Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014670.D
Acq On : 16 Jan 2020 14:02
Operator : SY/VA
Sample : L1118-04
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GASJ7

Quant Time: Jan 17 03:11:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:19:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1077009	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	952540	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	406044	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	278068	18.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.24%			
7) Chloroethane-d5	2.89	69	222134	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.44%			
10) 1,1-Dichloroethene-d2	4.02	63	403305	14.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.08%			
20) 2-Butanone-d5	7.07	46	161508	44.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.40%			
24) Chloroform-d	7.65	84	505103	20.39	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 81.56%			
26) 1,2-Dichloroethane-d4	8.31	65	279386	21.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.92%			
29) Benzene-d6	8.27	84	1090953	21.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.16%			
33) 1,2-Dichloropropane-d6	9.27	67	341661	22.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.72%			
37) Toluene-d8	10.32	98	968297	21.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.36%			
38) trans-1,3-Dichloropropene-	10.57	79	132594	21.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.32%			
39) 2-Hexanone-d5	10.92	63	126399	48.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.08%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	258256	22.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.32%			
61) 1,2-Dichlorobenzene-d4	13.85	152	296129	22.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.52%			
Target Compounds						Qvalue
13) Acetone	4.12	43	24336	4.865	ug/L	93
14) Carbon disulfide	4.38	76	40856	0.960	ug/L	98
16) Methylene chloride	4.92	84	32609	1.857	ug/L	96
34) Benzene	8.32	78	265913	4.639	ug/L	100
44) Toluene	10.38	91	55680	0.929	ug/L	99
53) Ethylbenzene	11.73	91	114549	1.739	ug/L	100
54) m,p-Xylene	11.83	106	341160	13.688	ug/L	96
55) o-xylene	12.16	106	108209	4.596	ug/L	95

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

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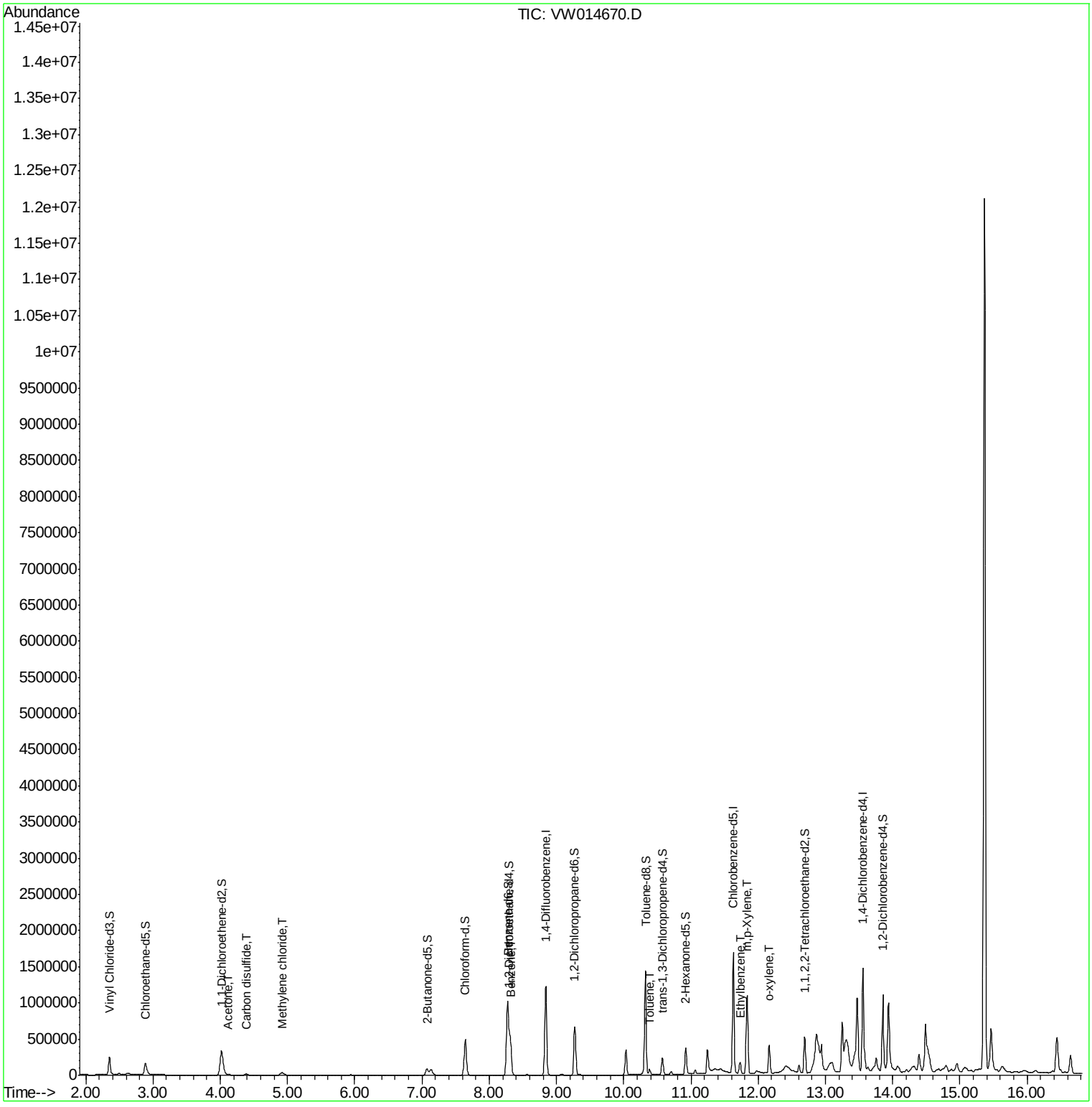
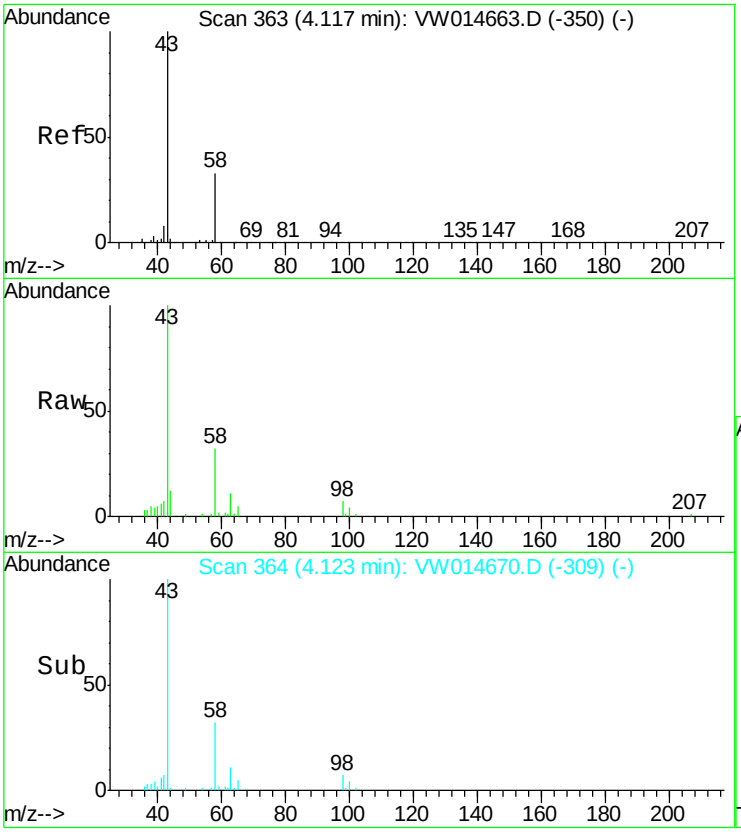
Quant Time: Jan 17 03:11:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:19:13 2020
Response via : Initial Calibration



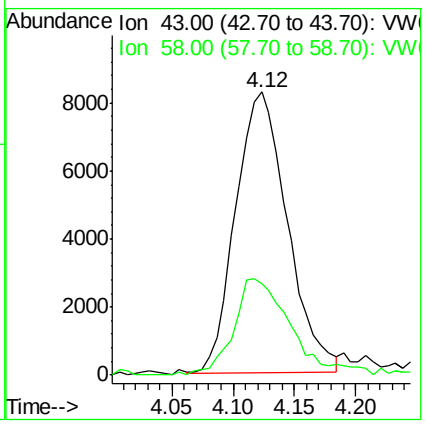


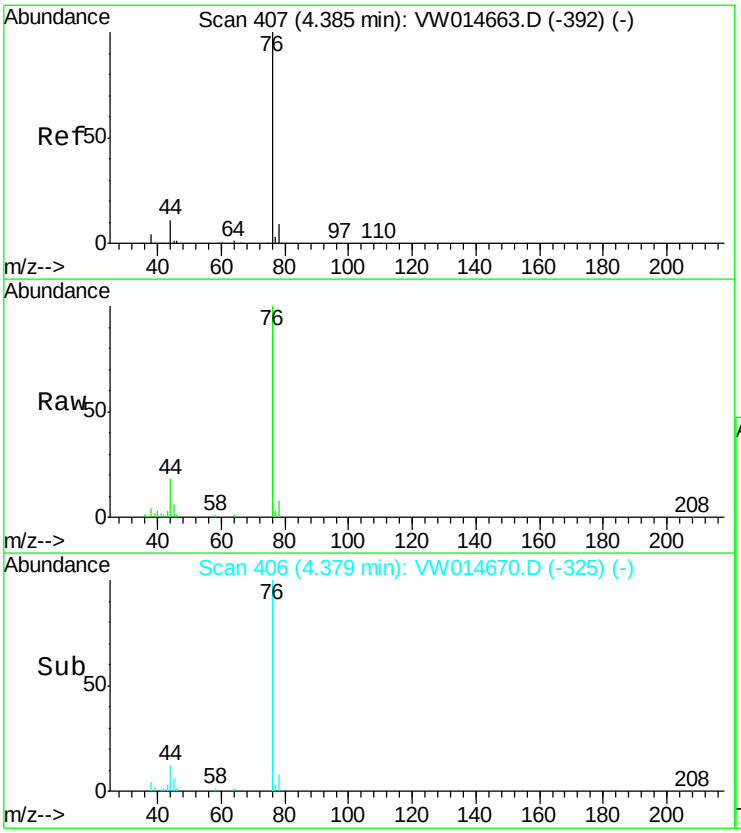
#13
Acetone
Concen: 4.865 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Instrument : MSVOA_W
ClientSampleId : GASJ7

Tgt Ion: 43 Resp: 24336

Ion	Ratio	Lower	Upper
43	100		
58	35.6	0.0	64.0

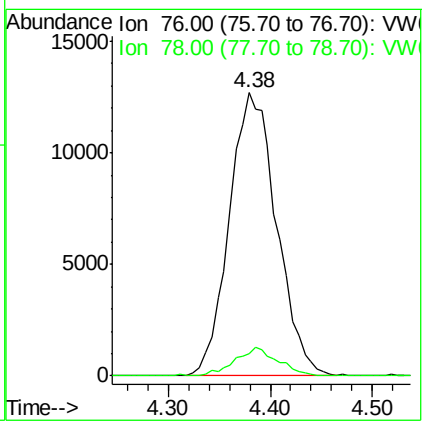


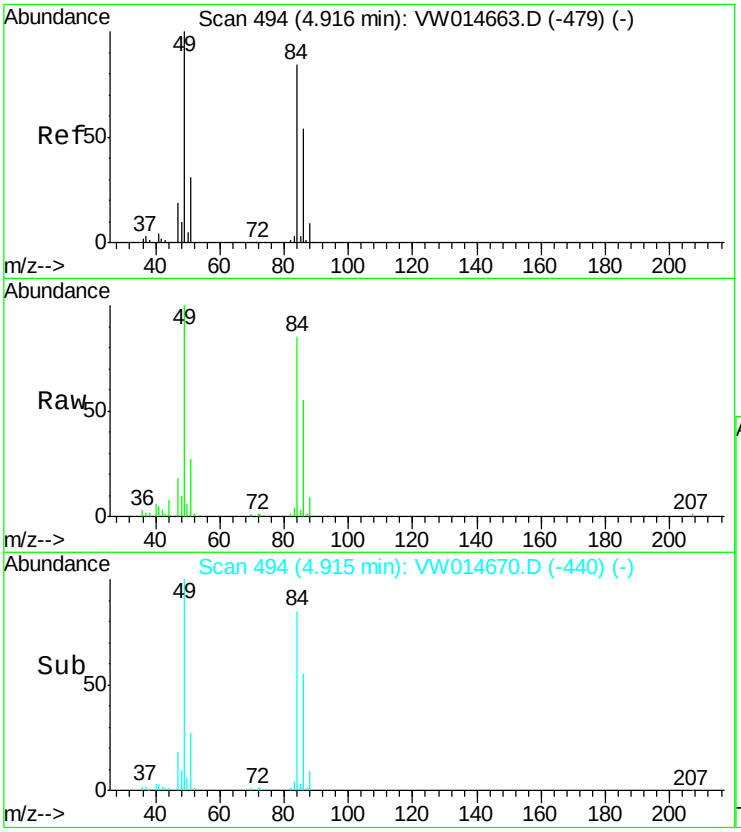


#14
Carbon disulfide
Concen: 0.960 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Tgt Ion: 76 Resp: 40856

Ion	Ratio	Lower	Upper
76	100		
78	7.9	6.9	10.3



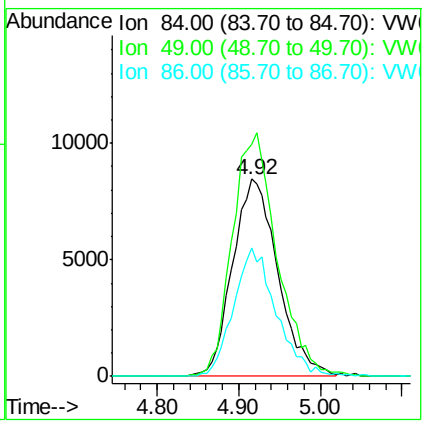


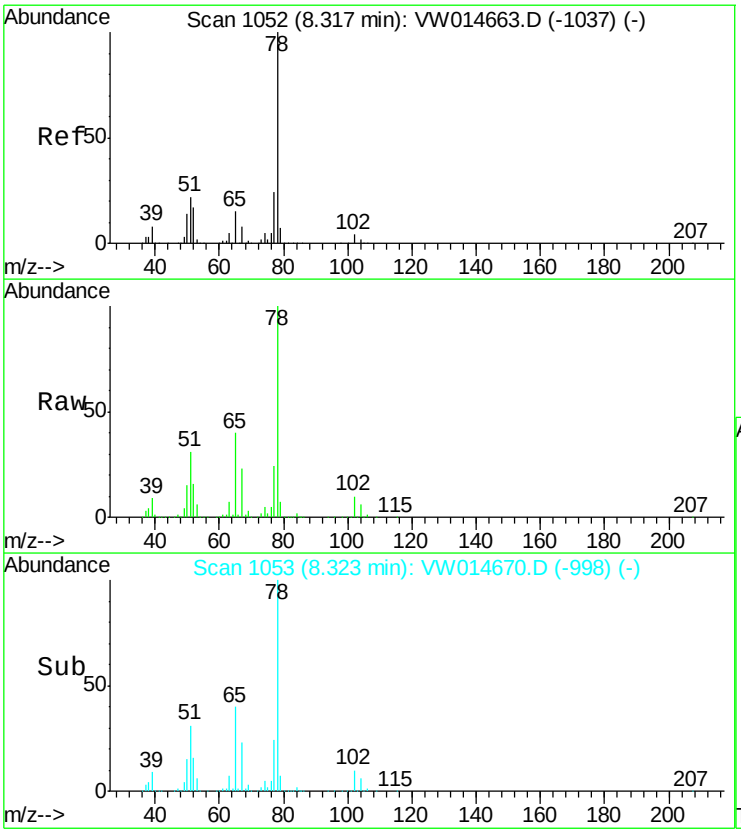
#16
Methylene chloride
Concen: 1.857 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Instrument : MSVOA_W
ClientSampleId : GASJ7

Tgt Ion: 84 Resp: 32609

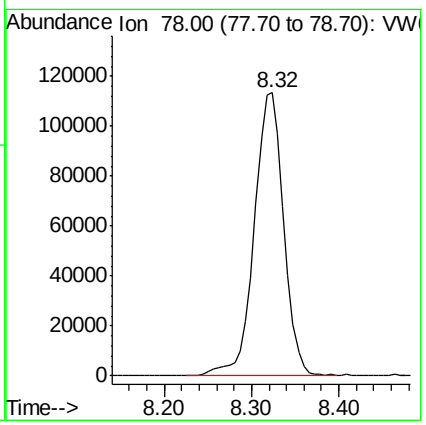
Ion	Ratio	Lower	Upper
84	100		
49	117.5	85.8	159.4
86	64.9	44.5	82.7

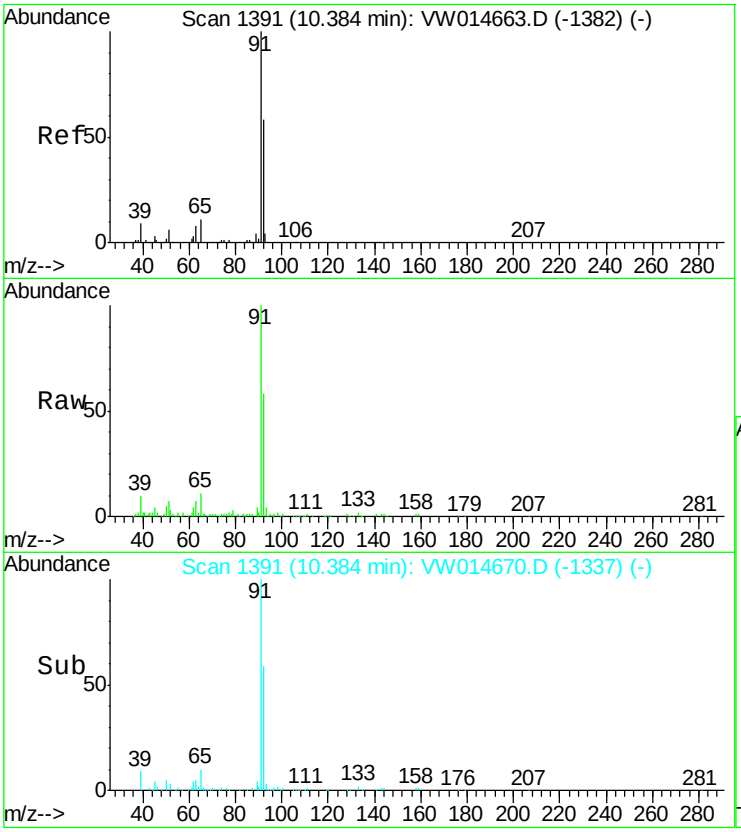




#34
Benzene
Concen: 4.639 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Tgt Ion: 78 Resp: 265913



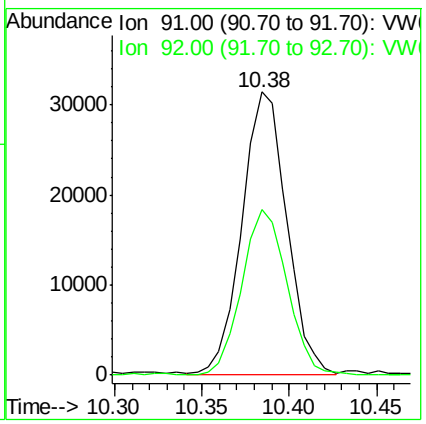


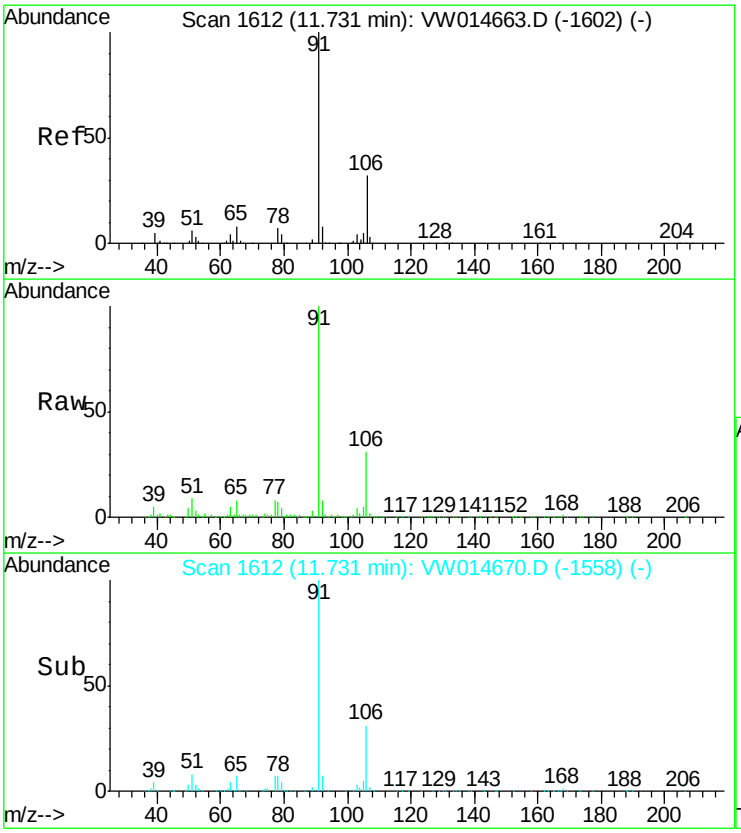
#44
Toluene
Concen: 0.929 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Instrument : MSVOA_W
ClientSampleId : GASJ7

Tgt Ion: 91 Resp: 55680

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.2	74.6

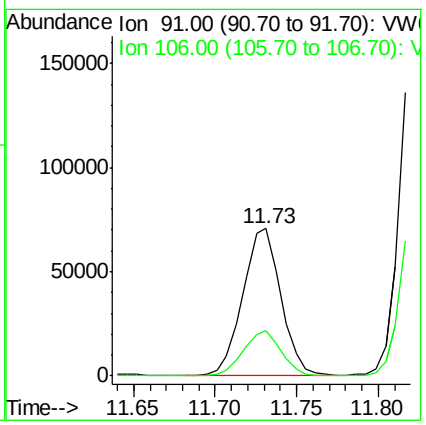


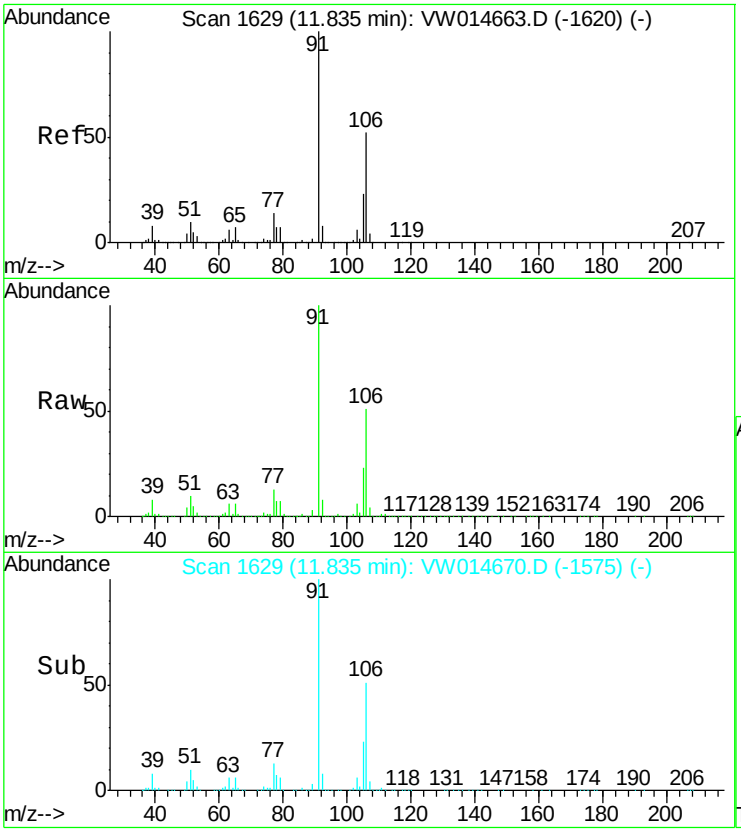


#53
Ethylbenzene
Concen: 1.739 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Tgt Ion: 91 Resp: 114549

Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.8	40.6



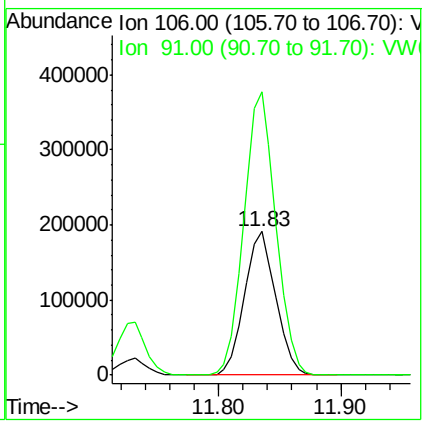


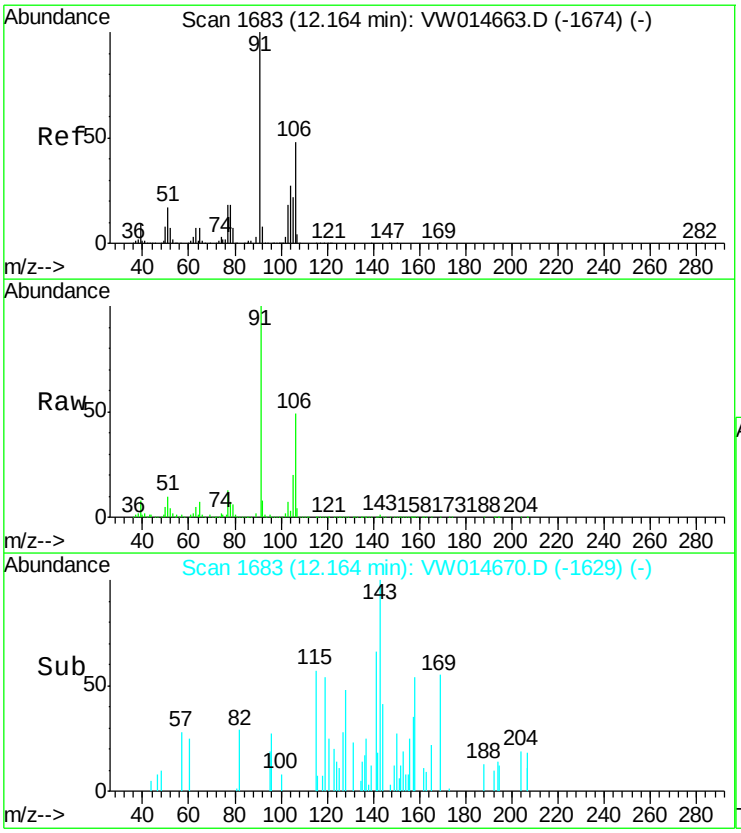
#54
m,p-Xylene
Concen: 13.688 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Instrument : MSVOA_W
ClientSampleId : GASJ7

Tgt Ion:106 Resp: 341160

Ion	Ratio	Lower	Upper
106	100		
91	197.0	142.2	264.0





#55
o-xylene
Concen: 4.596 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014670.D
Acq: 16 Jan 2020 14:02

Tgt Ion:106 Resp: 108209

Ion	Ratio	Lower	Upper
106	100		
91	204.6	148.7	276.1