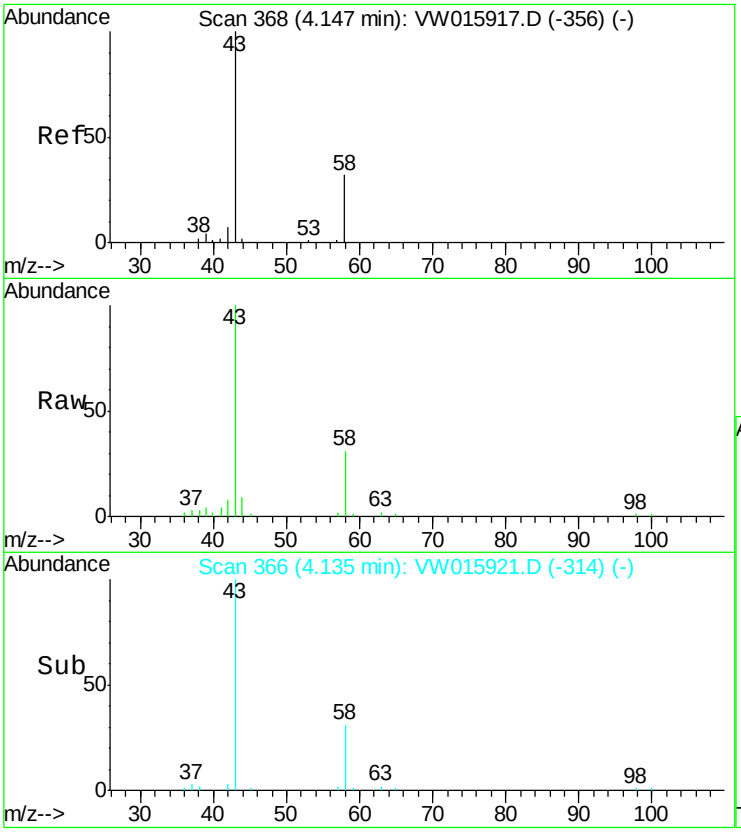
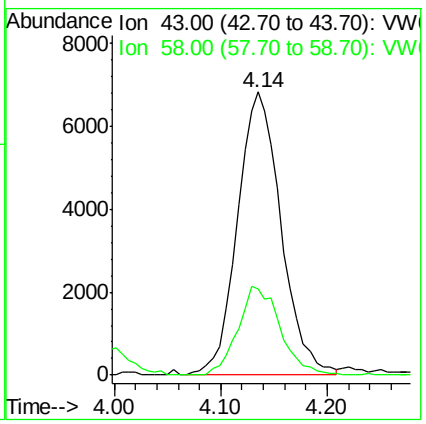




#13
Acetone
Concen: 12.022 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion: 43 Resp: 19581

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	58.2



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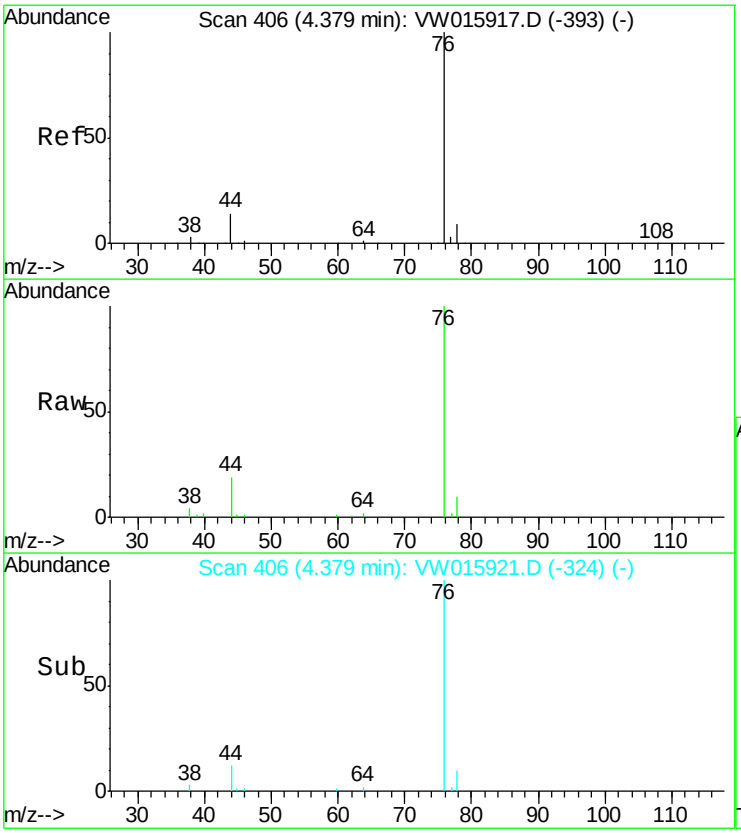
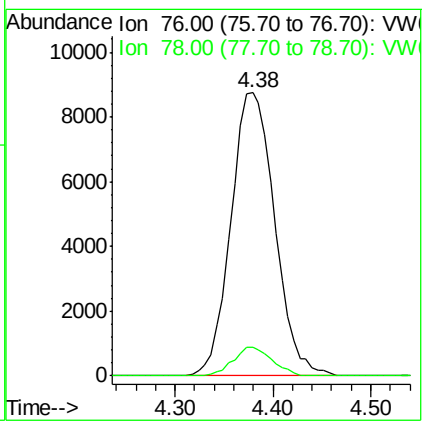
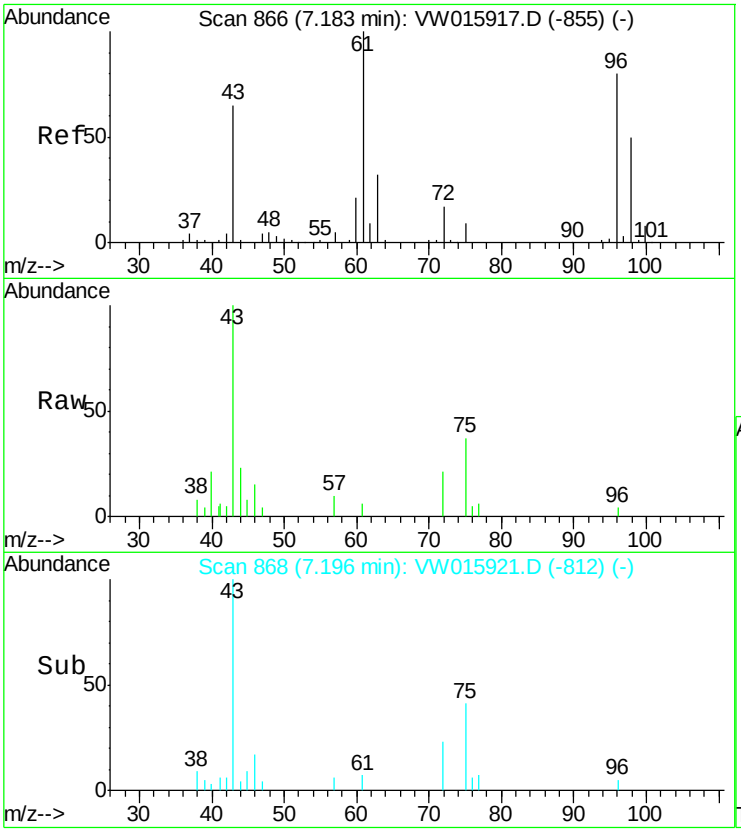


#14
Carbon disulfide
Concen: 1.283 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion: 76 Resp: 27245

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.2	10.8

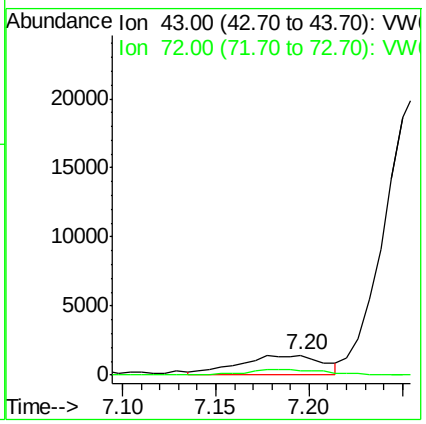




#21
2-Butanone
Concen: 2.250 ug/L m
RT: 7.20 min Scan# 868
Delta R.T. 0.01 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion: 43 Resp: 4532

Ion	Ratio	Lower	Upper
43	100		
72	19.6	13.9	41.7



Instrument :
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ClientSampleId :
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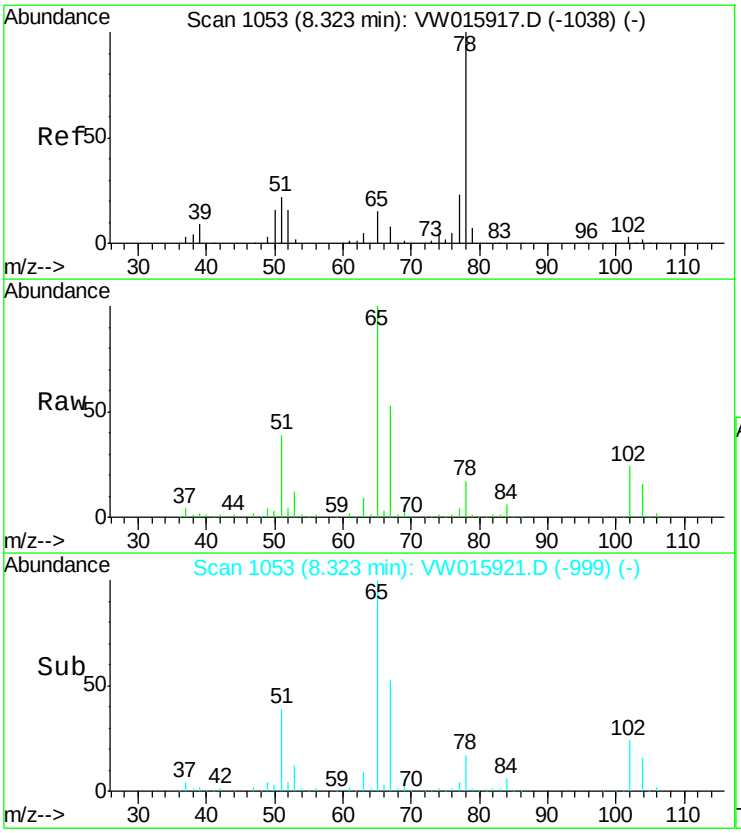
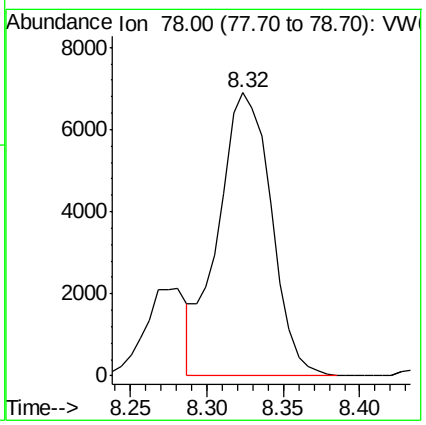
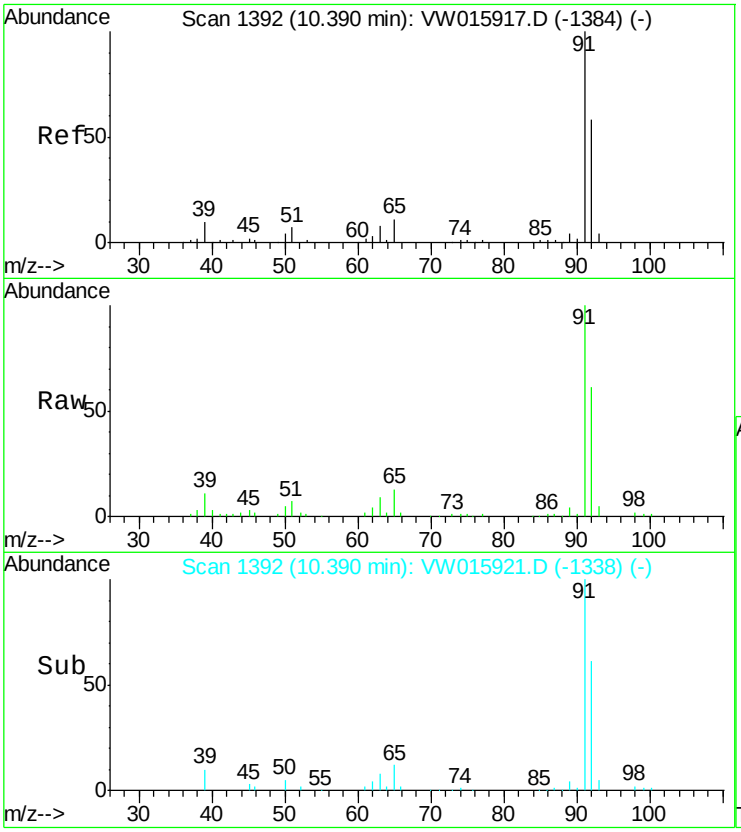


#34
Benzene
Concen: 0.590 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion: 78 Resp: 16609

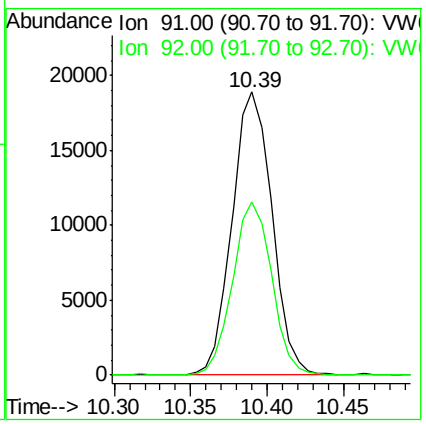




#44
Toluene
Concen: 1.161 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion: 91 Resp: 34250

Ion	Ratio	Lower	Upper
91	100		
92	61.3	41.2	76.4



Instrument :
MSVOA_W
ClientSampleId :
GAY17

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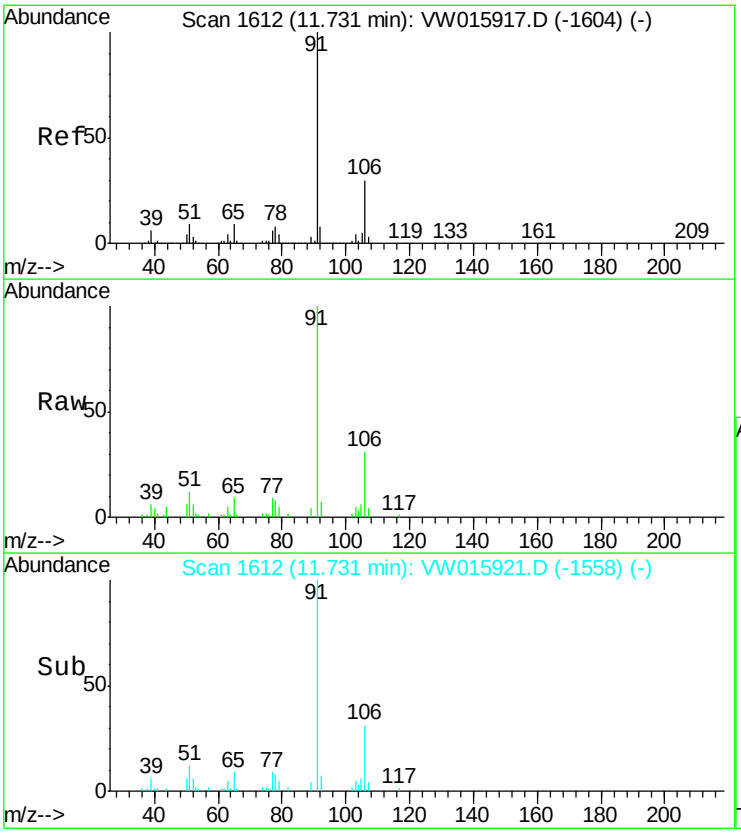
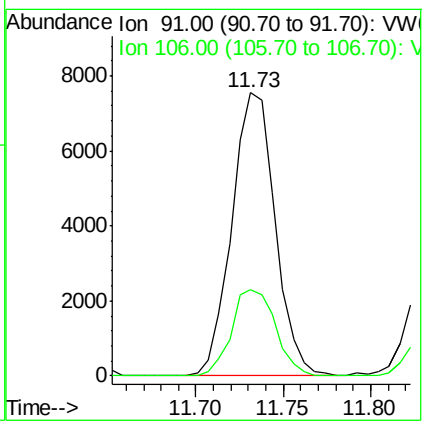
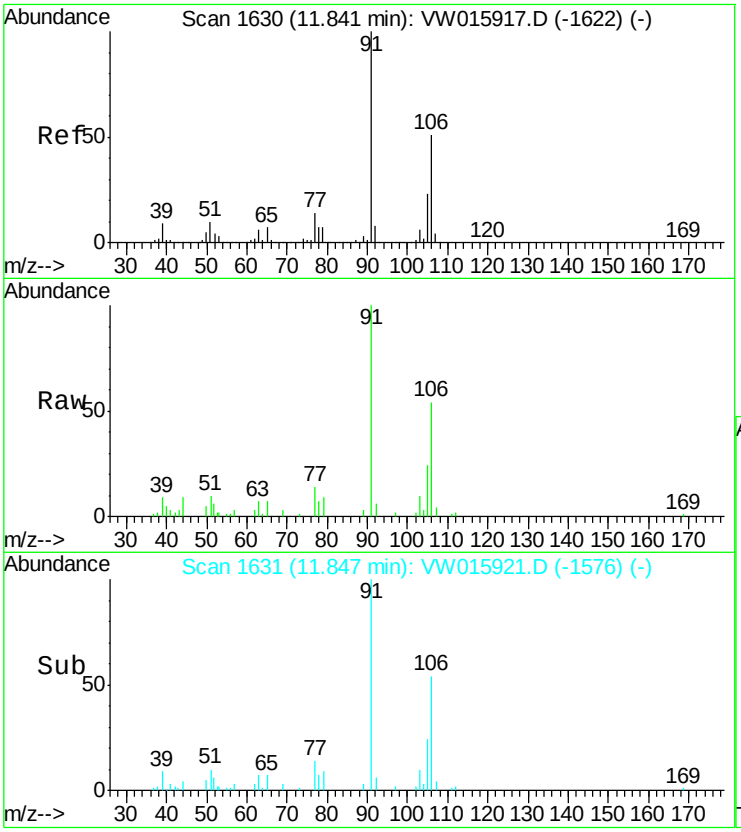


#53
Ethylbenzene
Concen: 0.392 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion: 91 Resp: 13018

Ion	Ratio	Lower	Upper
91	100		
106	30.6	22.4	41.6





#54
m,p-Xylene
Concen: 0.367 ug/L
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion:106 Resp: 4559

Ion	Ratio	Lower	Upper
106	100		
91	183.9	144.1	267.5

Instrument :
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ClientSampleId :
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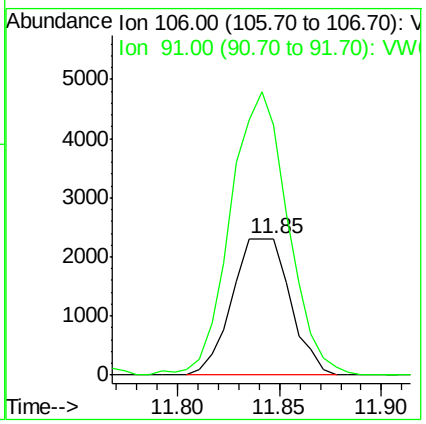

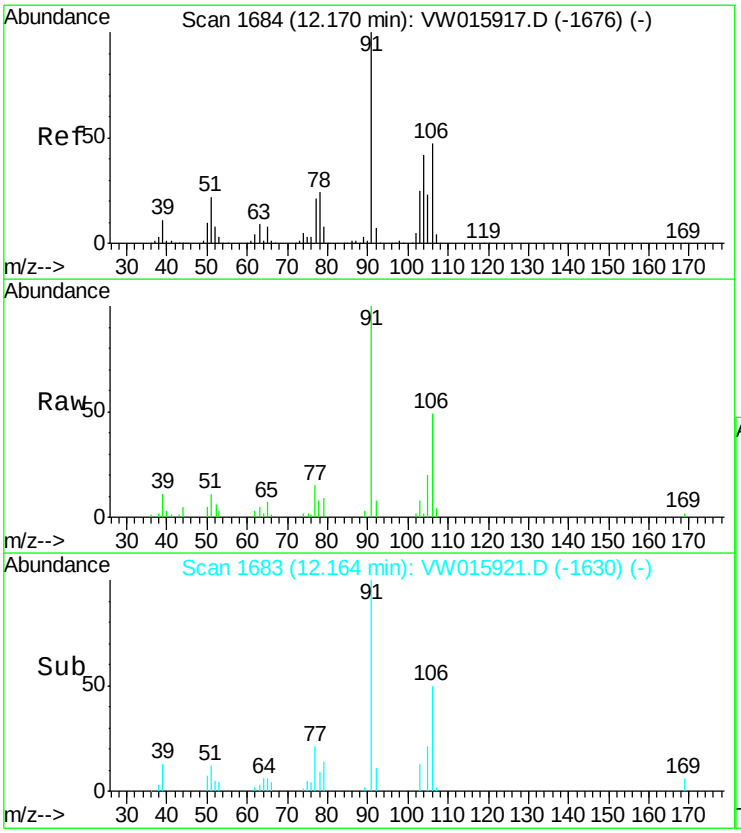

#55
o-xylene
Concen: 0.445 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015921.D
Acq: 23 Jul 2020 15:05

Tgt Ion:106 Resp: 5199

Ion	Ratio	Lower	Upper
106	100		
91	205.9	146.8	272.6