Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009801.D
Acq On : 07 Apr 2019 11:13
Operator : SY/VA
Sample : K2168-18
Misc : 4.89G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF675

Manual Integrations APPROVED
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4/11/2019 11:43:29 AM

Quant Time: Apr 08 01:03:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 00:51:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	288508	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114150	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	40348	10.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 42.76%			
7) Chloroethane-d5	2.89	69	59868	17.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.24%			
10) 1,1-Dichloroethene-d2	4.01	63	90374	11.13	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 44.52%#			
20) 2-Butanone-d5	7.07	46	72389	59.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.10%			
24) Chloroform-d	7.64	84	224068	28.46	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.84%			
26) 1,2-Dichloroethane-d4	8.30	65	155834	32.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 128.96%			
29) Benzene-d6	8.27	84	372011	23.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.44%			
33) 1,2-Dichloropropane-d6	9.27	67	140866	28.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 114.56%			
37) Toluene-d8	10.32	98	314749	21.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.52%			
38) trans-1,3-Dichloropropene-	10.57	79	51456	21.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.72%			
39) 2-Hexanone-d5	10.93	63	44145	47.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.22%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109934	24.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.16%			
61) 1,2-Dichlorobenzene-d4	13.85	152	110579	27.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.44%			
Target Compounds						Qvalue
13) Acetone	4.12	43	18369	13.986	ug/L	99
14) Carbon disulfide	4.39	76	8114m	0.681	ug/L	
16) Methylene chloride	4.90	84	11569m	2.274	ug/L	
21) 2-Butanone	7.18	43	3373	2.019	ug/L	92
53) Ethylbenzene	11.73	91	7791	0.354	ug/L	96
54) m,p-Xylene	11.83	106	13463	1.653	ug/L	98
55) o-xylene	12.16	106	7530	0.971	ug/L	98

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

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Instrument :
MSVOA_W
ClientSampleId :
BF675

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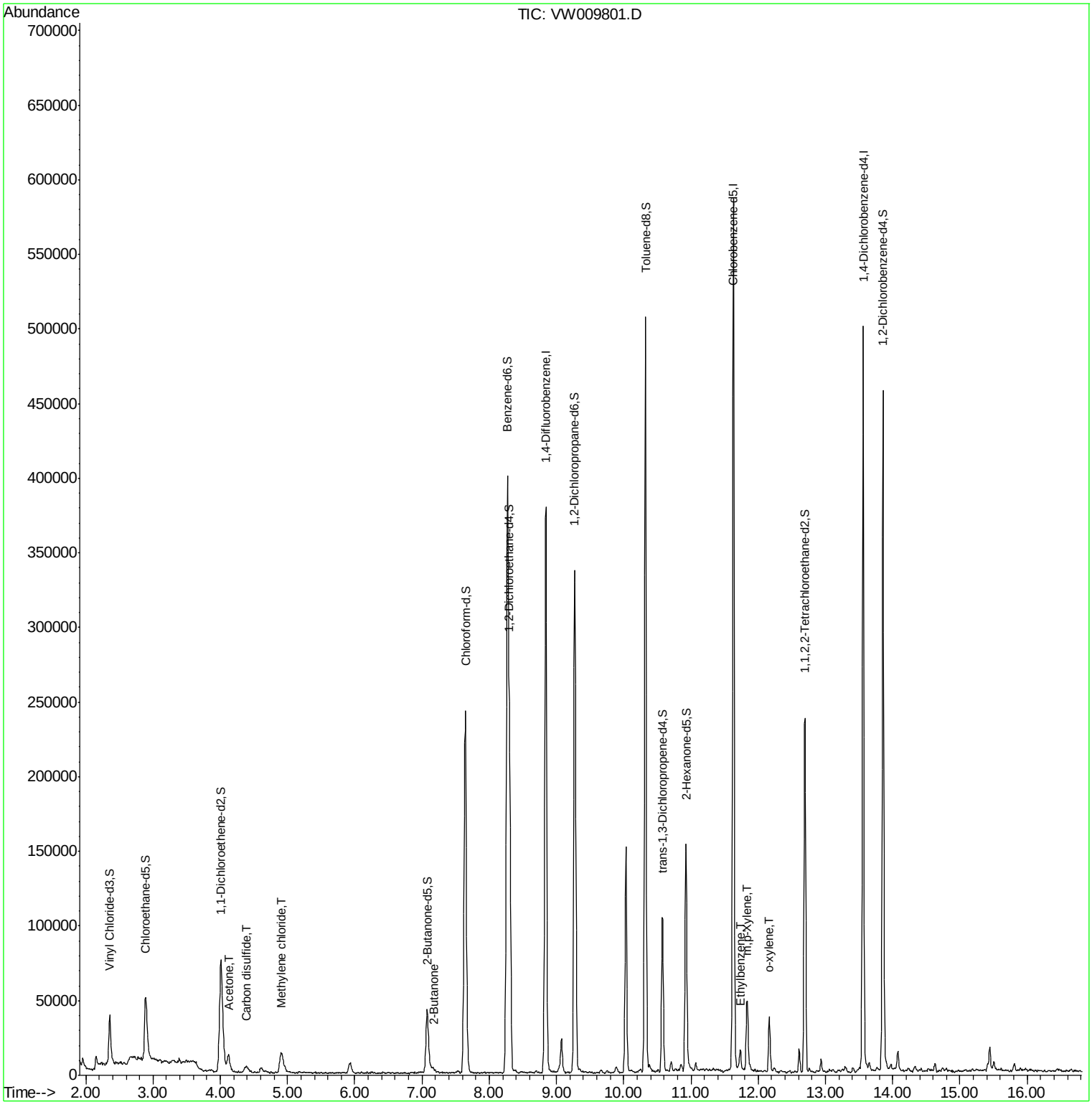

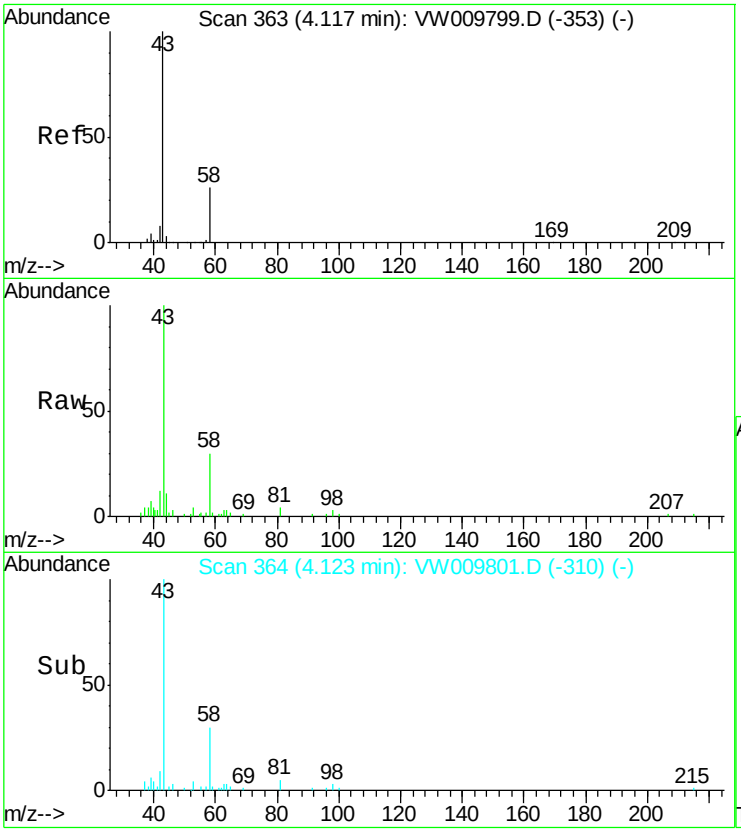

#13
Acetone
Concen: 13.986 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion: 43 Resp: 18369

Ion	Ratio	Lower	Upper
43	100		
58	27.0	0.0	53.0

Instrument :
MSVOA_W
ClientSampleId :
BF675

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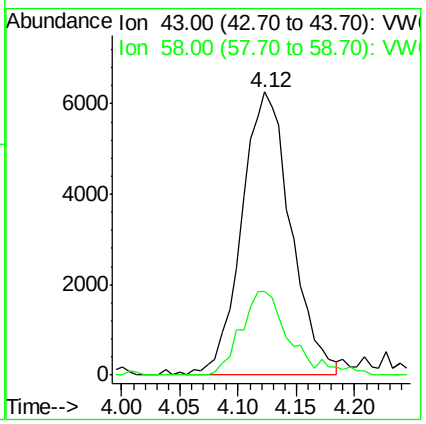
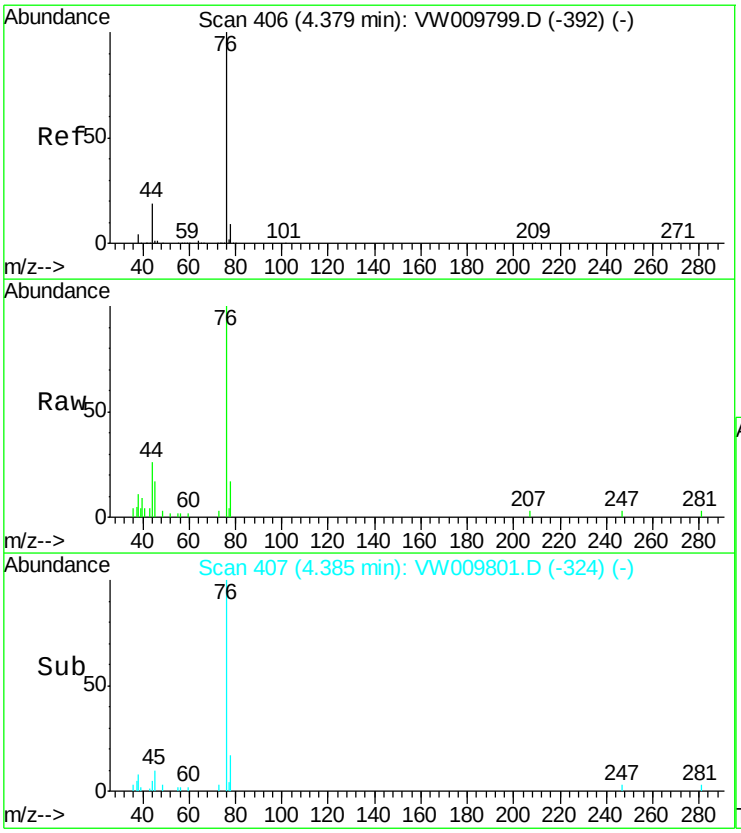
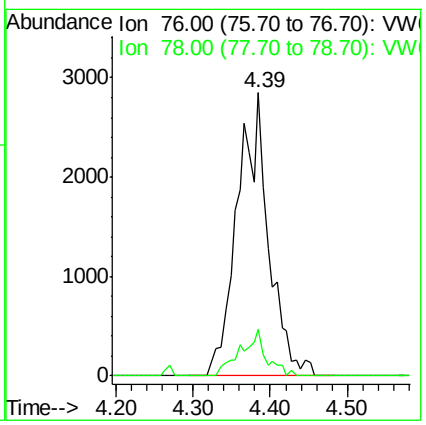


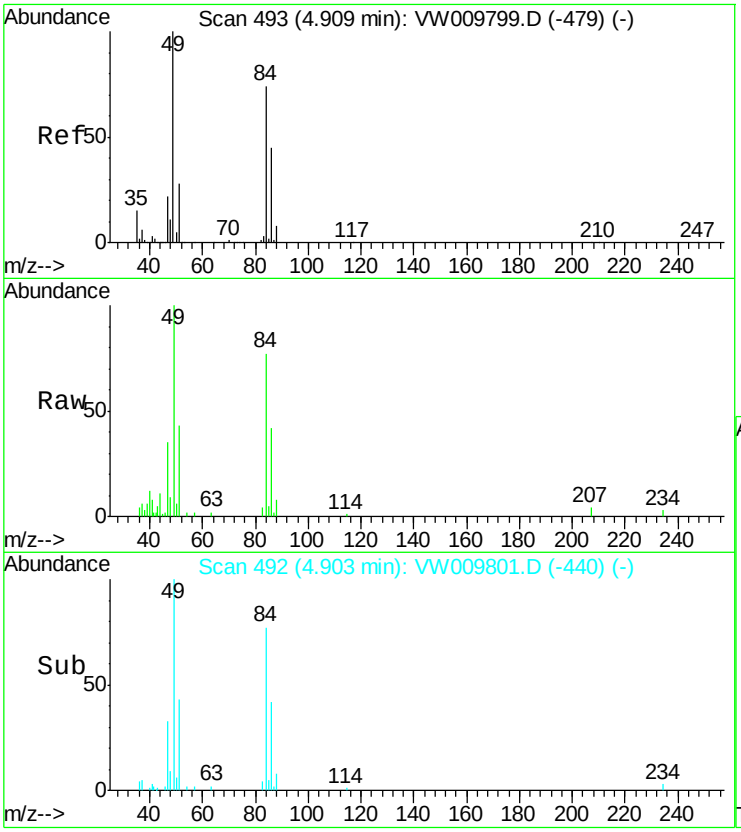


#14
Carbon disulfide
Concen: 0.681 ug/L m
RT: 4.39 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion: 76 Resp: 8114

Ion	Ratio	Lower	Upper
76	100		
78	16.5	7.3	10.9#

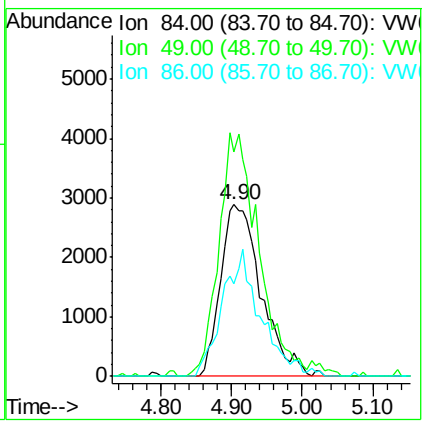




#16
Methylene chloride
Concen: 2.274 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion: 84 Resp: 11569

Ion	Ratio	Lower	Upper
84	100		
49	130.4	98.3	182.5
86	54.2	46.4	86.2



Instrument :
MSVOA_W
ClientSampleId :
BF675

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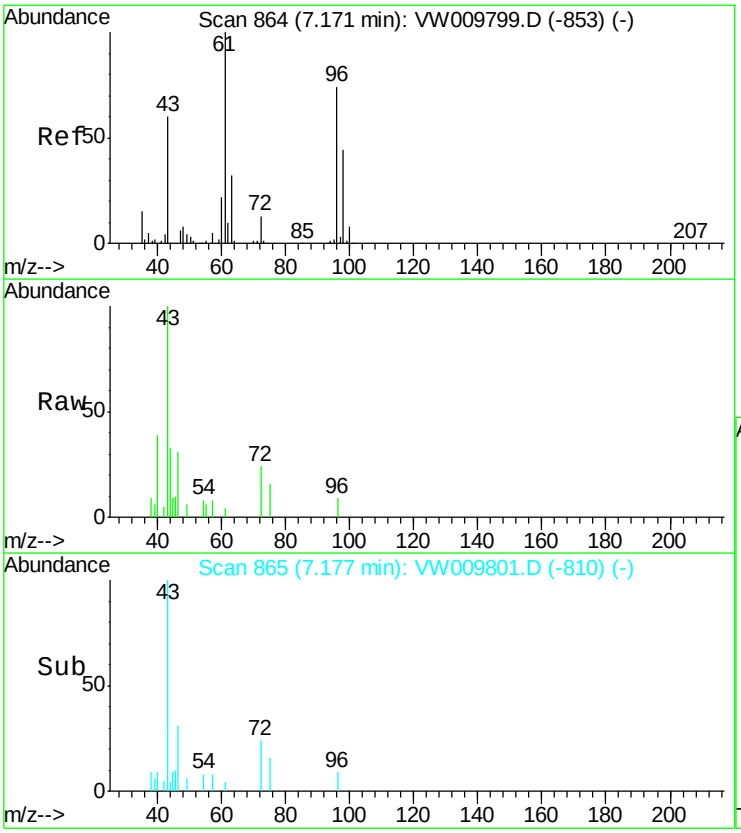
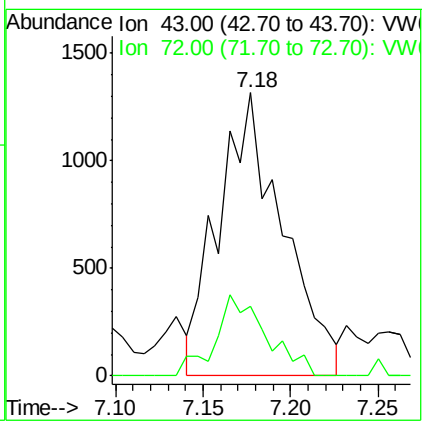
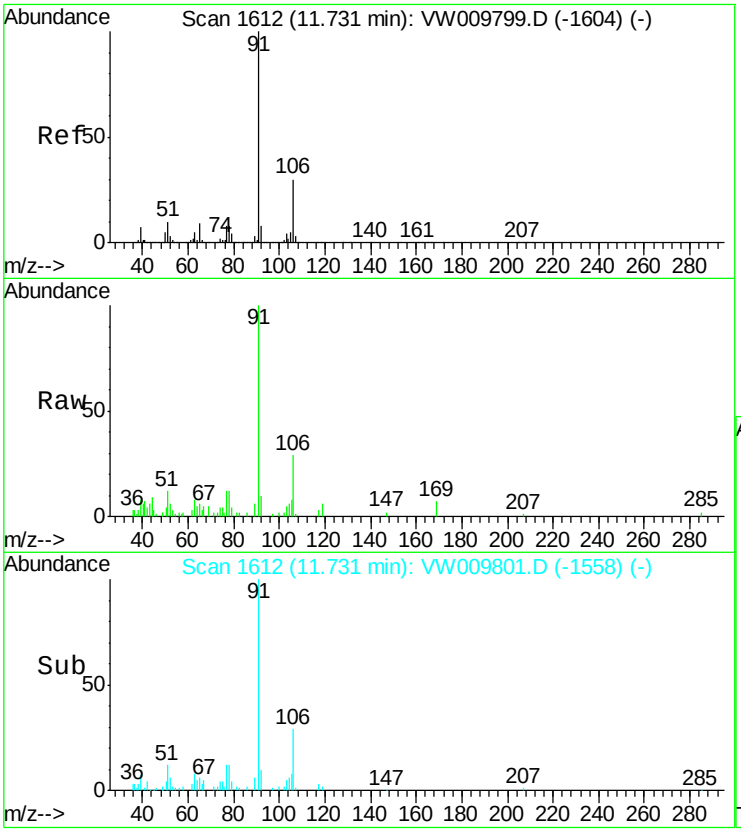


#21
2-Butanone
Concen: 2.019 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion: 43 Resp: 3373

Ion	Ratio	Lower	Upper
43	100		
72	20.0	12.0	36.1





#53
Ethylbenzene
Concen: 0.354 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion: 91 Resp: 7791

Ion	Ratio	Lower	Upper
91	100		
106	28.7	21.5	39.9

Instrument :
MSVOA_W
ClientSampleId :
BF675

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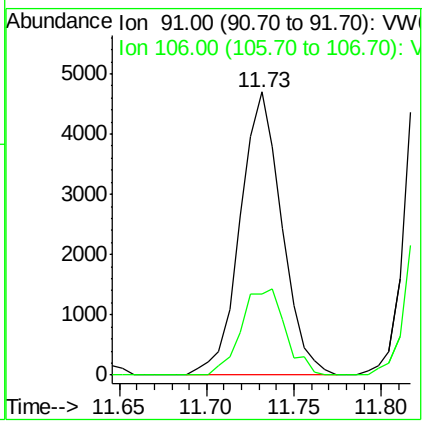
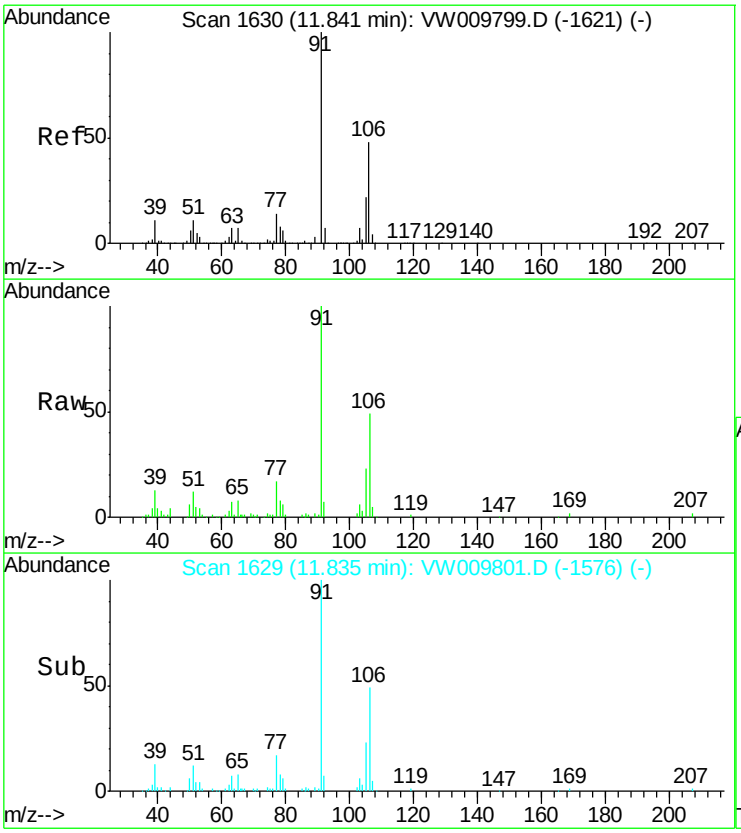
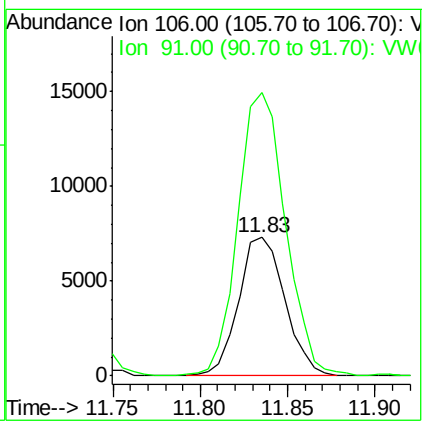


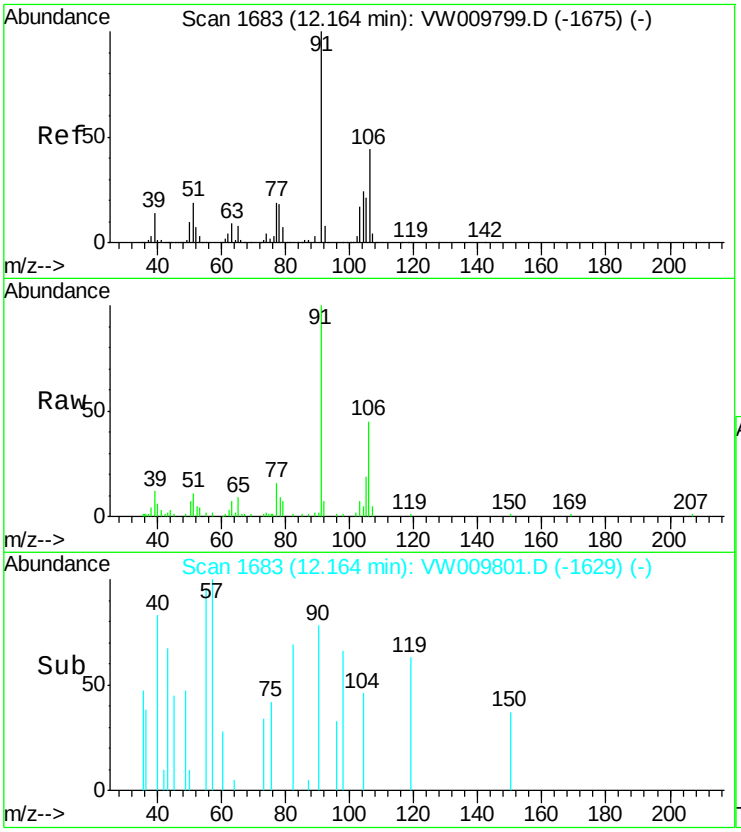


#54
m,p-Xylene
Concen: 1.653 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion:106 Resp: 13463

Ion	Ratio	Lower	Upper
106	100		
91	204.4	145.3	269.9

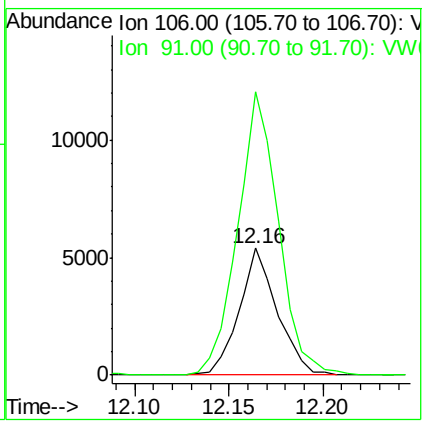




#55
o-xylene
Concen: 0.971 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009801.D
Acq: 07 Apr 2019 11:13

Tgt Ion:106 Resp: 7530

Ion	Ratio	Lower	Upper
106	100		
91	223.0	153.9	285.7



Instrument :
MSVOA_W
ClientSampleId :
BF675

Manual Integrations APPROVED
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