Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122719\
Data File : VW014483.D
Acq On : 28 Dec 2019 00:24
Operator : SY/VA
Sample : K6397-01
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK90

Quant Time: Dec 28 03:38:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 28 03:24:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1368550	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1205980	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	560777	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	350893	18.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.76%			
7) Chloroethane-d5	2.89	69	315317	22.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.72%			
10) 1,1-Dichloroethene-d2	4.01	63	532174	15.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.32%			
20) 2-Butanone-d5	7.07	46	182151	39.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.36%			
24) Chloroform-d	7.64	84	682313	21.67	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.68%			
26) 1,2-Dichloroethane-d4	8.30	65	352892	21.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.40%			
29) Benzene-d6	8.27	84	1481683	23.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.40%			
33) 1,2-Dichloropropane-d6	9.27	67	454606	23.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.32%			
37) Toluene-d8	10.32	98	1342902	23.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.40%			
38) trans-1,3-Dichloropropene-	10.57	79	175275	22.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.04%			
39) 2-Hexanone-d5	10.92	63	152067	46.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.24%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	312142	21.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.24%			
61) 1,2-Dichlorobenzene-d4	13.85	152	415767	22.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
13) Acetone	4.12	43	28190	4.435	ug/L	93
14) Carbon disulfide	4.39	76	34147	0.632	ug/L	98
34) Benzene	8.32	78	70022	0.965	ug/L	100
36) Methylcyclohexane	9.33	83	123930	3.771	ug/L #	59
44) Toluene	10.38	91	214016	2.822	ug/L	97
53) Ethylbenzene	11.73	91	367543	4.408	ug/L	98
54) m,p-Xylene	11.84	106	146245	4.634	ug/L	97
55) o-xylene	12.16	106	67922	2.279	ug/L	94
57) Isopropylbenzene	12.46	105	446279	5.629	ug/L	100

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

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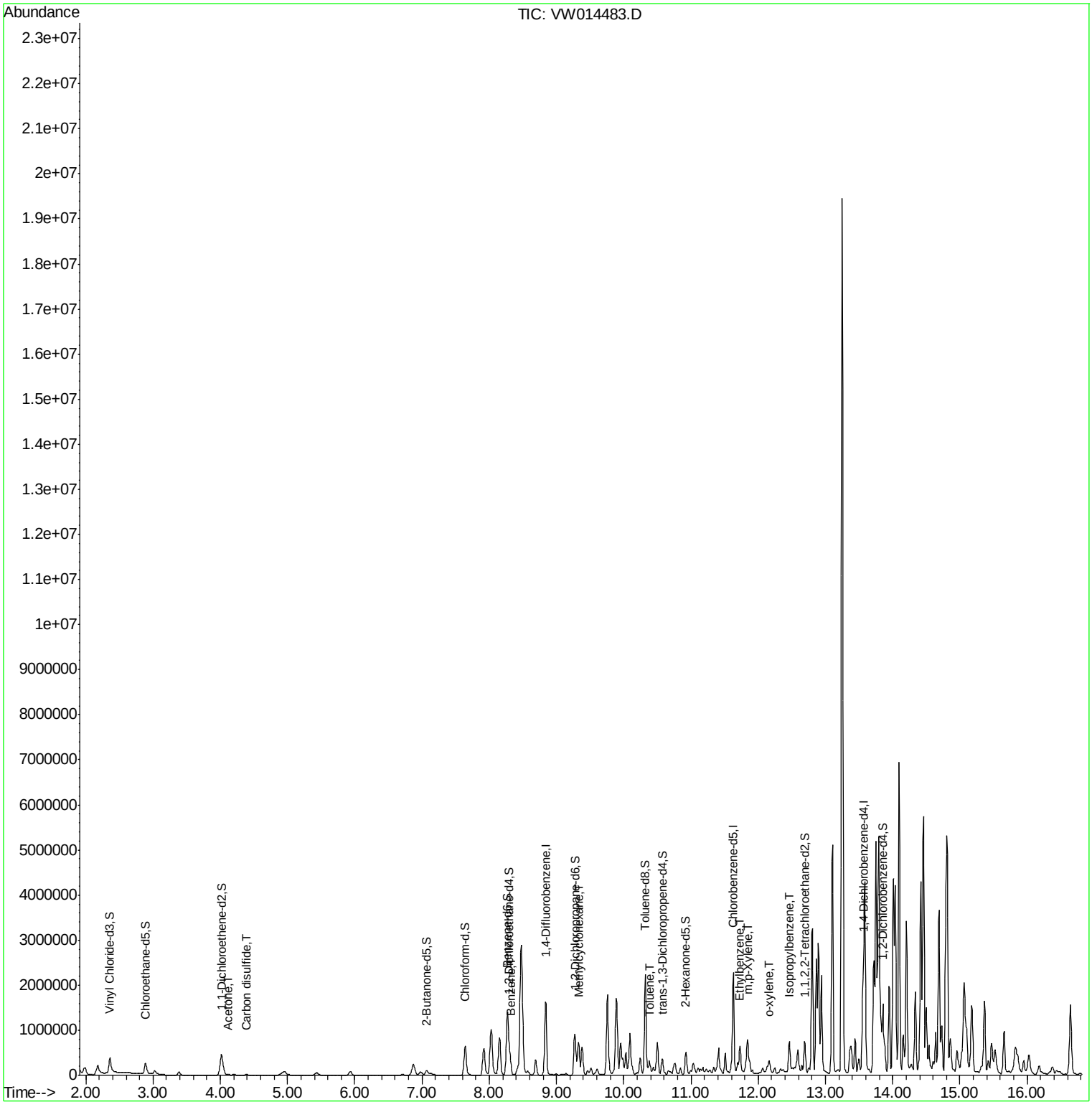
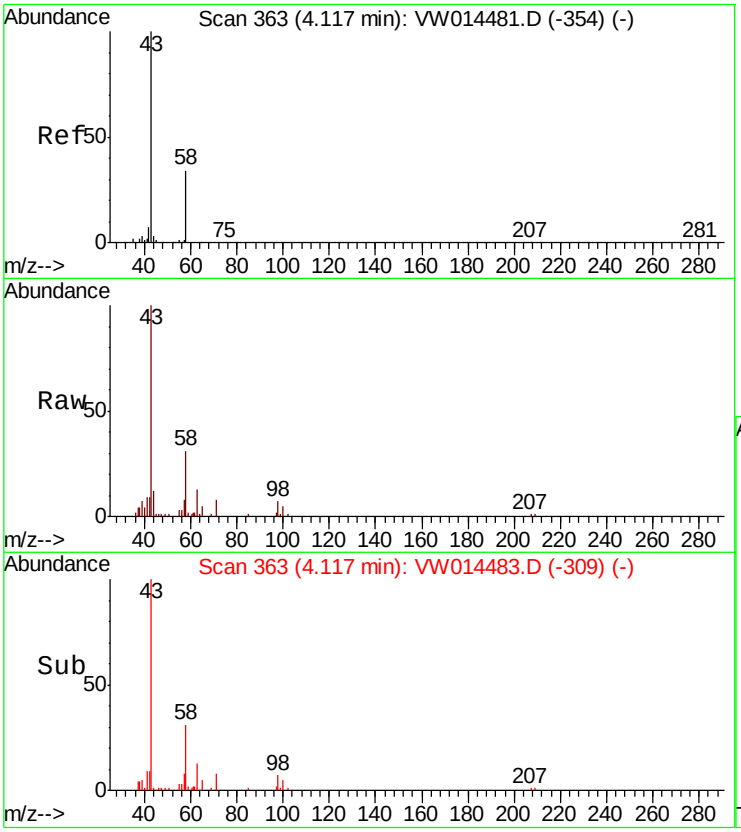
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 28 03:24:24 2019
Response via : Initial Calibration



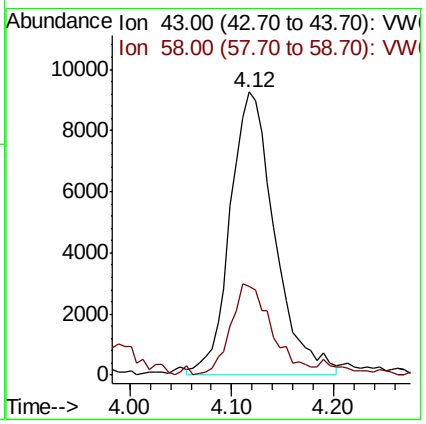


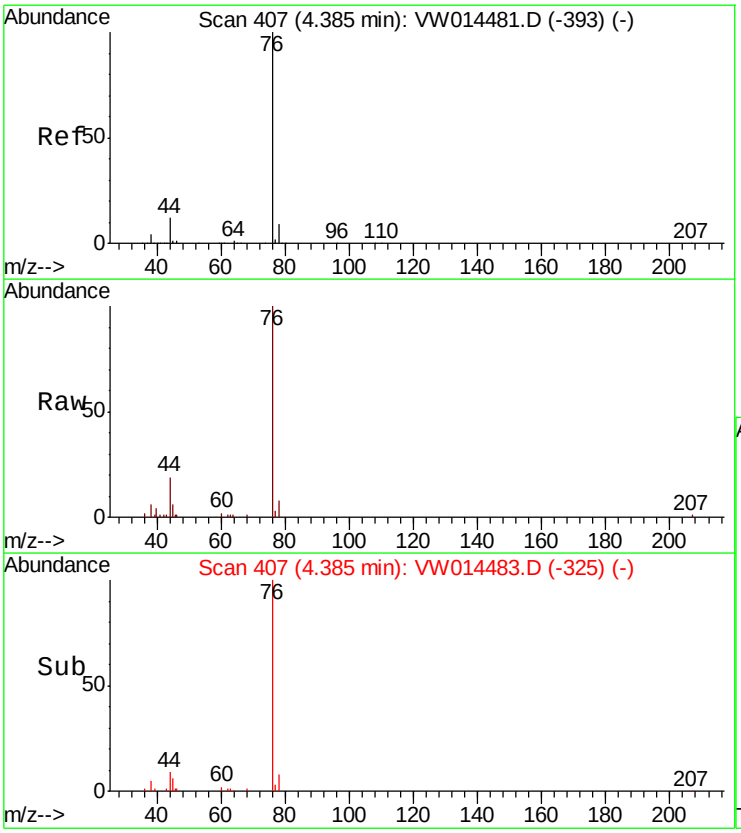
#13
Acetone
Concen: 4.435 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Instrument :
MSVOA_W
ClientSampleId :
ETK90

Tgt Ion: 43 Resp: 28190

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	64.0

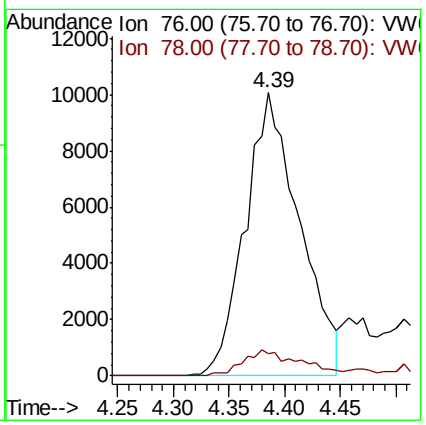


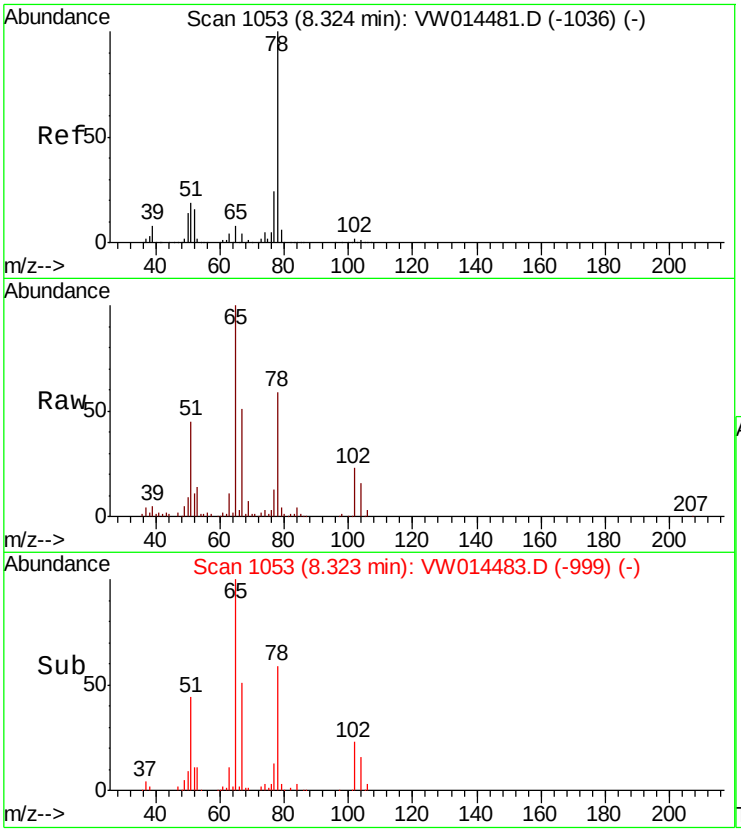


#14
Carbon disulfide
Concen: 0.632 ug/L
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Tgt Ion: 76 Resp: 34147

Ion	Ratio	Lower	Upper
76	100		
78	7.7	6.9	10.3

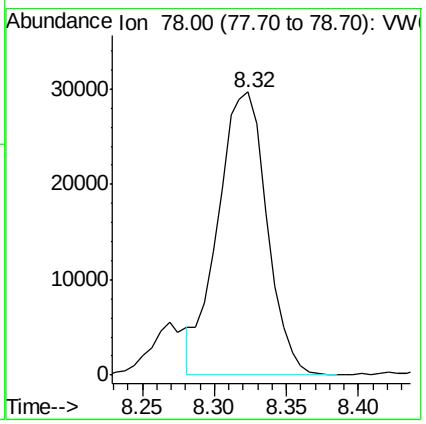


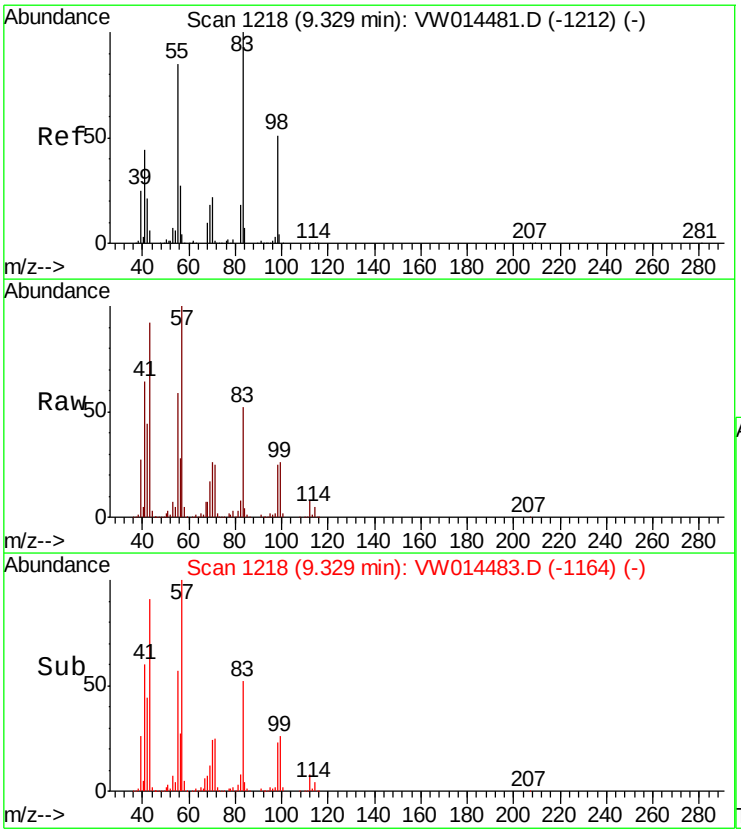


#34
Benzene
Concen: 0.965 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Instrument :
MSVOA_W
ClientSampleId :
ETK90

Tgt Ion: 78 Resp: 70022

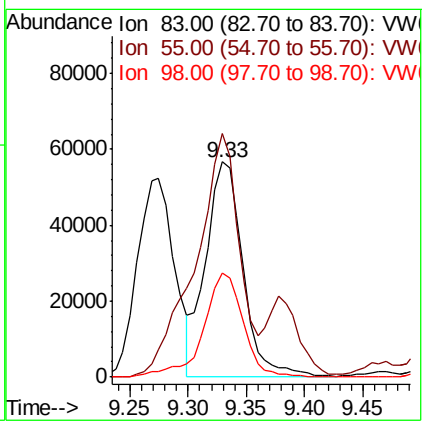


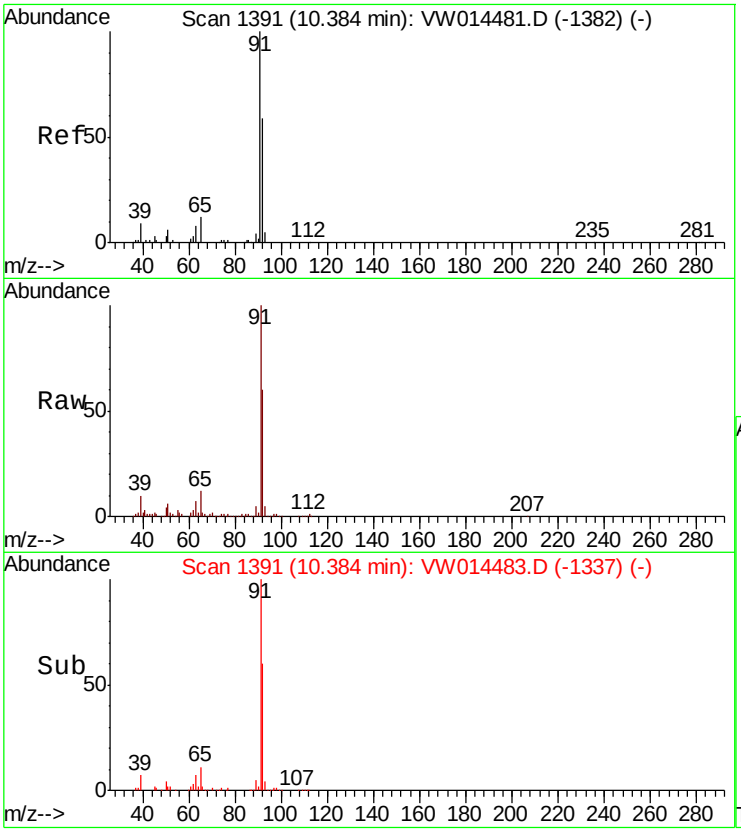


#36
Methylcyclohexane
Concen: 3.771 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Tgt Ion: 83 Resp: 123930

Ion	Ratio	Lower	Upper
83	100		
55	135.2	63.7	95.5#
98	52.2	39.4	59.2



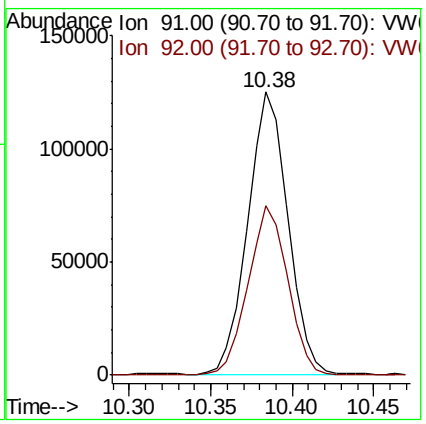


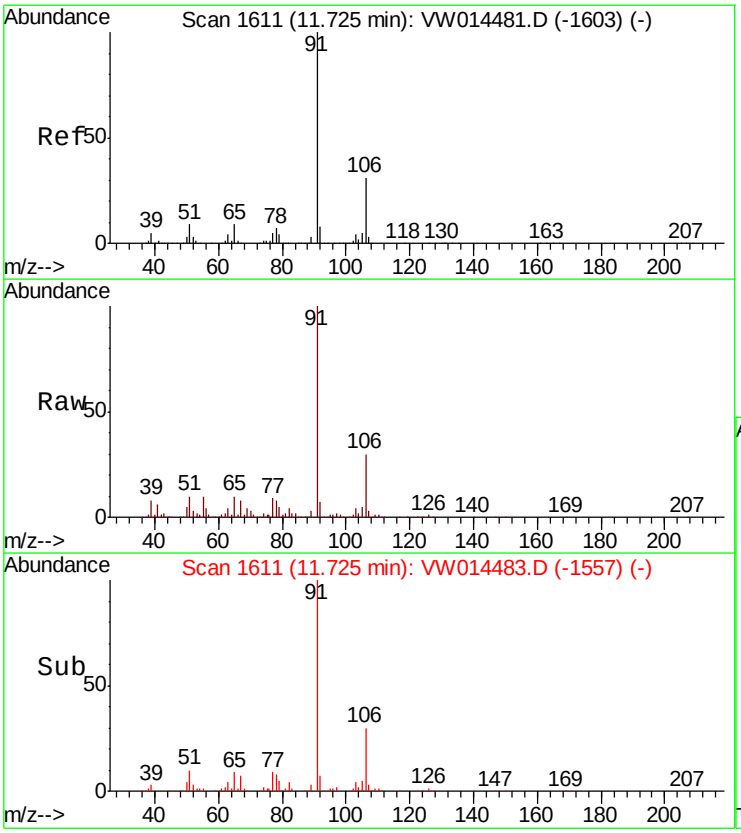
#44
Toluene
Concen: 2.822 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Instrument : MSVOA_W
ClientSampleId : ETK90

Tgt Ion: 91 Resp: 214016

Ion	Ratio	Lower	Upper
91	100		
92	59.7	40.2	74.6

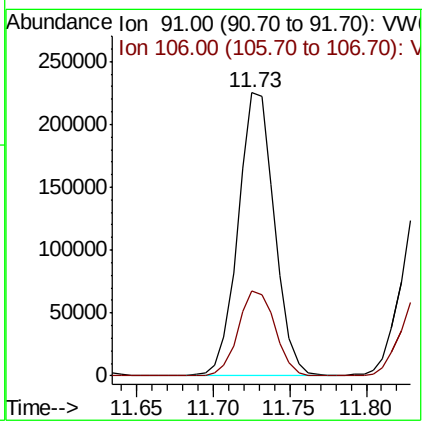


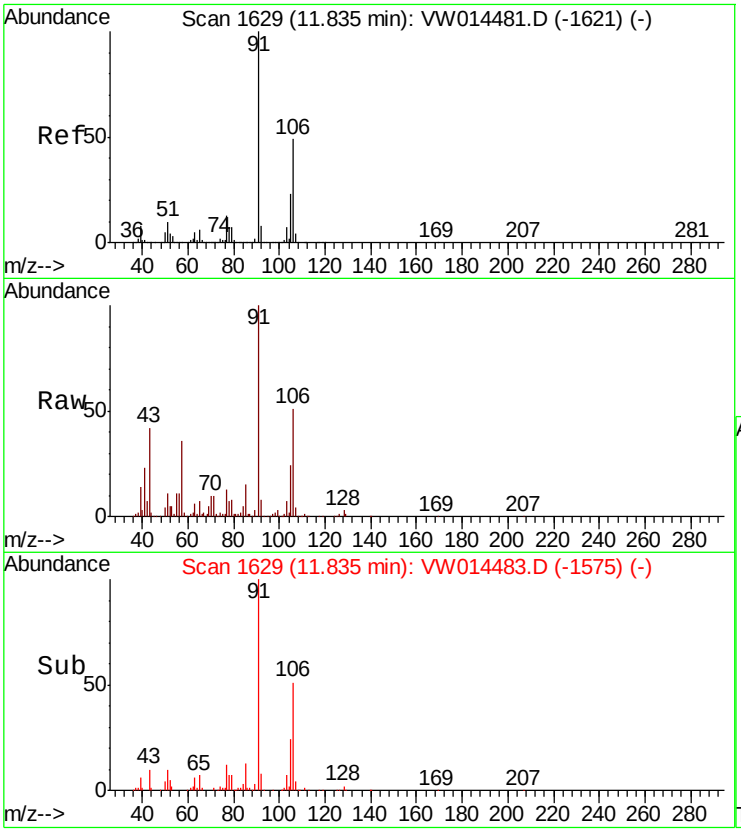


#53
Ethylbenzene
Concen: 4.408 ug/L
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Tgt Ion: 91 Resp: 367543

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.8	40.6



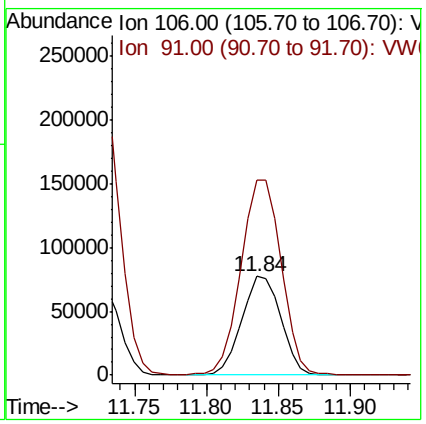


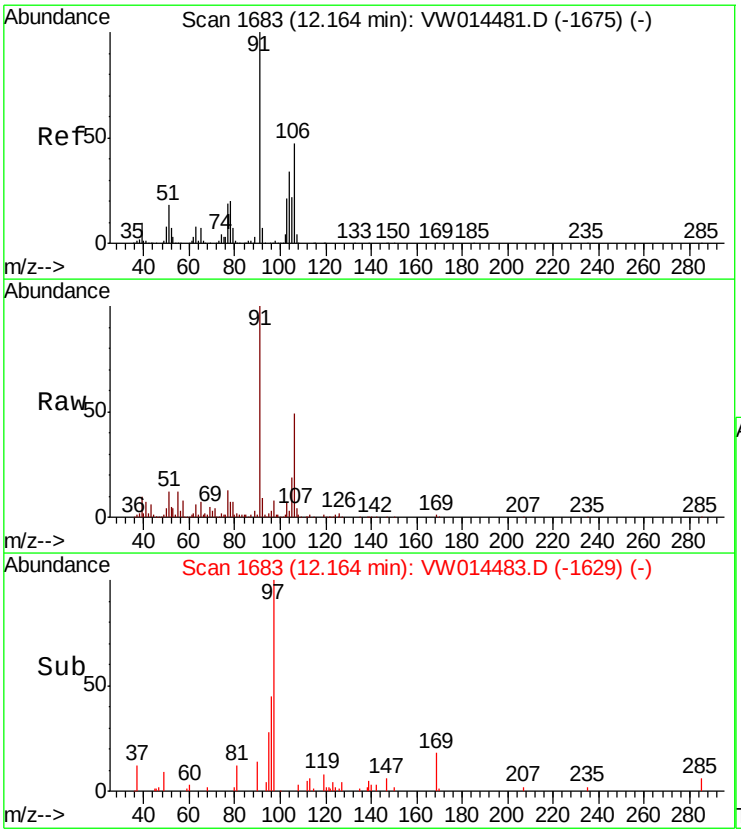
#54
m,p-Xylene
Concen: 4.634 ug/L
RT: 11.84 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Instrument :
MSVOA_W
ClientSampleId :
ETK90

Tgt Ion:106 Resp: 146245

Ion	Ratio	Lower	Upper
106	100		
91	197.8	142.2	264.0

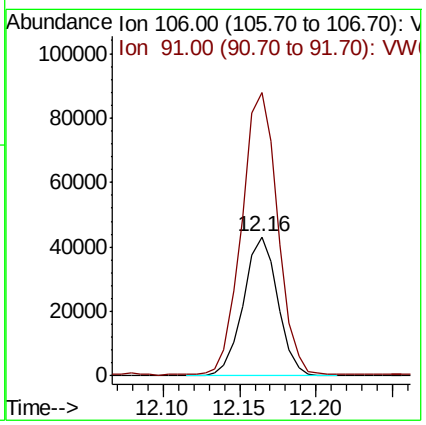


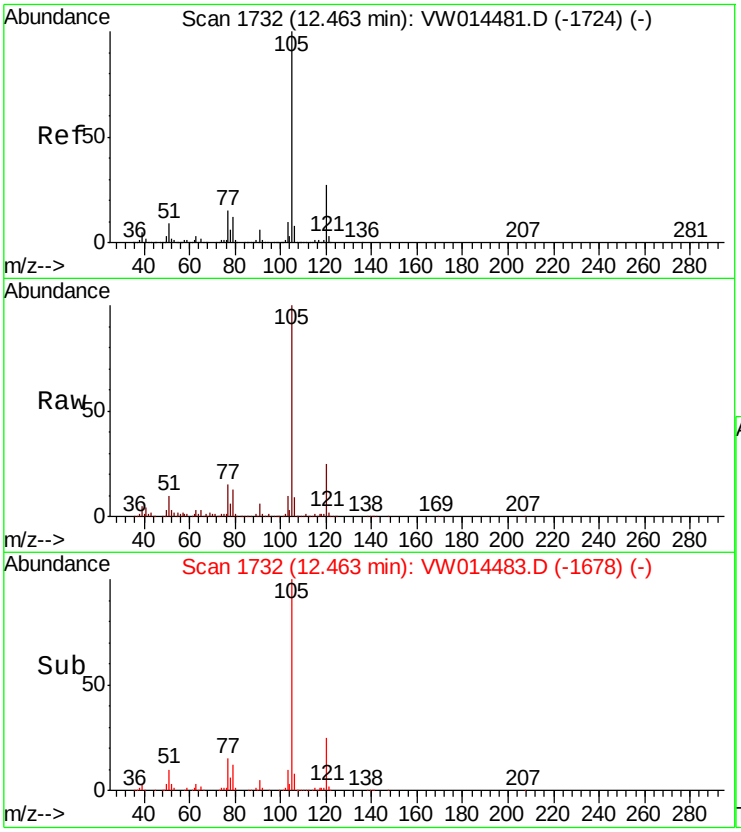


#55
o-xylene
Concen: 2.279 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Tgt Ion:106 Resp: 67922

Ion	Ratio	Lower	Upper
106	100		
91	203.3	148.7	276.1





#57
Isopropylbenzene
Concen: 5.629 ug/L
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW014483.D
Acq: 28 Dec 2019 00:24

Instrument :
MSVOA_W
ClientSampleId :
ETK90

Tgt Ion:105 Resp: 446279

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.0	31.6
77	15.6	12.2	18.2