Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007929.D
Acq On : 26 Dec 2018 17:58
Operator : SY/AP
Sample : J6441-07RE
Misc : 4.54G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BE7Z6RE

Quant Time: Dec 27 01:54:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	87366	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	58013	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	16304	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	20191	23.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.80%			
7) Chloroethane-d5	2.89	69	14552	25.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.36%			
10) 1,1-Dichloroethene-d2	4.01	63	40051	17.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.72%			
20) 2-Butanone-d5	7.08	46	14490	39.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.92%			
24) Chloroform-d	7.65	84	54473	23.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.76%			
26) 1,2-Dichloroethane-d4	8.30	65	31511	22.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.44%			
29) Benzene-d6	8.27	84	103714	31.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.52%			
33) 1,2-Dichloropropane-d6	9.27	67	28843	32.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 130.36%#			
37) Toluene-d8	10.32	98	84146	26.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.20%			
38) trans-1,3-Dichloropropene-	10.58	79	10787	21.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.92%			
39) 2-Hexanone-d5	10.93	63	11456	50.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.22%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	17309	20.32	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.28%			
61) 1,2-Dichlorobenzene-d4	13.86	152	13767	20.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.64%			
Target Compounds						Qvalue
13) Acetone	4.12	43	21581	60.156	ug/L	99
14) Carbon disulfide	4.37	76	7870	2.460	ug/L	99
21) 2-Butanone	7.18	43	8076	19.784	ug/L	96
34) Benzene	8.32	78	20235	6.518	ug/L	100
36) Methylcyclohexane	9.34	83	1898	1.227	ug/L #	34
44) Toluene	10.39	91	7119	2.050	ug/L	99
53) Ethylbenzene	11.73	91	4039	1.012	ug/L	99
54) m,p-Xylene	11.83	106	4098	2.726	ug/L	99
55) o-xylene	12.17	106	3161	2.217	ug/L	96
57) Isopropylbenzene	12.47	105	8079	2.000	ug/L	94

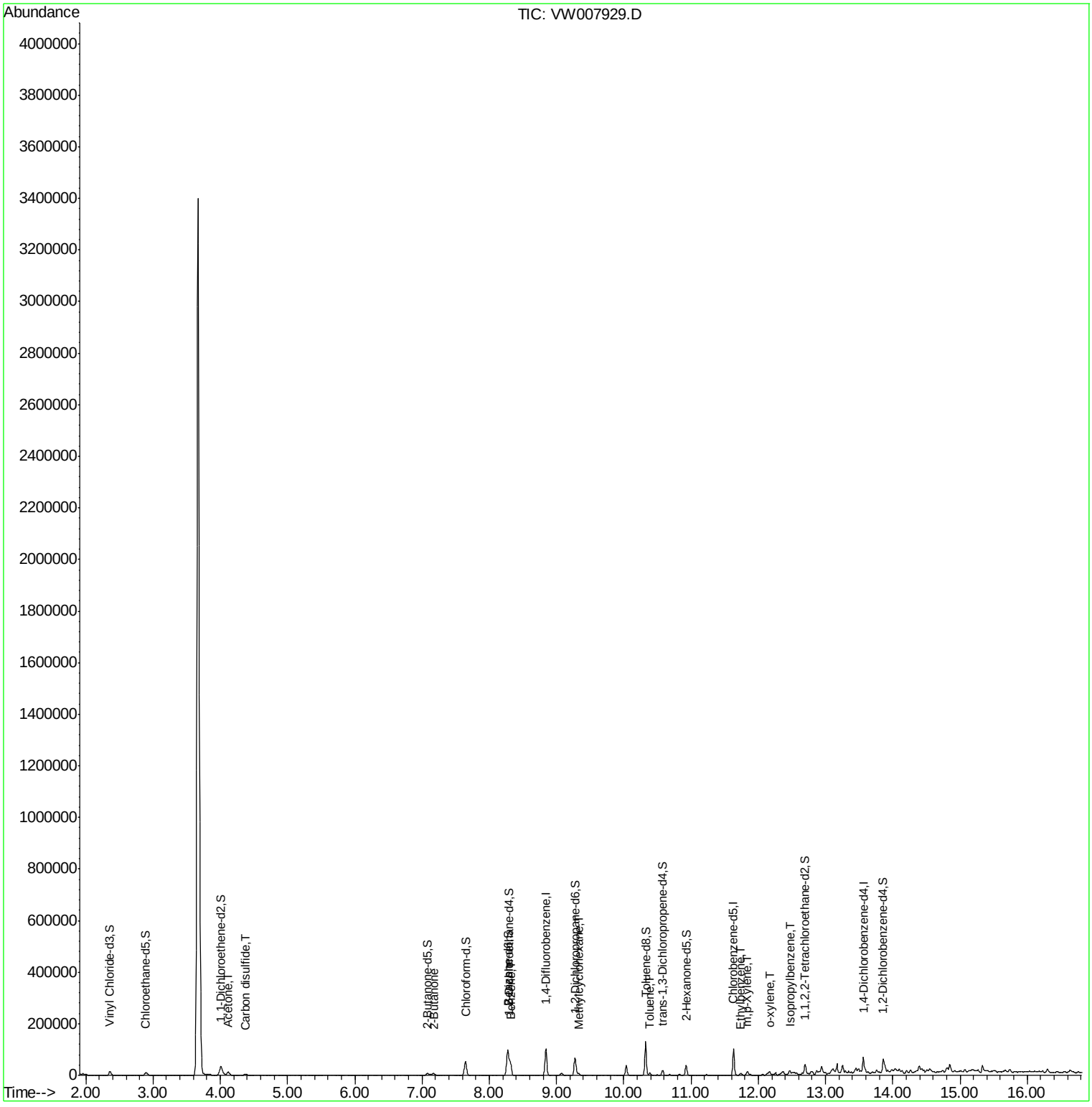
(#) = qualifier out of range (m) = manual integration (+) = signals summed

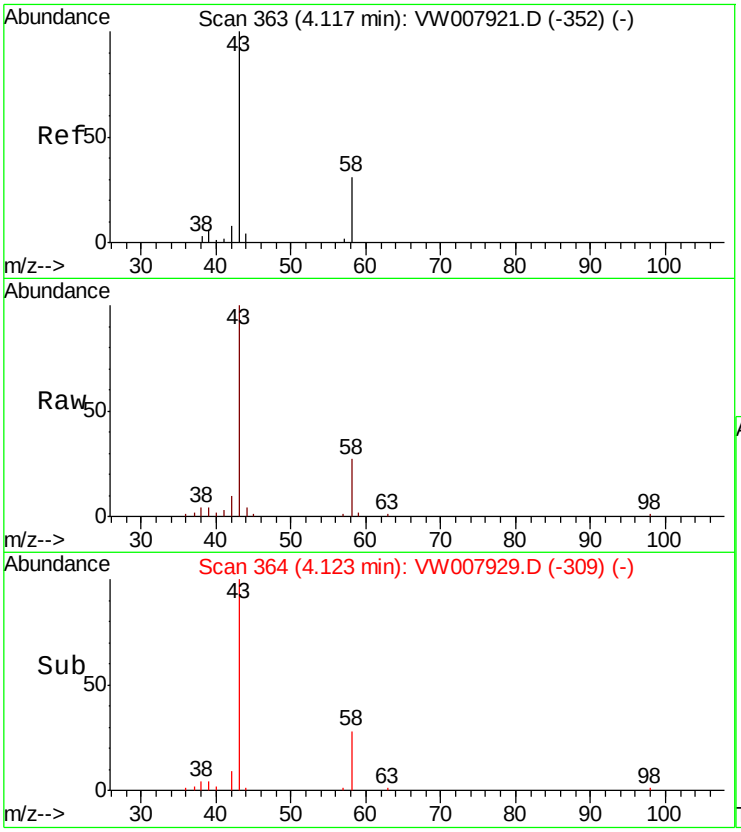
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007929.D
Acq On : 26 Dec 2018 17:58
Operator : SY/AP
Sample : J6441-07RE
Misc : 4.54G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BE7Z6RE

Quant Time: Dec 27 01:54:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration



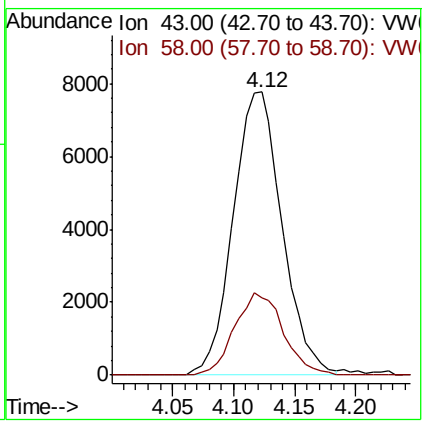


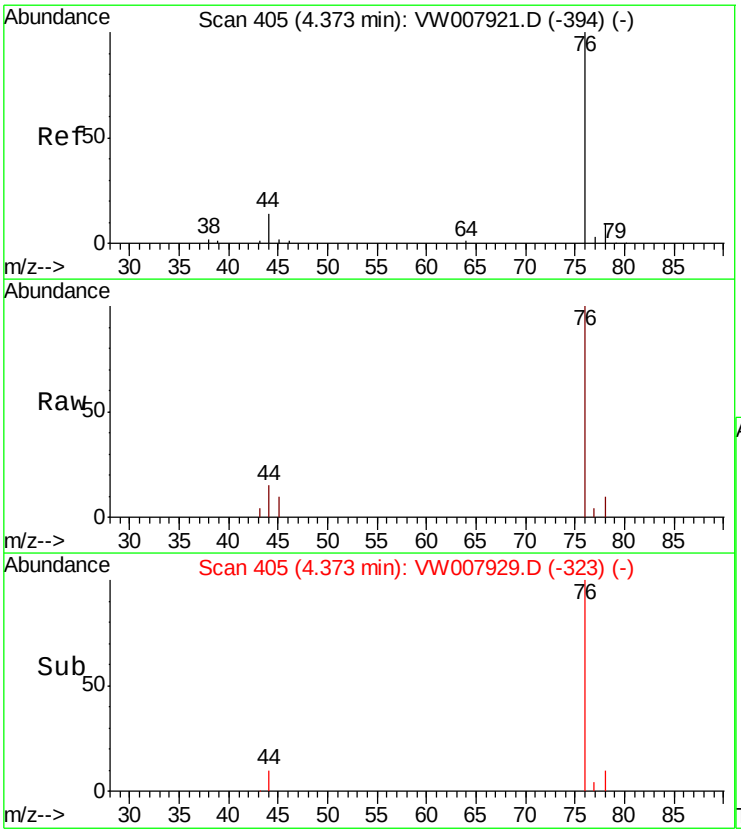
#13
Acetone
Concen: 60.156 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Instrument :
MSVOA_W
ClientSampleId :
BE7Z6RE

Tgt Ion: 43 Resp: 21581

Ion	Ratio	Lower	Upper
43	100		
58	28.7	0.0	58.6

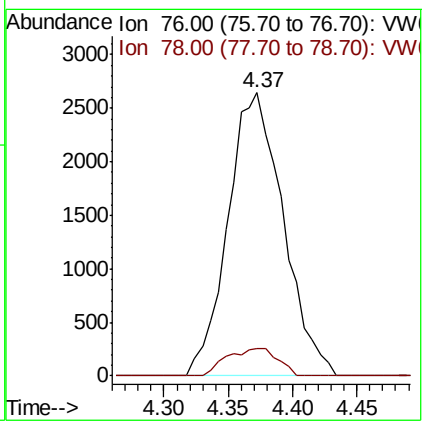


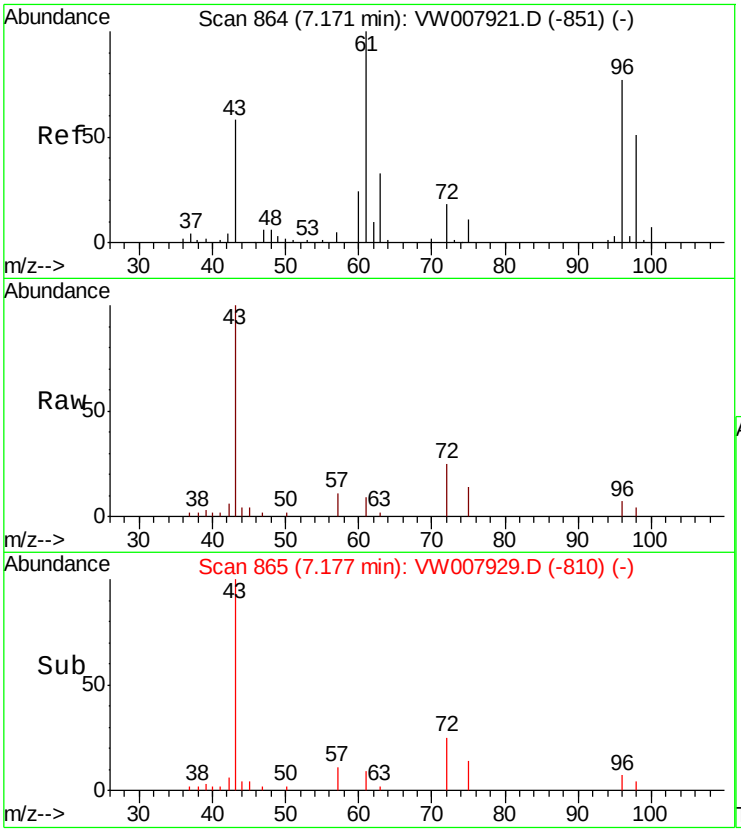


#14
Carbon disulfide
Concen: 2.460 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Tgt Ion: 76 Resp: 7870

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.5	11.3



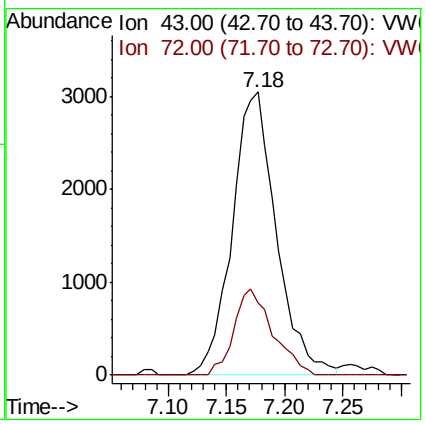


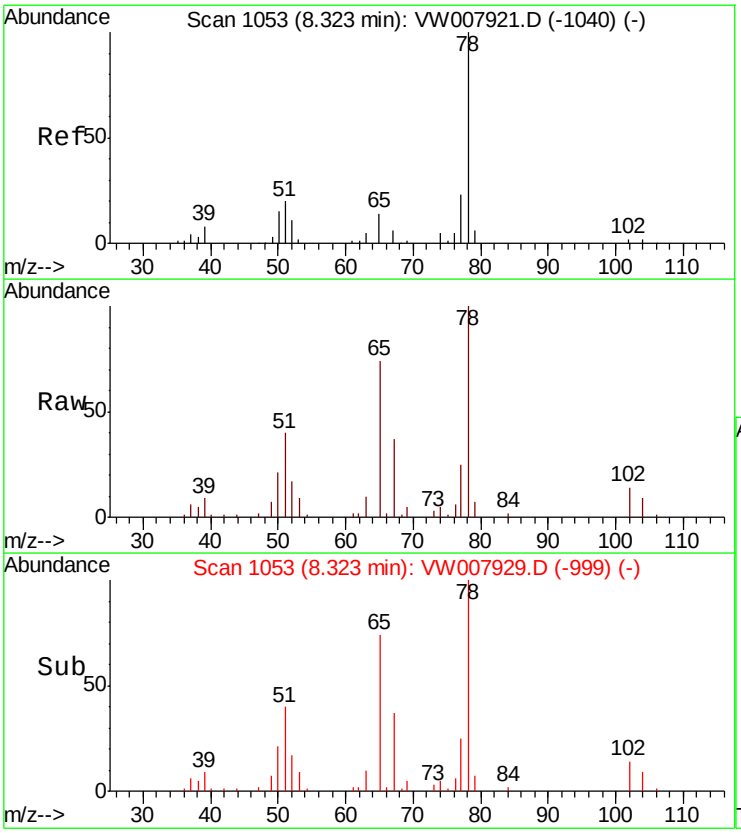
#21
2-Butanone
Concen: 19.784 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Instrument :
MSVOA_W
ClientSampleId :
BE7Z6RE

Tgt Ion: 43 Resp: 8076

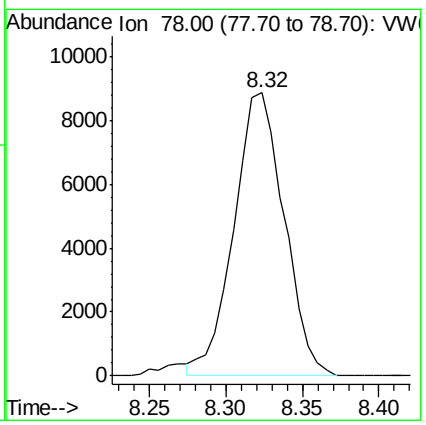
Ion	Ratio	Lower	Upper
43	100		
72	26.7	14.4	43.4

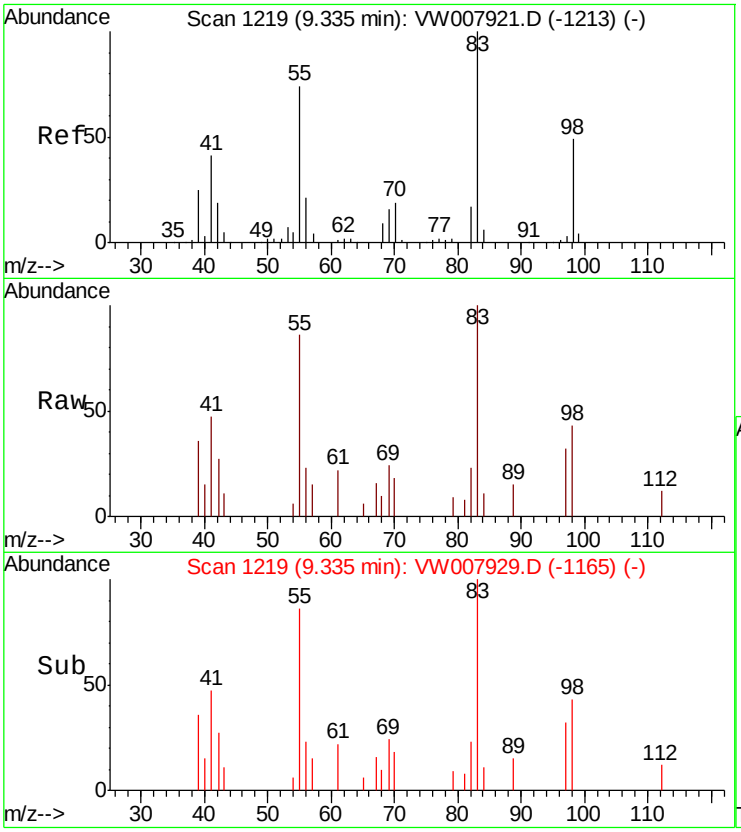




#34
Benzene
Concen: 6.518 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Tgt Ion: 78 Resp: 20235



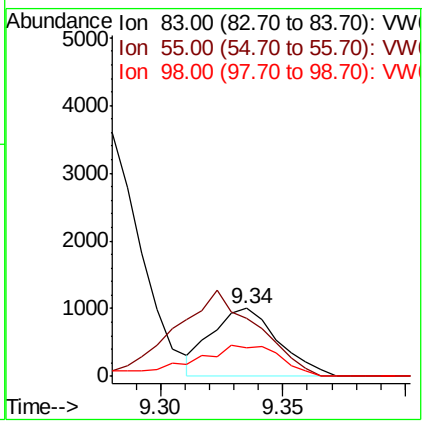


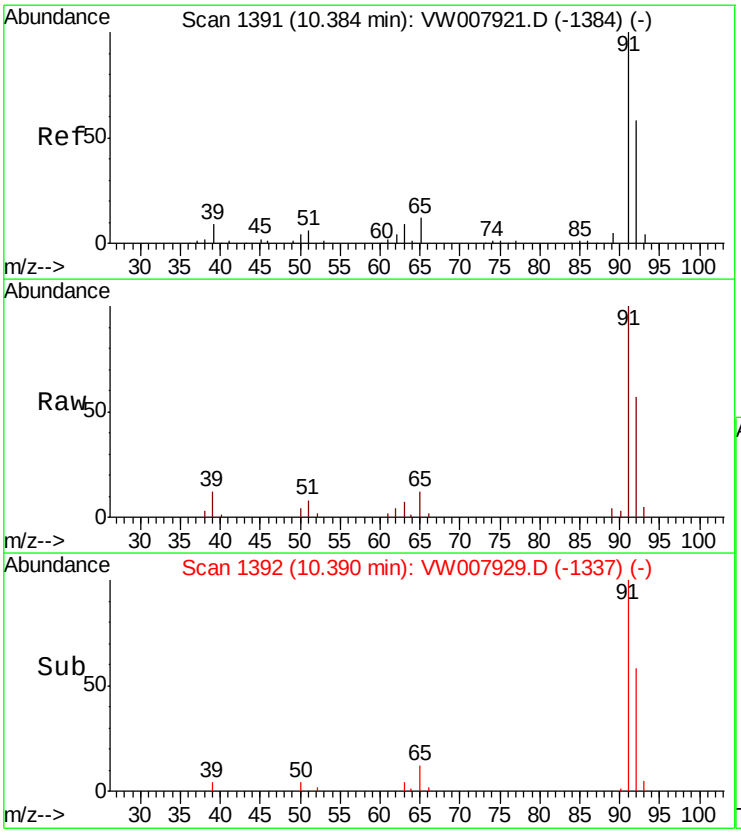
#36
Methylcyclohexane
Concen: 1.227 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Instrument : MSVOA_W
ClientSampleId : BE7Z6RE

Tgt Ion: 83 Resp: 1898

Ion	Ratio	Lower	Upper
83	100		
55	158.4	59.4	89.0#
98	57.4	38.2	57.2#

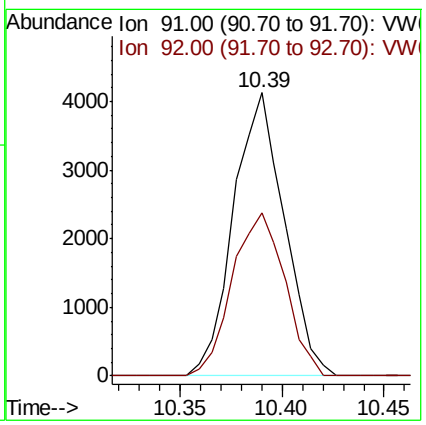


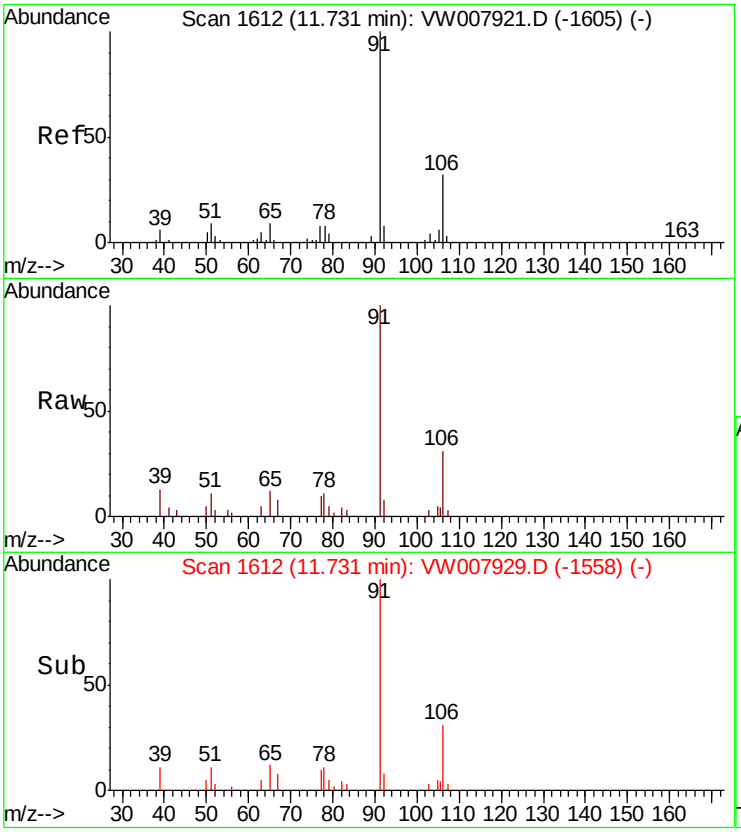


#44
Toluene
Concen: 2.050 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Tgt Ion: 91 Resp: 7119

Ion	Ratio	Lower	Upper
91	100		
92	57.4	39.6	73.6



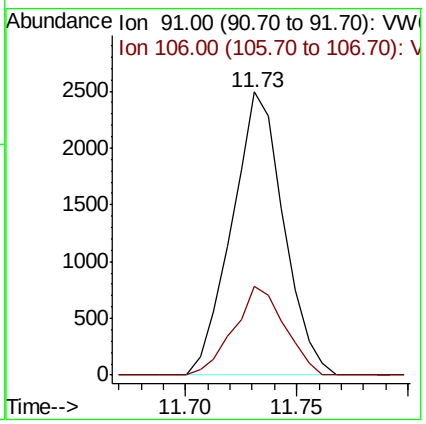


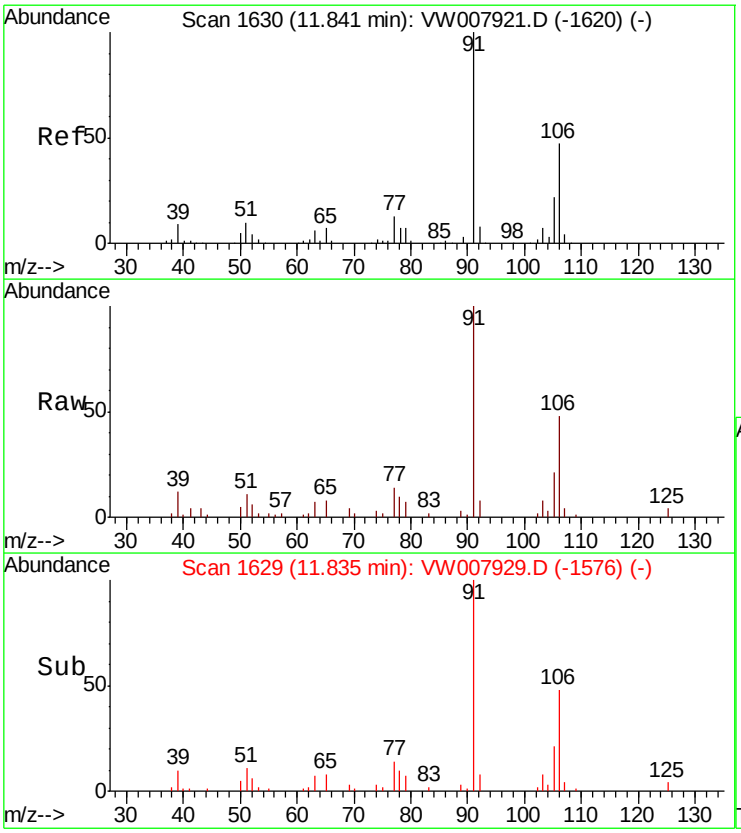
#53
Ethylbenzene
Concen: 1.012 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Instrument : MSVOA_W
ClientSampleId : BE7Z6RE

Tgt Ion: 91 Resp: 4039

Ion	Ratio	Lower	Upper
91	100		
106	31.5	21.5	39.9

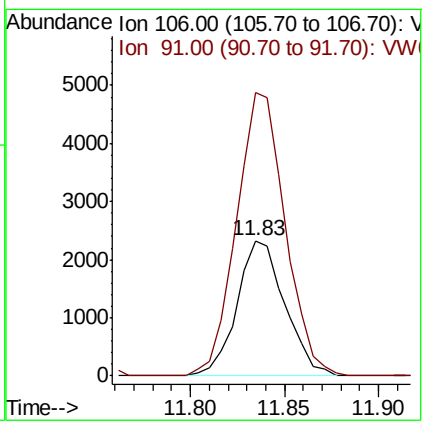


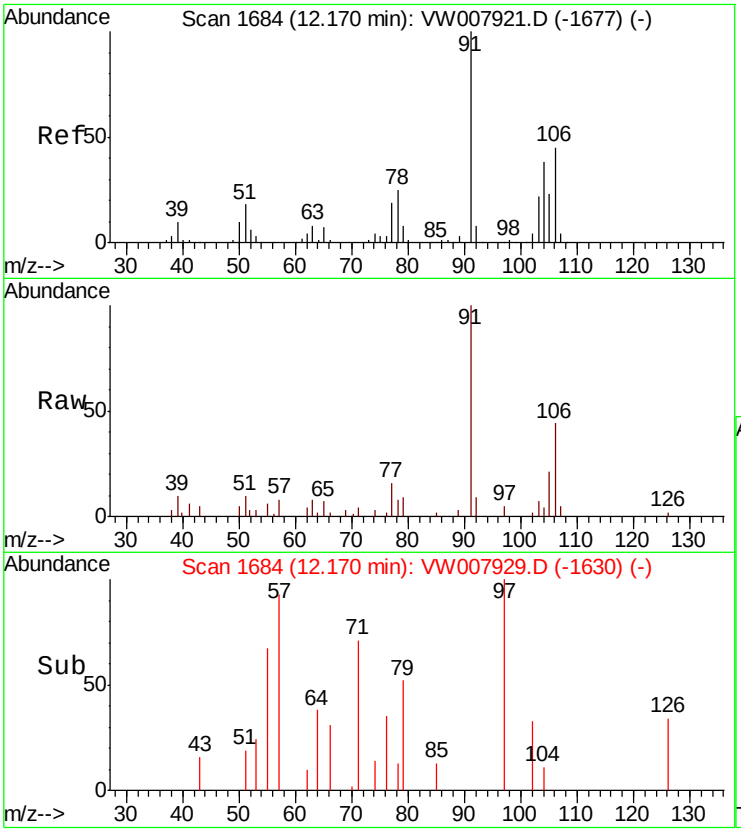


#54
m,p-Xylene
Concen: 2.726 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Tgt Ion:106 Resp: 4098

Ion	Ratio	Lower	Upper
106	100		
91	209.8	147.8	274.4



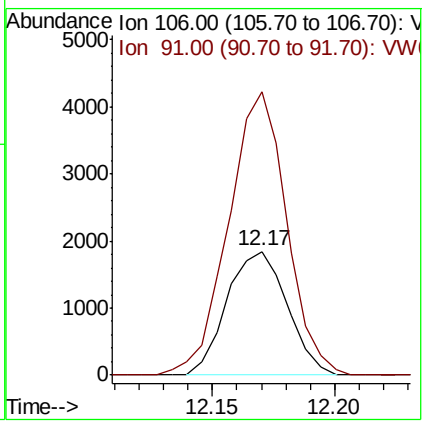


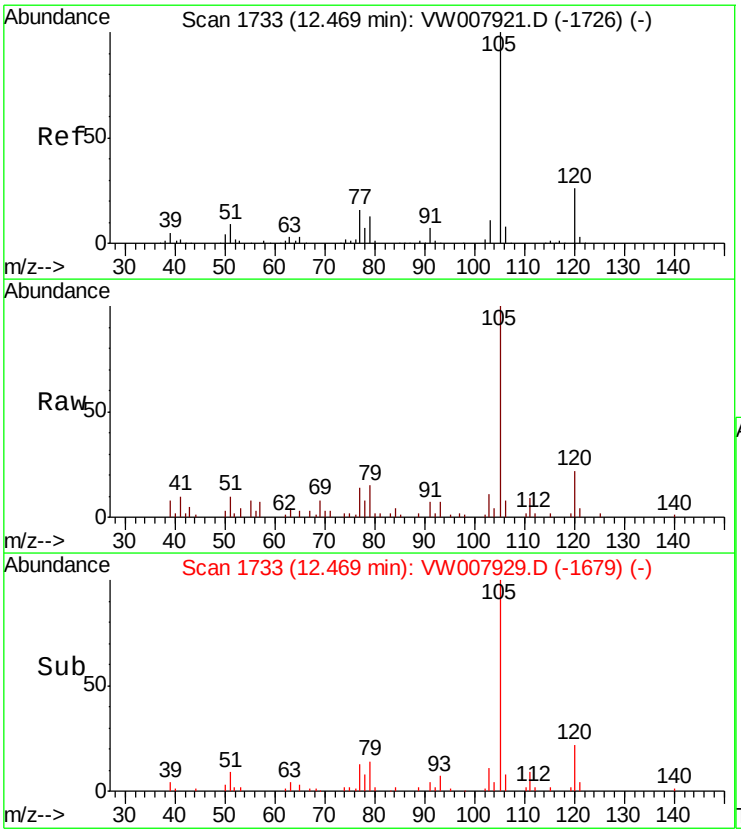
#55
o-xylene
Concen: 2.217 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Instrument :
MSVOA_W
ClientSampleId :
BE7Z6RE

Tgt Ion:106 Resp: 3161

Ion	Ratio	Lower	Upper
106	100		
91	229.4	156.0	289.6





#57
Isopropylbenzene
Concen: 2.000 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007929.D
Acq: 26 Dec 2018 17:58

Tgt Ion:105 Resp: 8079

Ion	Ratio	Lower	Upper
105	100		
120	23.7	21.1	31.7
77	18.0	12.4	18.6