Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081020\
Data File : VW016110.D
Acq On : 10 Aug 2020 19:29
Operator : SY/VA
Sample : L3598-13
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY69

Manual Integrations APPROVED
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Quant Time: Aug 11 02:11:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:19:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327574	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285958	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83229	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	92788	22.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.40%			
7) Chloroethane-d5	2.89	69	69267	22.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.88%			
10) 1,1-Dichloroethene-d2	4.01	63	147692	17.12	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.48%			
20) 2-Butanone-d5	7.09	46	91150	85.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 170.58%#			
24) Chloroform-d	7.65	84	205034	23.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.28%			
26) 1,2-Dichloroethane-d4	8.30	65	130651	27.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.92%			
29) Benzene-d6	8.27	84	399558	25.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.76%			
33) 1,2-Dichloropropane-d6	9.27	67	119319	26.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.32%			
37) Toluene-d8	10.32	98	343408	24.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.28%			
38) trans-1,3-Dichloropropene-	10.58	79	56062	27.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.08%			
39) 2-Hexanone-d5	10.93	63	70772	89.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 179.36%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129945	34.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 139.56%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	80954	27.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.76%			
Target Compounds						Qvalue
13) Acetone	4.13	43	10472	12.953	ug/L	90
16) Methylene chloride	4.92	84	9256	1.789	ug/L	87
30) Cyclohexane	7.95	56	7026m	1.129	ug/L	
34) Benzene	8.32	78	97811	5.931	ug/L	100
36) Methylcyclohexane	9.34	83	22568	3.090	ug/L	90
44) Toluene	10.39	91	97155	5.581	ug/L	99
53) Ethylbenzene	11.73	91	52691	2.668	ug/L	100
54) m,p-Xylene	11.83	106	6942	0.934	ug/L	88
55) o-xylene	12.16	106	2231	0.319	ug/L	95

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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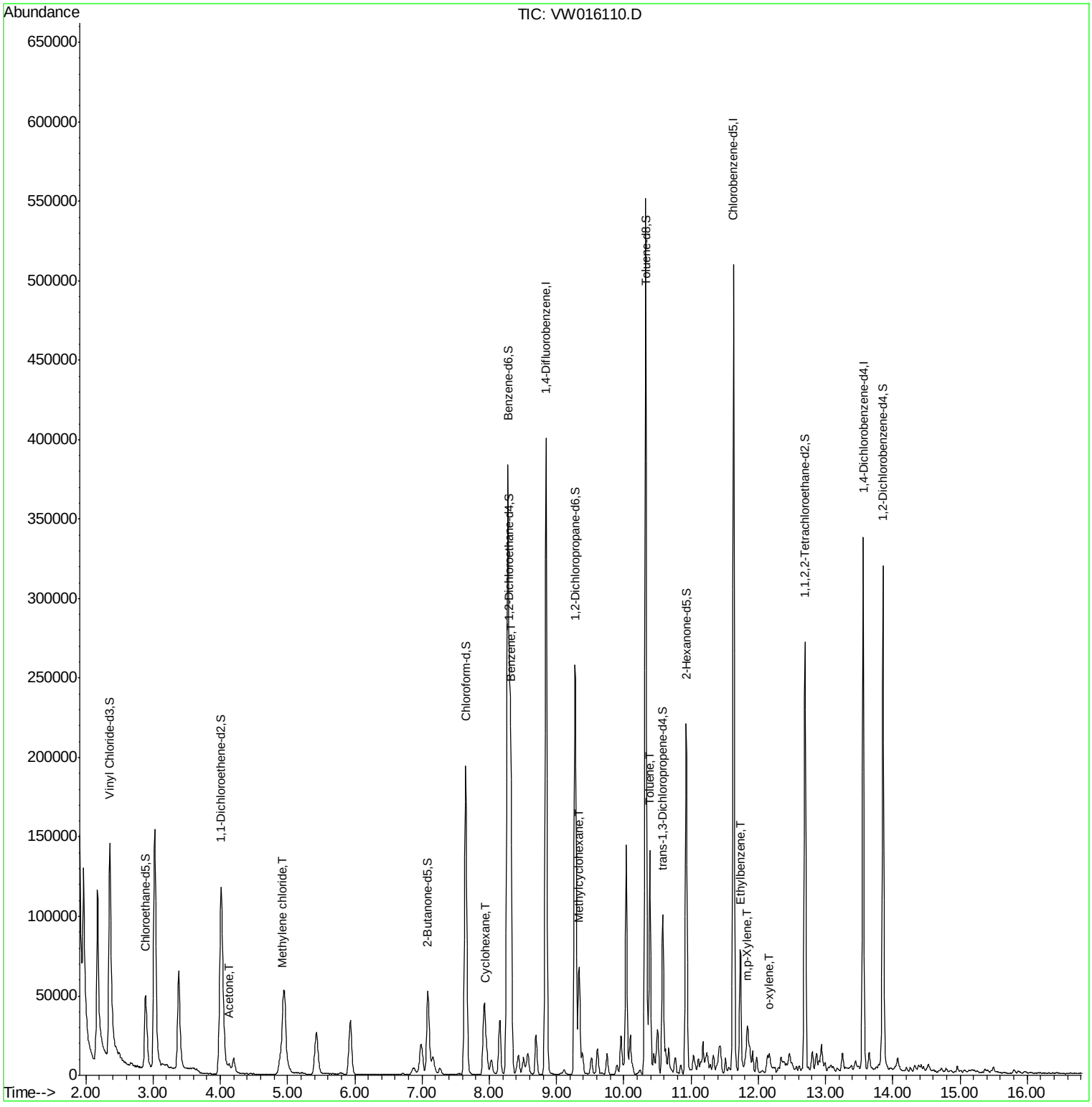
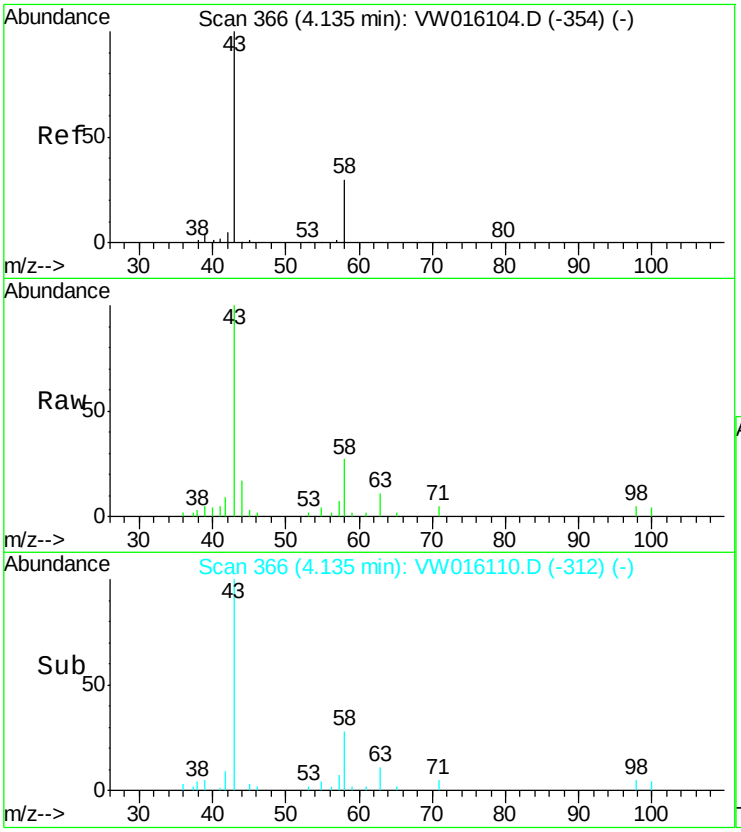
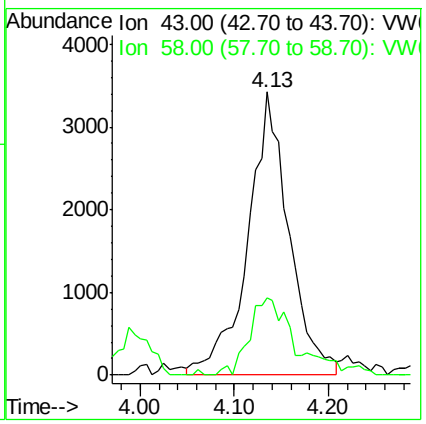




#13
Acetone
Concen: 12.953 ug/L
RT: 4.13 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 43 Resp: 10472

Ion	Ratio	Lower	Upper
43	100		
58	24.6	0.0	59.4



Instrument :
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ClientSampleId :
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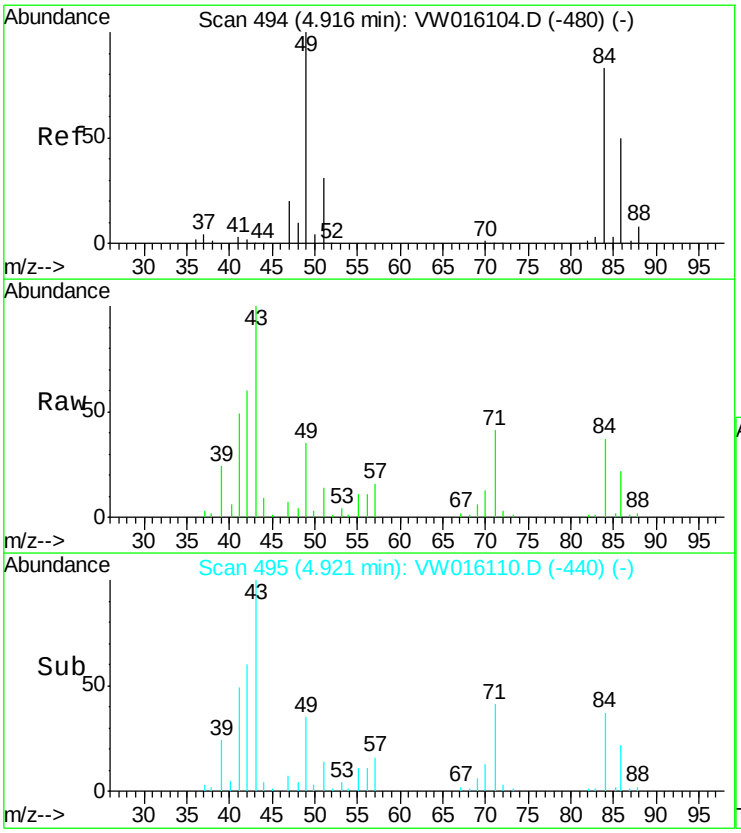
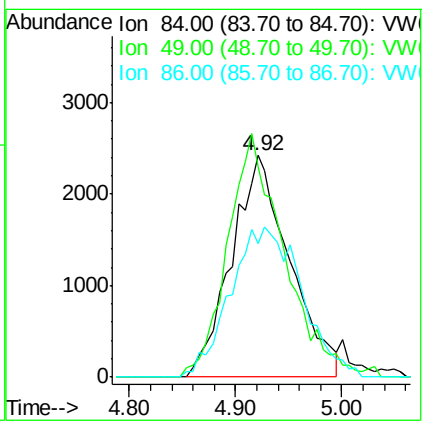
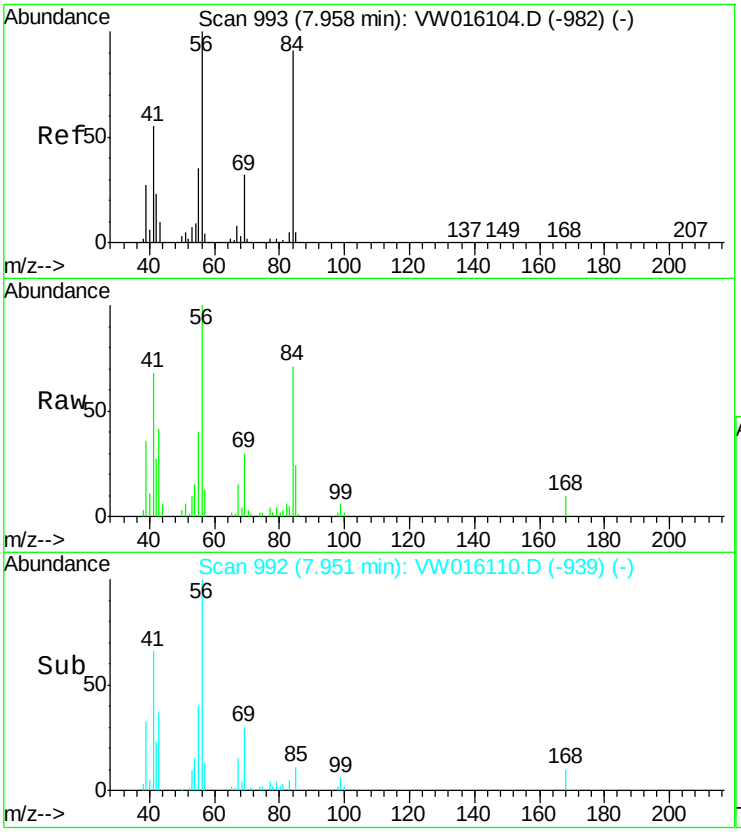


#16
Methylene chloride
Concen: 1.789 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 84 Resp: 9256

Ion	Ratio	Lower	Upper
84	100		
49	95.0	80.4	149.4
86	60.2	43.8	81.3

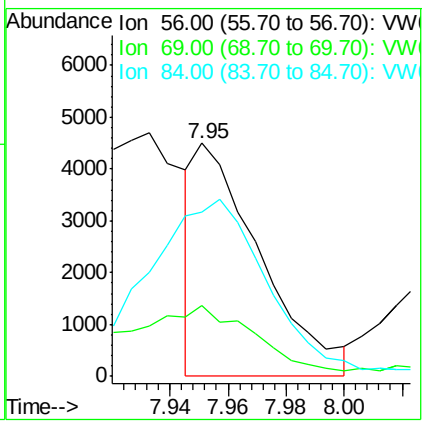




#30
Cyclohexane
Concen: 1.129 ug/L m
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 56 Resp: 7026

Ion	Ratio	Lower	Upper
56	100		
69	65.4	25.4	38.0#
84	149.2	73.0	109.6#



Instrument :
MSVOA_W
ClientSampleId :
GAY69

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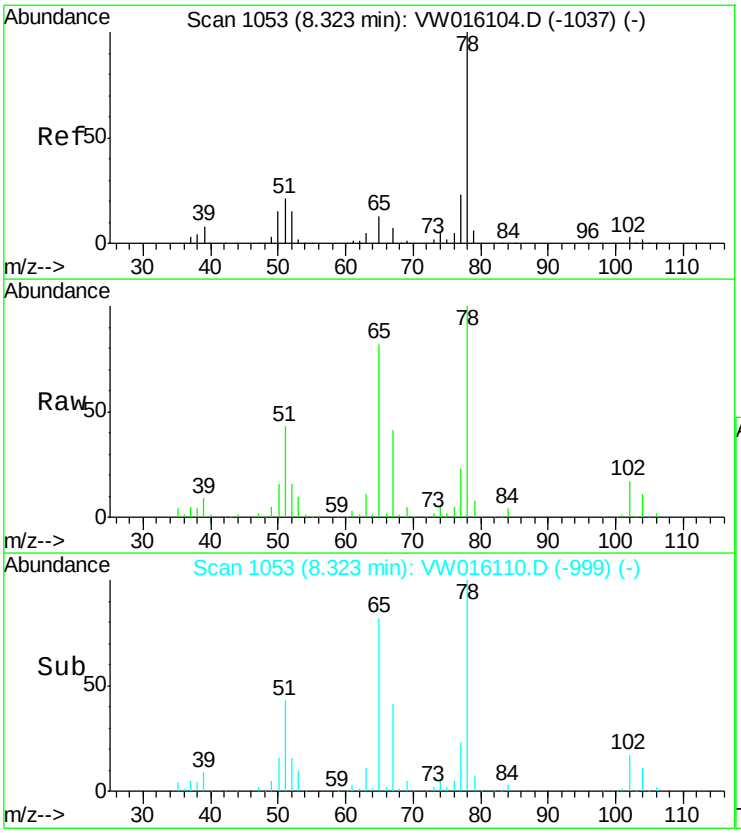
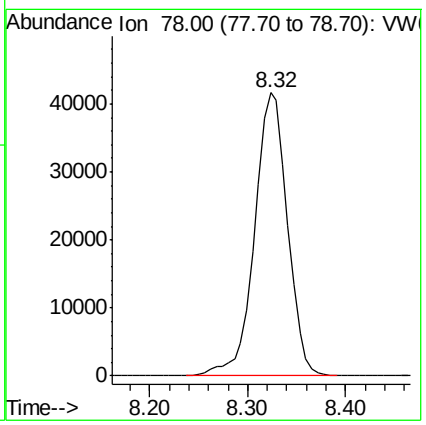
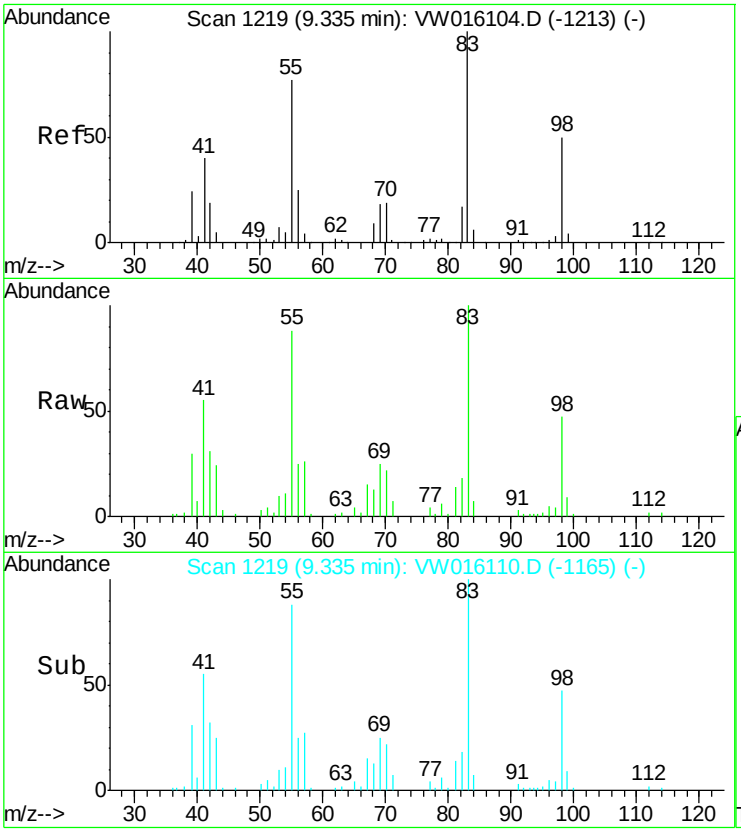


#34
Benzene
Concen: 5.931 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 78 Resp: 97811

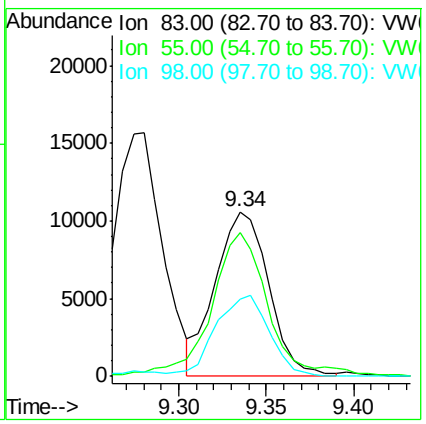




#36
Methylcyclohexane
Concen: 3.090 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 83 Resp: 22568

Ion	Ratio	Lower	Upper
83	100		
55	89.6	60.7	91.1
98	49.2	39.4	59.0



Instrument :
MSVOA_W
ClientSampleId :
GAY69

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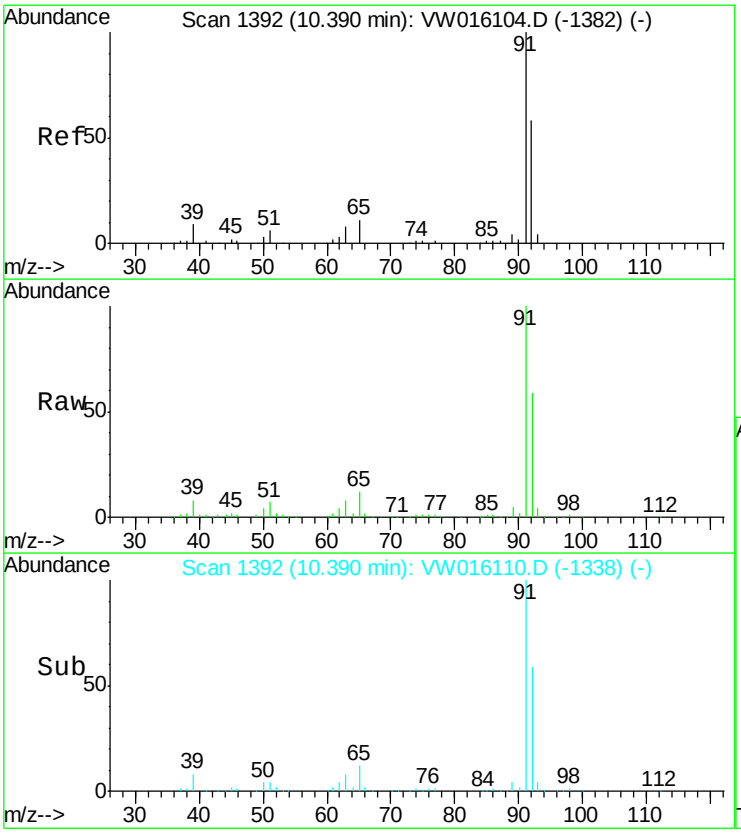
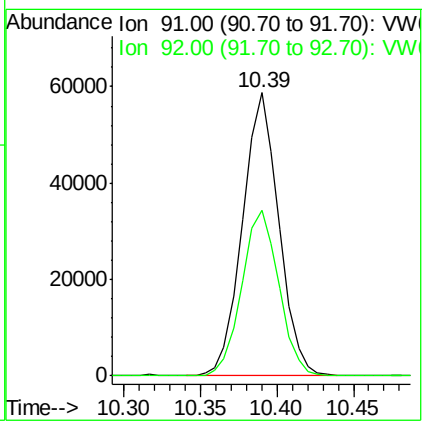
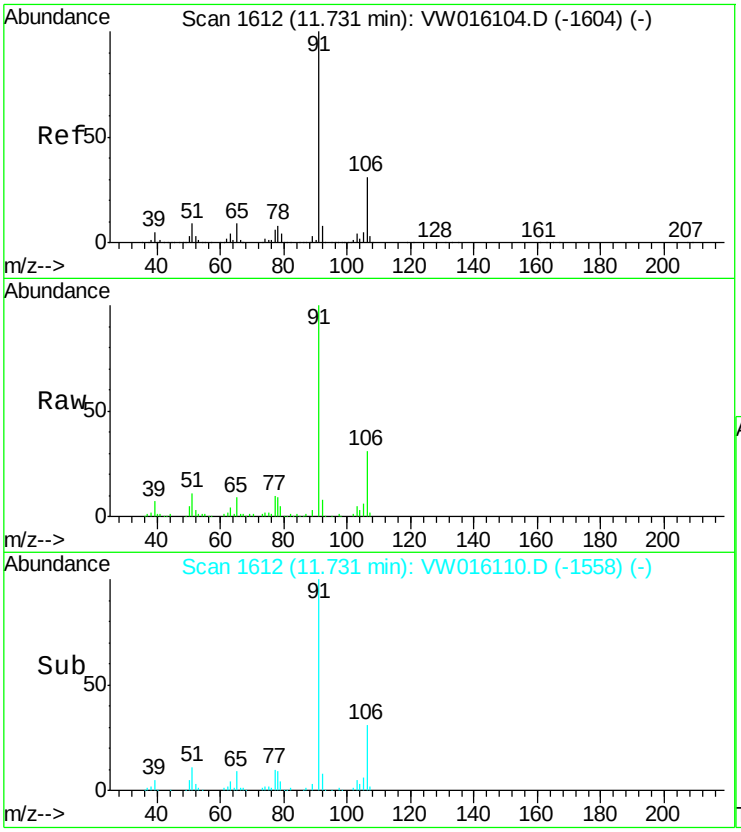


#44
Toluene
Concen: 5.581 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 91 Resp: 97155

Ion	Ratio	Lower	Upper
91	100		
92	58.6	41.8	77.6

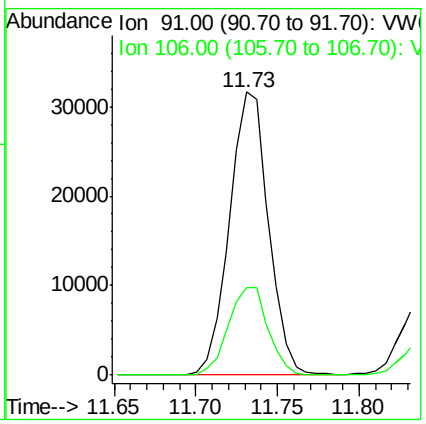




#53
Ethylbenzene
Concen: 2.668 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion: 91 Resp: 52691

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.8	40.4



Instrument :
MSVOA_W
ClientSampleId :
GAY69

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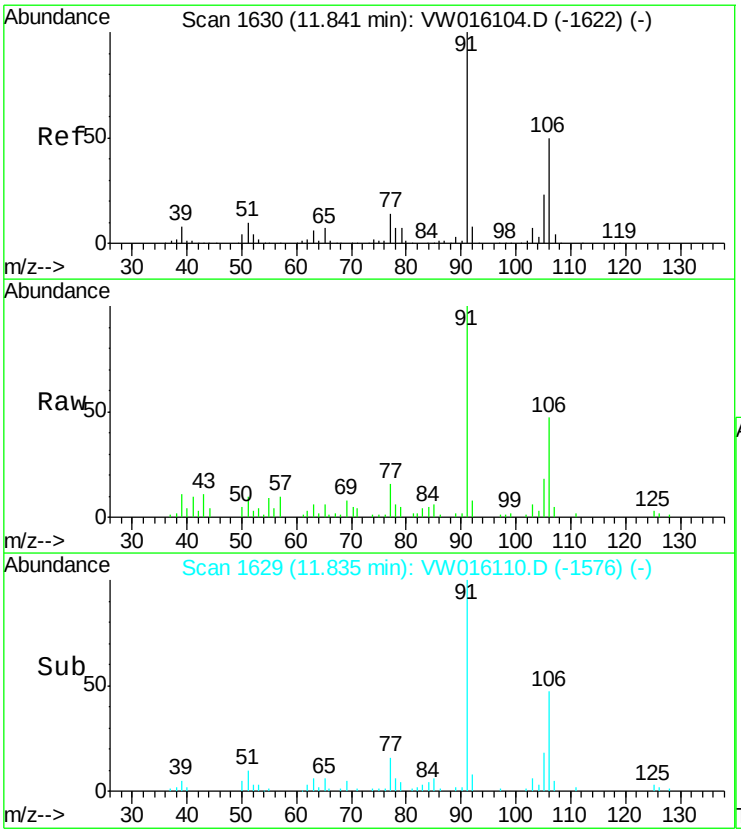
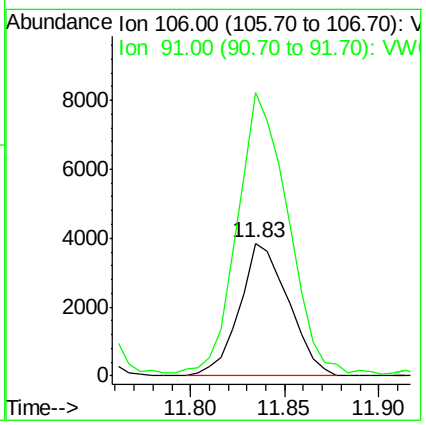
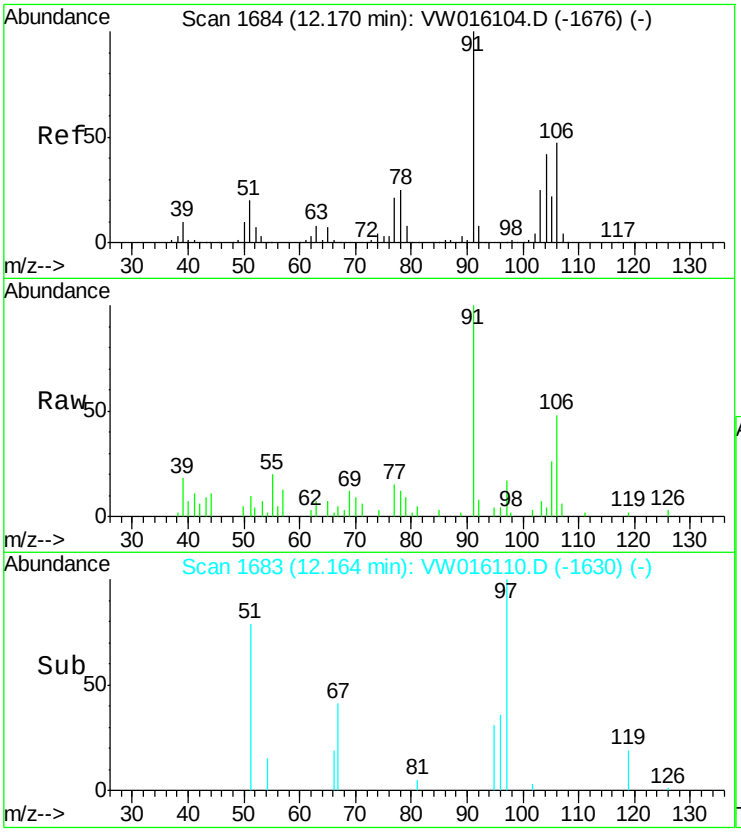


#54
m,p-Xylene
Concen: 0.934 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion:106 Resp: 6942

Ion	Ratio	Lower	Upper
106	100		
91	213.2	136.4	253.2

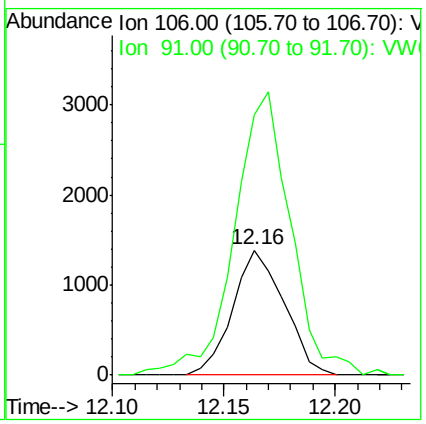




#55
o-xylene
Concen: 0.319 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016110.D
Acq: 10 Aug 2020 19:29

Tgt Ion:106 Resp: 2231

Ion	Ratio	Lower	Upper
106	100		
91	208.8	151.3	281.1



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