Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010198.D
Acq On : 29 Apr 2019 23:41
Operator : SY/VA
Sample : K2606-10
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5144

Quant Time: Apr 30 07:56:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308008	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79937	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	98343	20.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.68%			
7) Chloroethane-d5	2.89	69	83922	21.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.04%			
10) 1,1-Dichloroethene-d2	4.01	63	144889	13.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 54.12%			
20) 2-Butanone-d5	7.07	46	171721	96.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 193.38%#			
24) Chloroform-d	7.65	84	266732	24.25	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	8.31	65	187191	29.62	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.48%			
29) Benzene-d6	8.27	84	447714	26.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.96%			
33) 1,2-Dichloropropane-d6	9.27	67	163431	31.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 126.16%#			
37) Toluene-d8	10.32	98	311808	20.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.68%			
38) trans-1,3-Dichloropropene-	10.58	79	72015	30.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 120.68%			
39) 2-Hexanone-d5	10.93	63	140151	128.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 257.42%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166106	37.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 150.16%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	69517	23.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.64%			
Target Compounds						Qvalue
13) Acetone	4.12	43	53890	38.395	ug/L	100
14) Carbon disulfide	4.37	76	73452	4.947	ug/L	96
21) 2-Butanone	7.17	43	26252	13.337	ug/L #	72
34) Benzene	8.32	78	104256	6.032	ug/L	100
44) Toluene	10.38	91	129652	7.009	ug/L	98
53) Ethylbenzene	11.73	91	18252	0.871	ug/L	93
54) m,p-Xylene	11.84	106	14406	1.828	ug/L	88
55) o-xylene	12.16	106	7234	0.971	ug/L	100

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

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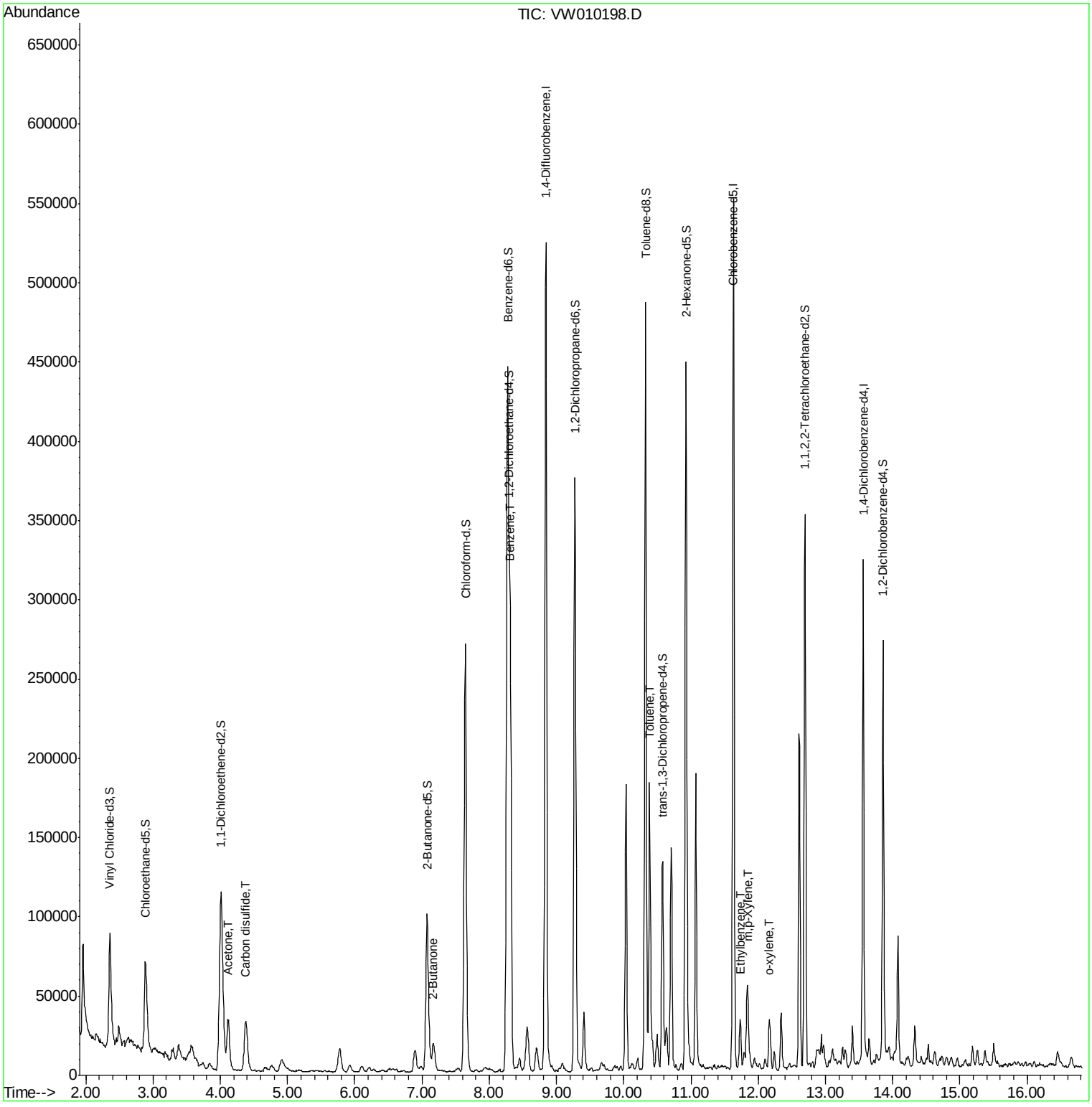
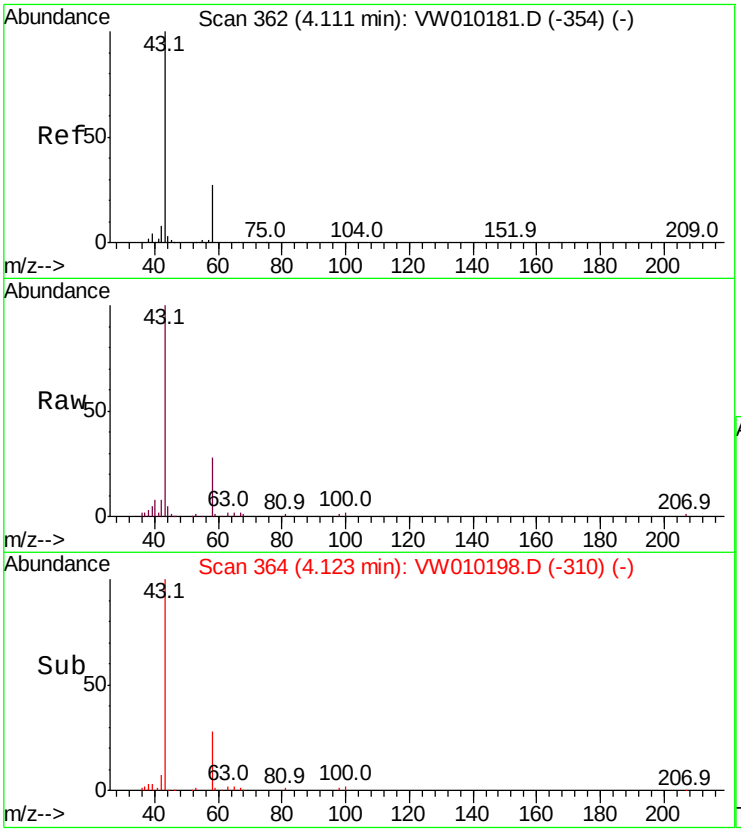


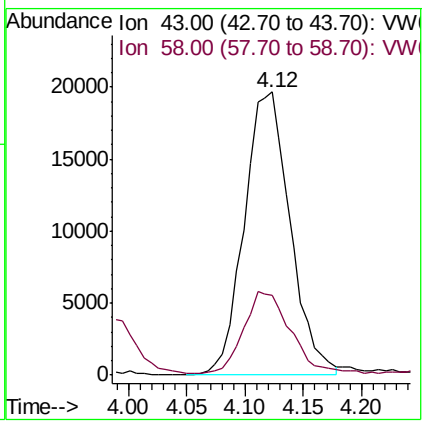


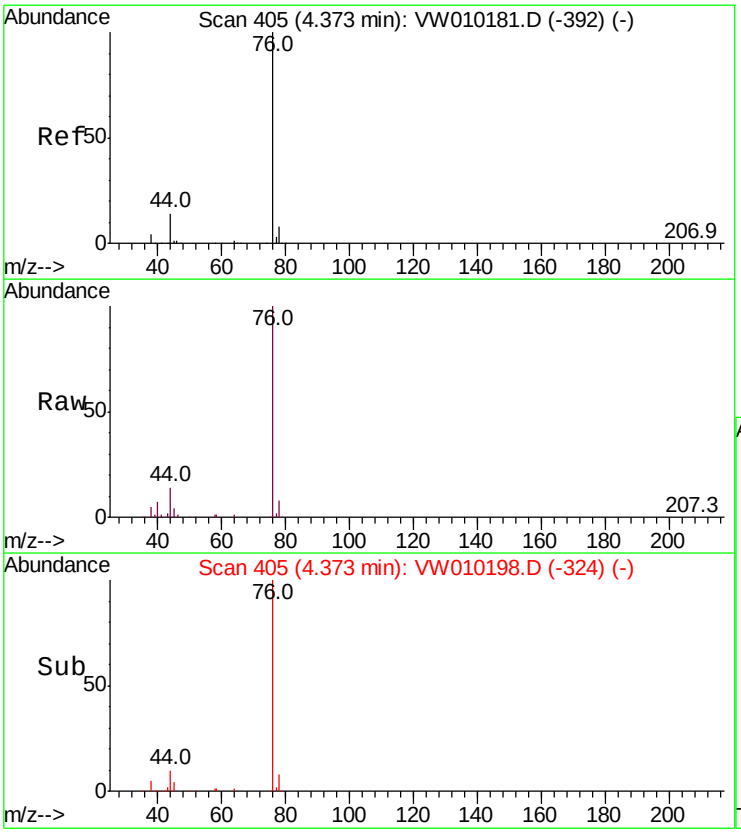
#13
Acetone
Concen: 38.395 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Instrument : MSVOA_W
ClientSampleId : A5144

Tgt Ion: 43 Resp: 53890

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	59.8

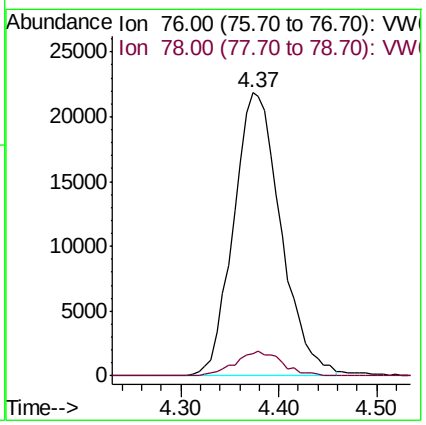


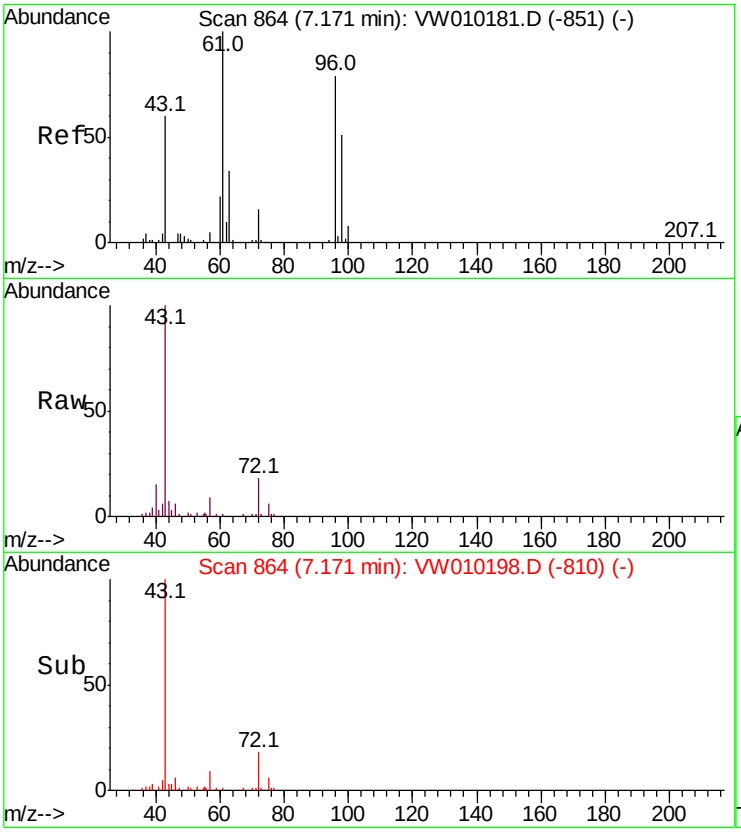


#14
Carbon disulfide
Concen: 4.947 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Tgt Ion: 76 Resp: 73452

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.3	10.9



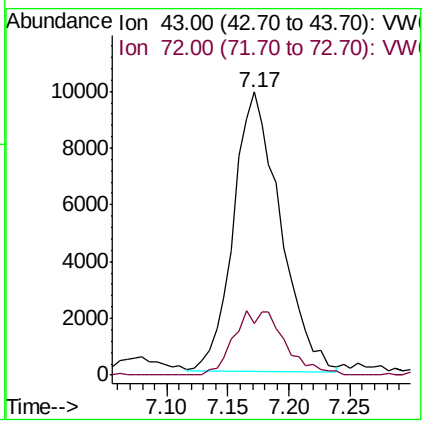


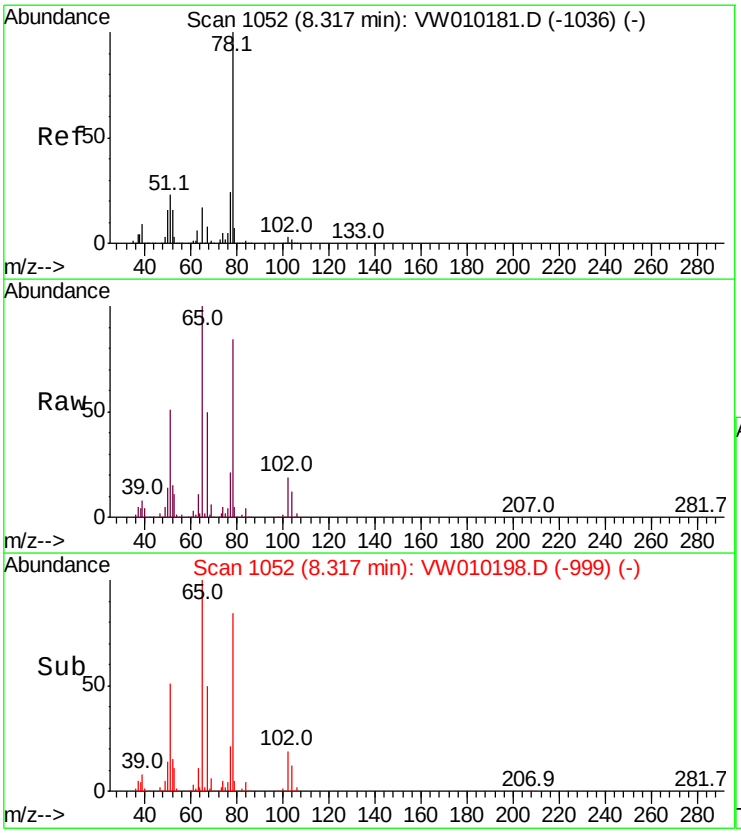
#21
2-Butanone
Concen: 13.337 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :
A5144

Tgt Ion: 43 Resp: 26252

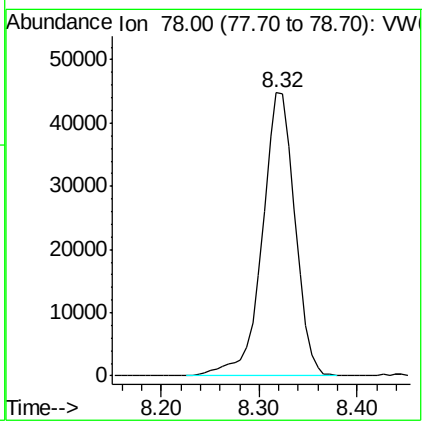
Ion	Ratio	Lower	Upper
43	100		
72	11.1	12.8	38.3#

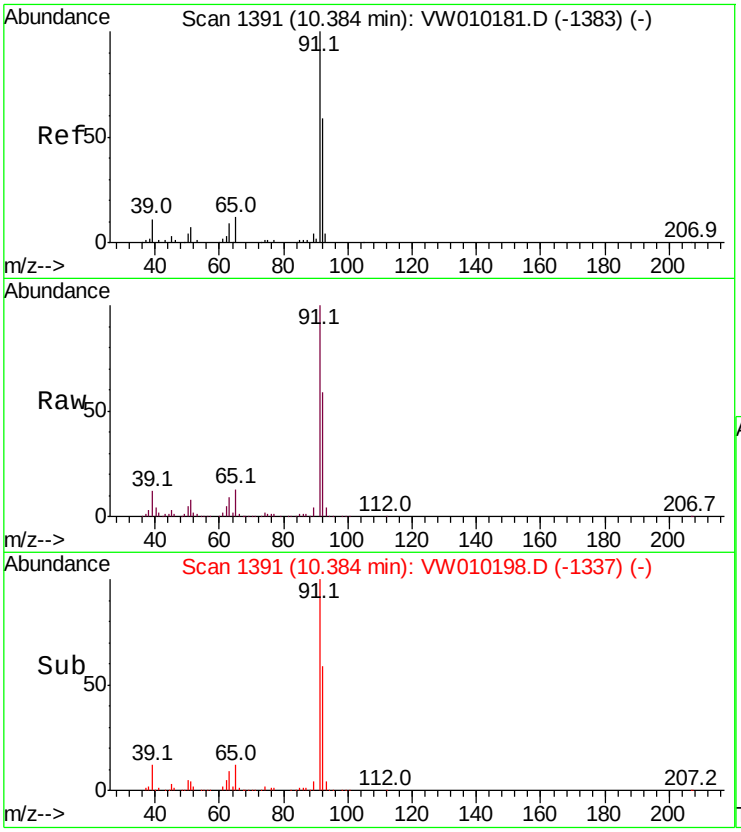




#34
Benzene
Concen: 6.032 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Tgt Ion: 78 Resp: 104256



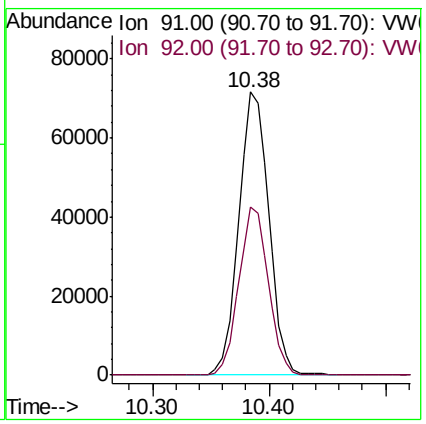


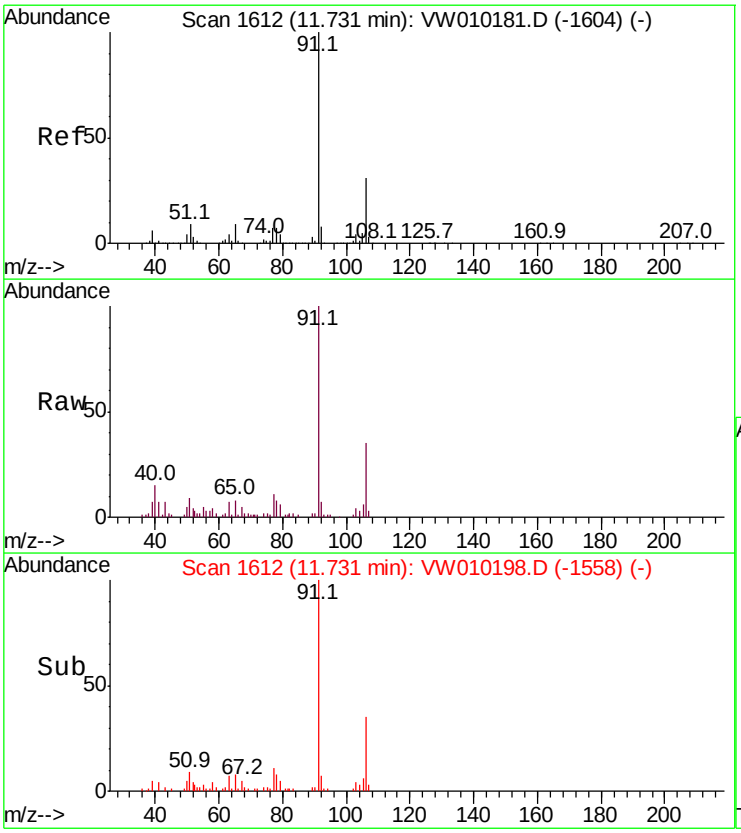
#44
Toluene
Concen: 7.009 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Instrument :
MSVOA_W
ClientSampleId :
A5144

Tgt Ion: 91 Resp: 129652

Ion	Ratio	Lower	Upper
91	100		
92	59.4	40.4	75.0

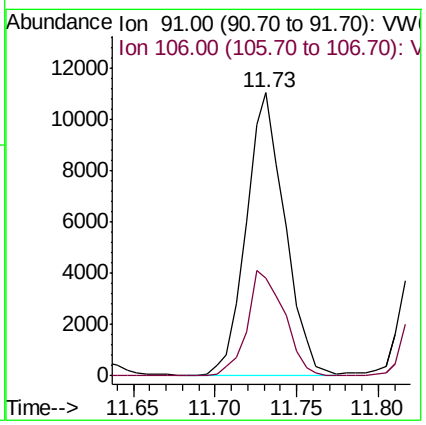


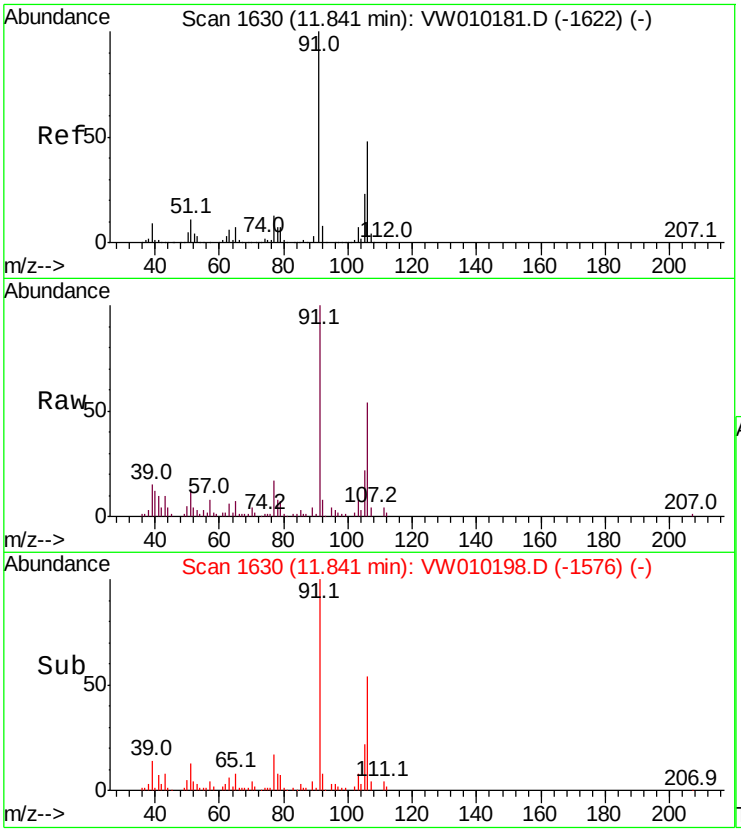


#53
Ethylbenzene
Concen: 0.871 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Tgt Ion: 91 Resp: 18252

Ion	Ratio	Lower	Upper
91	100		
106	34.6	21.3	39.6



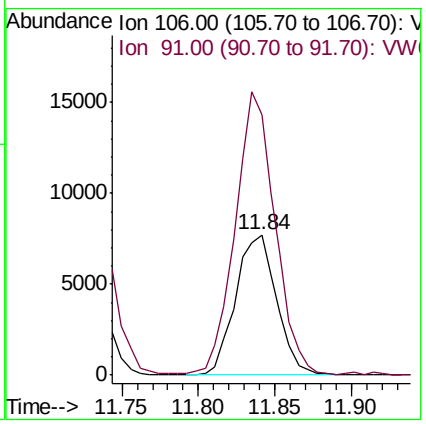


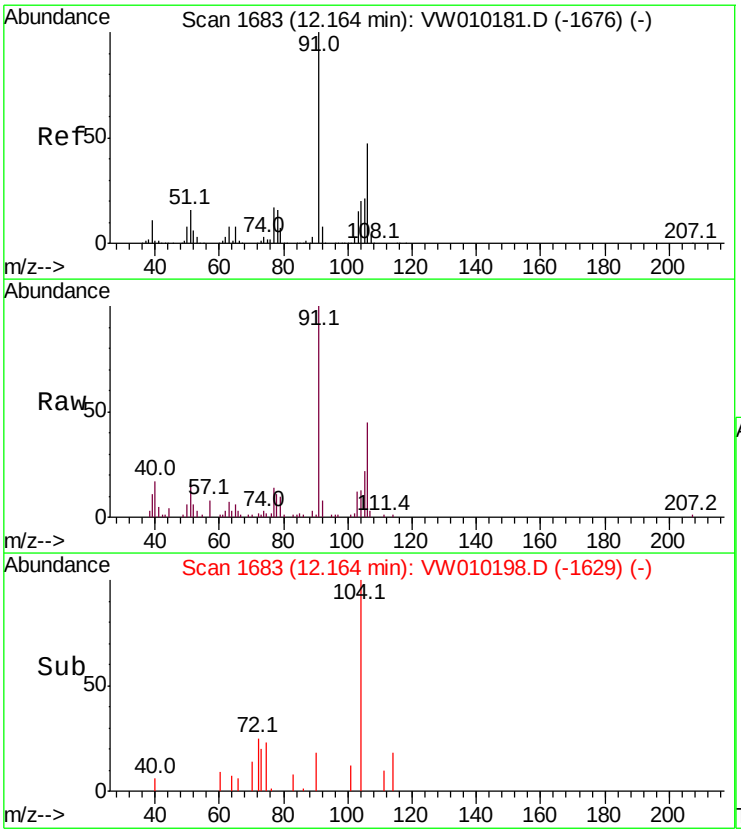
#54
m,p-Xylene
Concen: 1.828 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Instrument : MSVOA_W
ClientSampleId : A5144

Tgt Ion:106 Resp: 14406

Ion	Ratio	Lower	Upper
106	100		
91	186.3	143.8	267.0





#55
o-xylene
Concen: 0.971 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010198.D
Acq: 29 Apr 2019 23:41

Tgt Ion:106 Resp: 7234

Ion	Ratio	Lower	Upper
106	100		
91	223.3	156.2	290.2