Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013884.D
Acq On : 01 Nov 2019 06:29
Operator : SY/VA
Sample : K5552-20
Misc : 6.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQD1

Quant Time: Nov 01 07:59:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 07:47:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	162671	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	153042	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67585	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	74440	30.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.24%			
7) Chloroethane-d5	2.89	69	58582	30.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.96%			
10) 1,1-Dichloroethene-d2	4.01	63	109342	22.07	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.28%			
20) 2-Butanone-d5	7.08	46	47932	55.07	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.14%			
24) Chloroform-d	7.65	84	140800	28.28	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.12%			
26) 1,2-Dichloroethane-d4	8.31	65	81856	30.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 120.92%			
29) Benzene-d6	8.27	84	295347	29.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 119.16%			
33) 1,2-Dichloropropane-d6	9.27	67	90587	30.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 121.92%#			
37) Toluene-d8	10.32	98	265147	27.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.84%			
38) trans-1,3-Dichloropropene-	10.57	79	36654	26.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.84%			
39) 2-Hexanone-d5	10.93	63	41122	60.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.24%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80565	29.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.32%			
61) 1,2-Dichlorobenzene-d4	13.85	152	81514	31.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 125.28%#			
Target Compounds						Qvalue
13) Acetone	4.12	43	25287	31.044	ug/L	99
16) Methylene chloride	4.91	84	8707	2.738	ug/L	96
34) Benzene	8.32	78	5438	0.512	ug/L	100
36) Methylcyclohexane	9.34	83	2270	0.468	ug/L #	76
44) Toluene	10.38	91	16185	1.412	ug/L	94
53) Ethylbenzene	11.73	91	6358	0.503	ug/L	97
54) m,p-Xylene	11.84	106	3960	0.800	ug/L #	58

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

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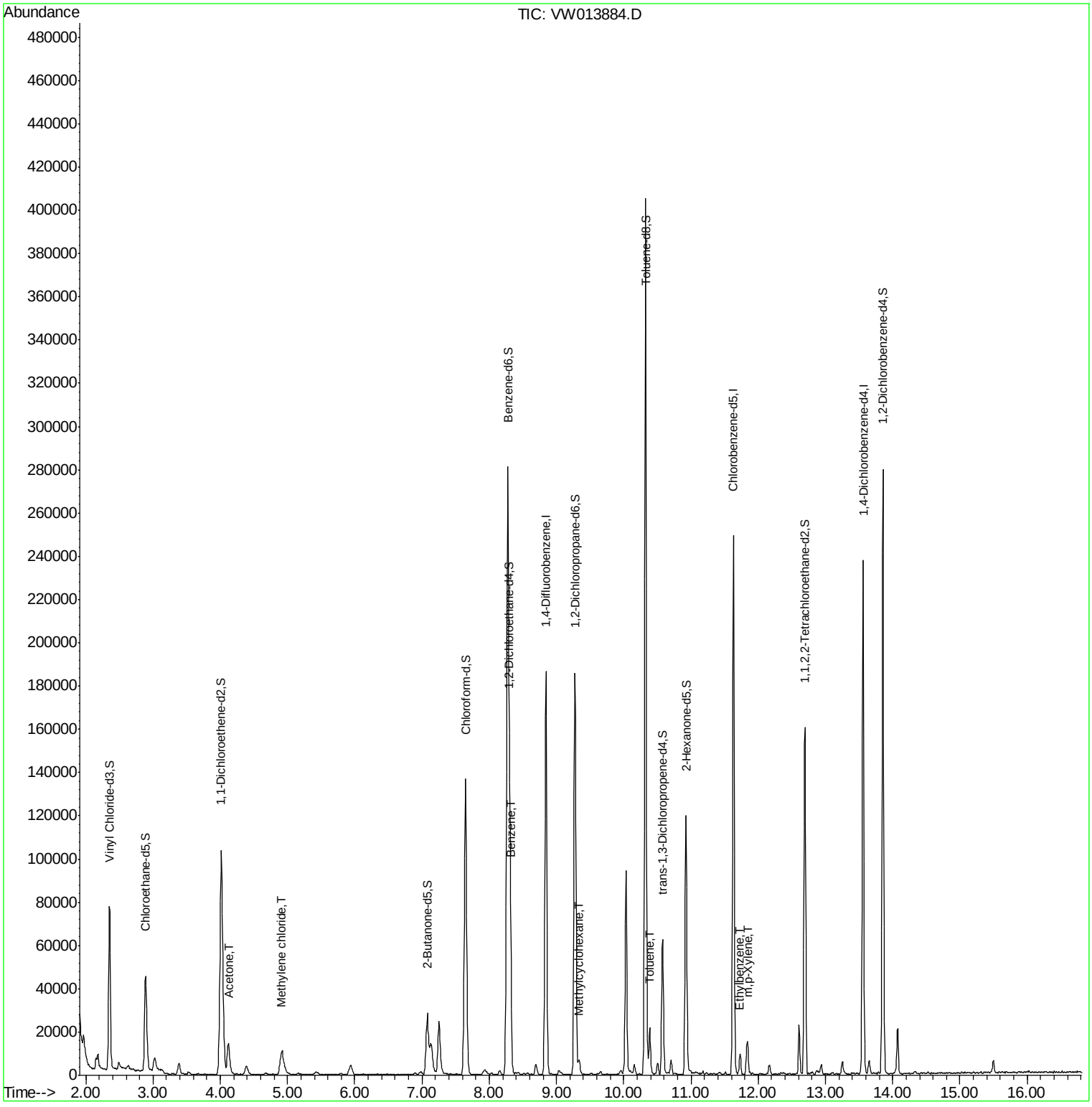
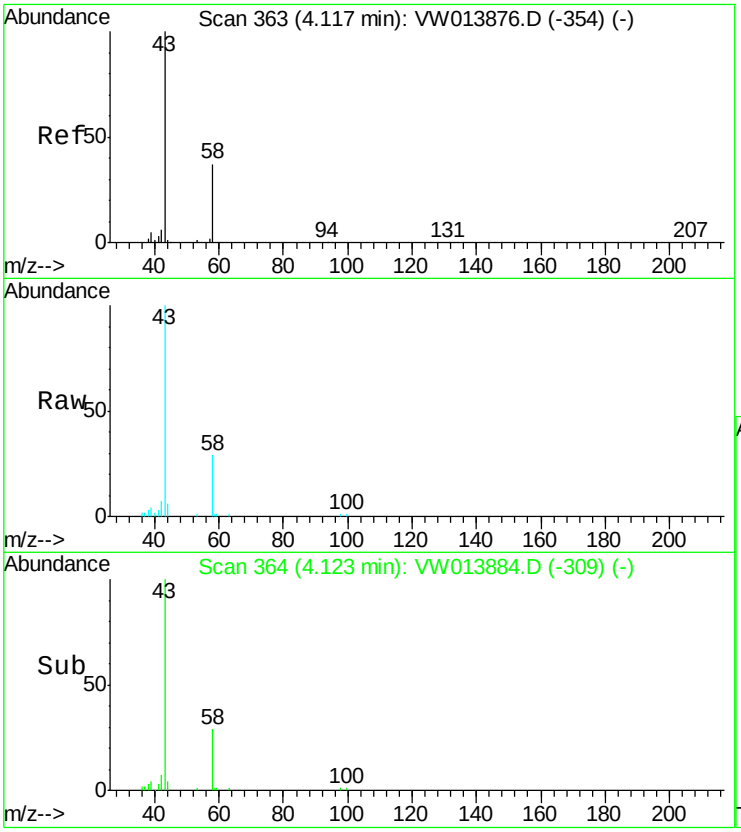


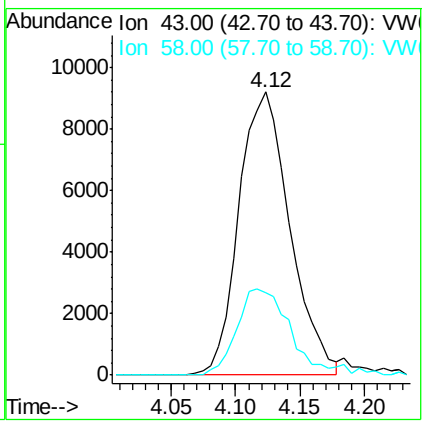


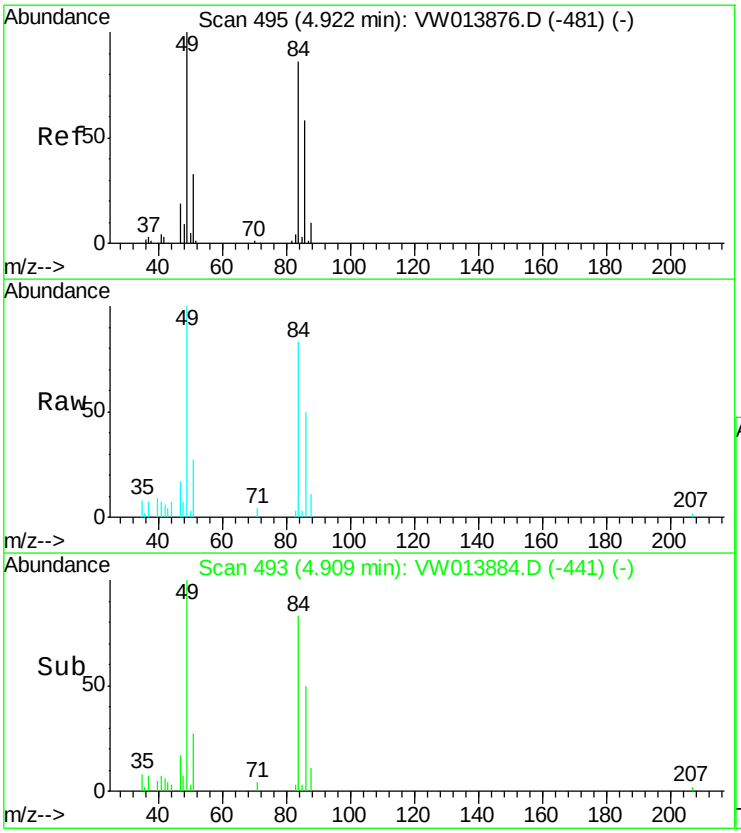
#13
Acetone
Concen: 31.044 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW013884.D
Acq: 01 Nov 2019 06:29

Instrument : MSVOA_W
ClientSampleId : GAQD1

Tgt Ion: 43 Resp: 25287

Ion	Ratio	Lower	Upper
43	100		
58	31.0	0.0	63.4

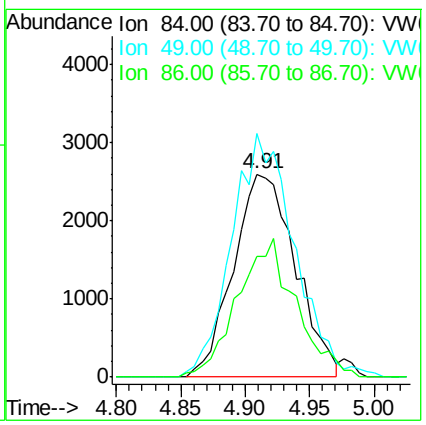


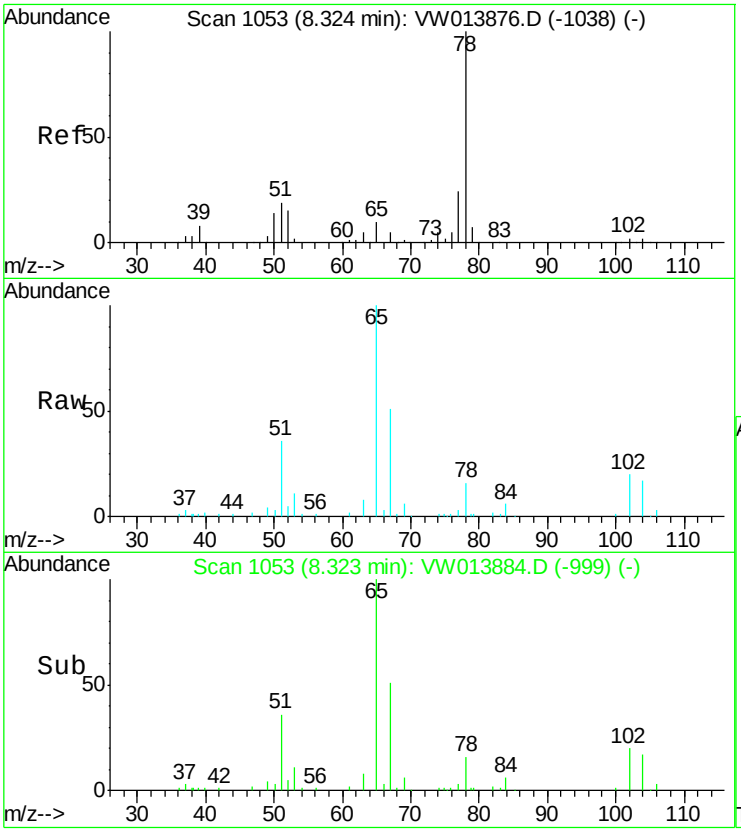


#16
Methylene chloride
Concen: 2.738 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013884.D
Acq: 01 Nov 2019 06:29

Tgt Ion: 84 Resp: 8707

Ion	Ratio	Lower	Upper
84	100		
49	120.0	82.2	152.6
86	59.5	45.6	84.8

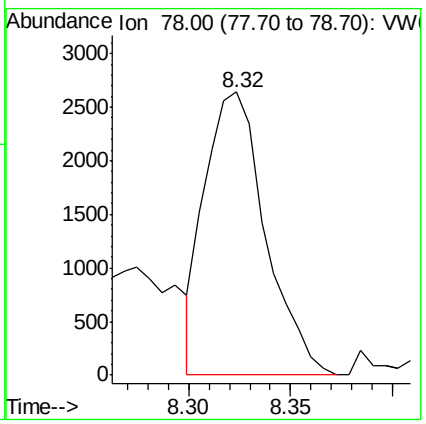


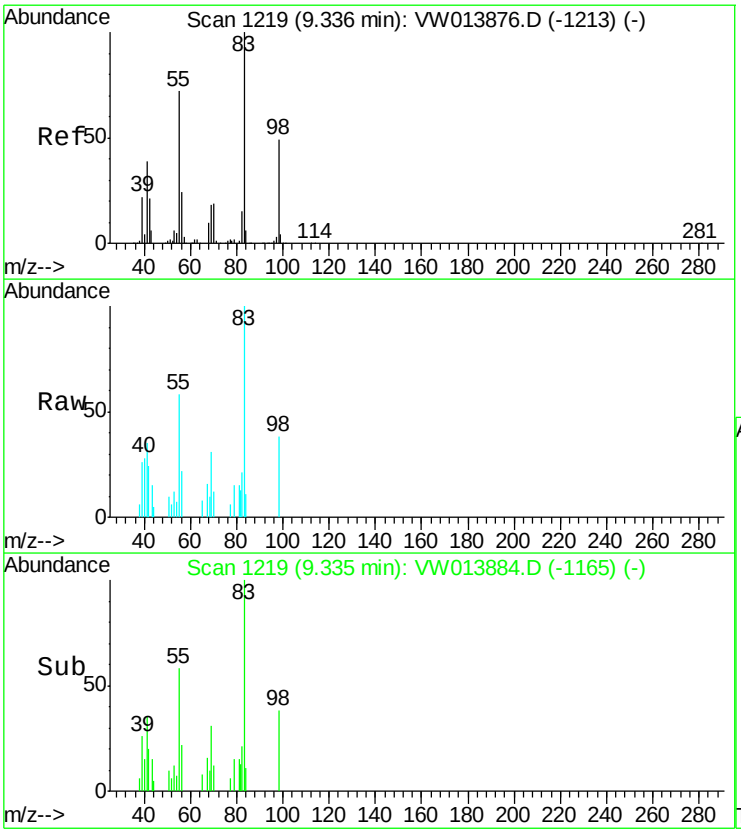


#34
Benzene
Concen: 0.512 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013884.D
Acq: 01 Nov 2019 06:29

Instrument :
MSVOA_W
ClientSampleId :
GAQD1

Tgt Ion: 78 Resp: 5438

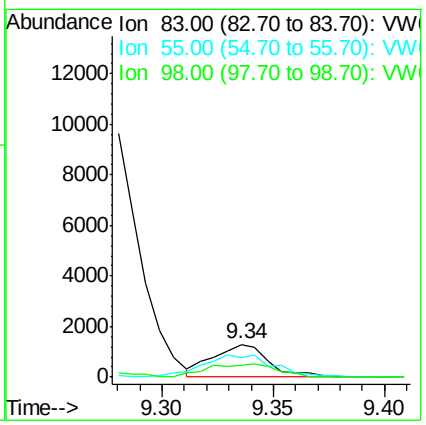


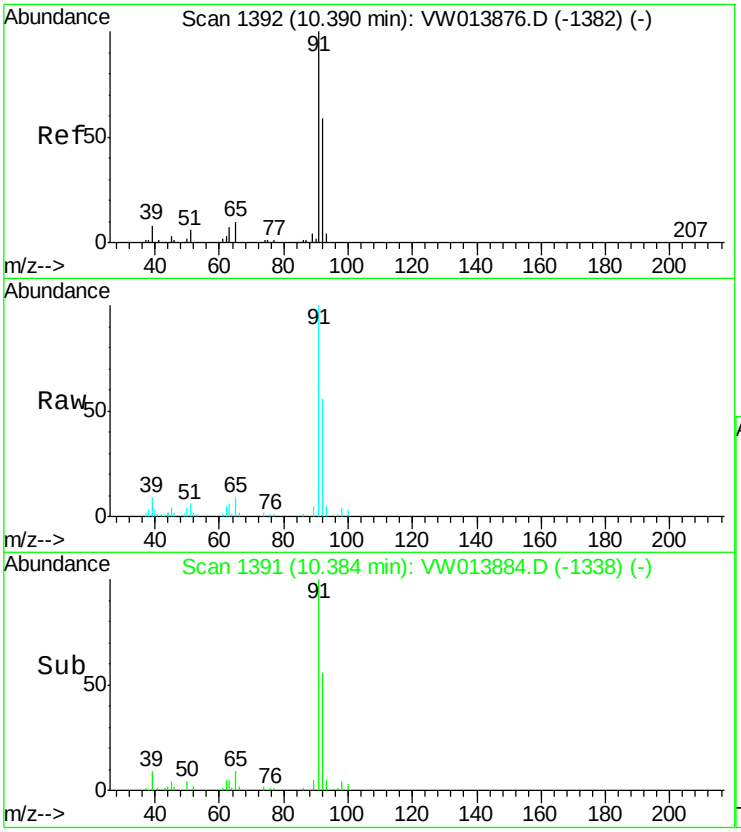


#36
Methylcyclohexane
Concen: 0.468 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013884.D
Acq: 01 Nov 2019 06:29

Tgt Ion: 83 Resp: 2270

Ion	Ratio	Lower	Upper
83	100		
55	86.2	60.3	90.5
98	20.9	39.4	59.2#



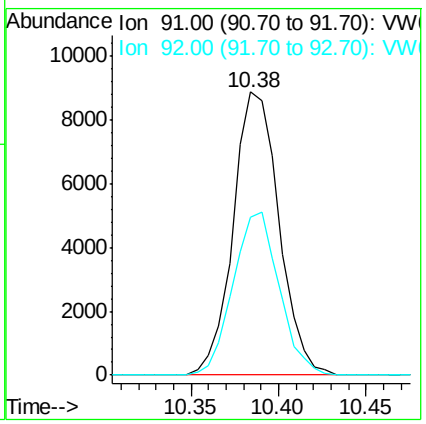


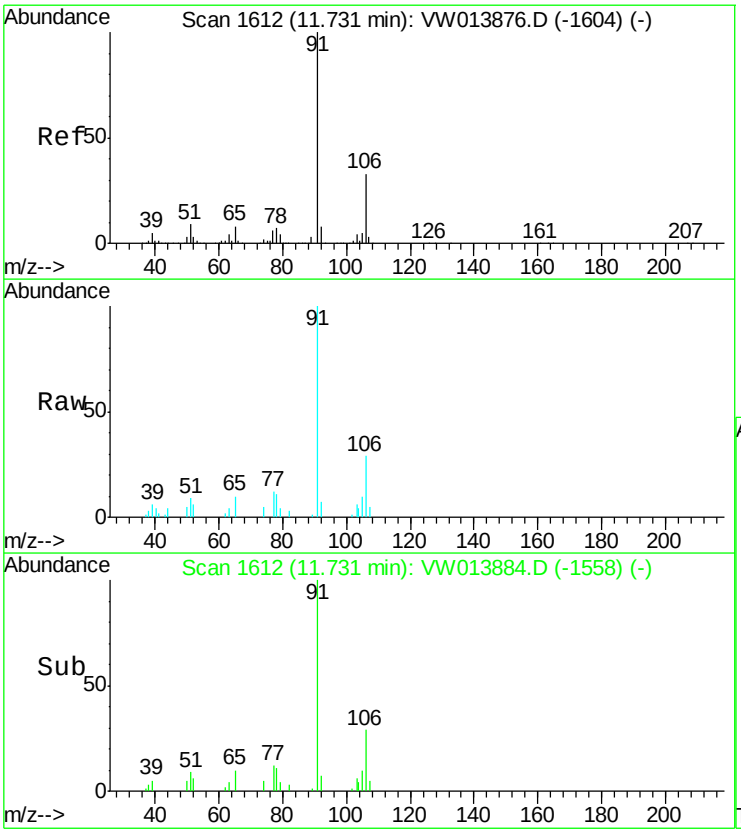
#44
Toluene
Concen: 1.412 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW013884.D
Acq: 01 Nov 2019 06:29

Instrument : MSVOA_W
ClientSampleId : GAQD1

Tgt Ion: 91 Resp: 16185

Ion	Ratio	Lower	Upper
91	100		
92	55.8	42.0	78.0

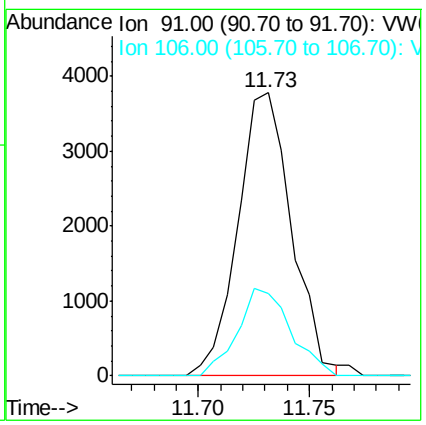


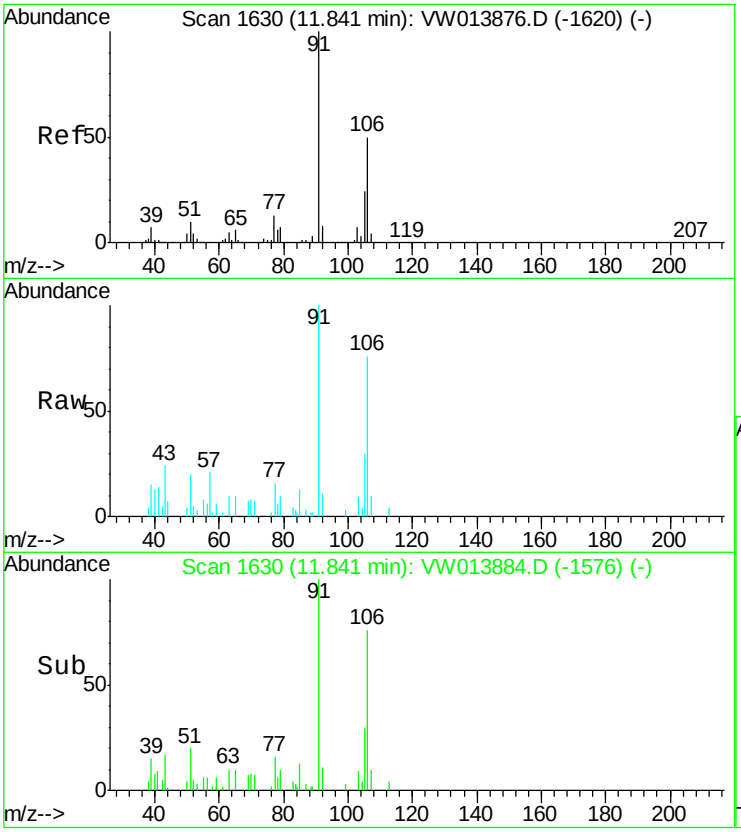


#53
Ethylbenzene
Concen: 0.503 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013884.D
Acq: 01 Nov 2019 06:29

Tgt Ion: 91 Resp: 6358

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.8	40.4





#54
m,p-Xylene
Concen: 0.800 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013884.D
Acq: 01 Nov 2019 06:29

Instrument :
MSVOA_W
ClientSampleId :
GAQD1

Tgt Ion:106 Resp: 3960

Ion	Ratio	Lower	Upper
106	100		
91	131.9	136.6	253.8#