Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\

Quantitation Report (Not Reviewed)

Data File : VW014350.D
Acq On : 13 Dec 2019 15:29
Operator : SY/VA
Sample : K6270-01
Misc : 5.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETK79

Quant Time: Dec 14 04:31:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1325326	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1141484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	487051	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	386487	19.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.04%			
7) Chloroethane-d5	2.89	69	313435	21.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.00%			
10) 1,1-Dichloroethene-d2	4.01	63	559511	15.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.12%			
20) 2-Butanone-d5	7.07	46	185591	35.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.98%			
24) Chloroform-d	7.64	84	737300	21.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	8.30	65	371370	20.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 83.96%			
29) Benzene-d6	8.27	84	1549770	23.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.68%			
33) 1,2-Dichloropropane-d6	9.27	67	477414	23.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.80%			
37) Toluene-d8	10.32	98	1368910	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.52%			
38) trans-1,3-Dichloropropene-	10.57	79	174624	20.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.88%			
39) 2-Hexanone-d5	10.92	63	159001	38.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 77.70%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	333231	19.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.48%			
61) 1,2-Dichlorobenzene-d4	13.85	152	423615	22.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.04%			
Target Compounds						Qvalue
13) Acetone	4.12	43	20345	4.035	ug/L	94
30) Cyclohexane	7.95	56	23243	0.816	ug/L #	76
34) Benzene	8.32	78	89819	1.243	ug/L	100
36) Methylcyclohexane	9.34	83	36236	1.166	ug/L #	86
44) Toluene	10.38	91	181354	2.393	ug/L	99
53) Ethylbenzene	11.72	91	58928	0.717	ug/L	91
54) m,p-Xylene	11.83	106	35650	1.127	ug/L	96
55) o-xylene	12.16	106	13835	0.461	ug/L	96
59) 1,2,3-Trichloropropane	13.55	75	57648	4.492	ug/L	89

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\

Quantitation Report (Not Reviewed)

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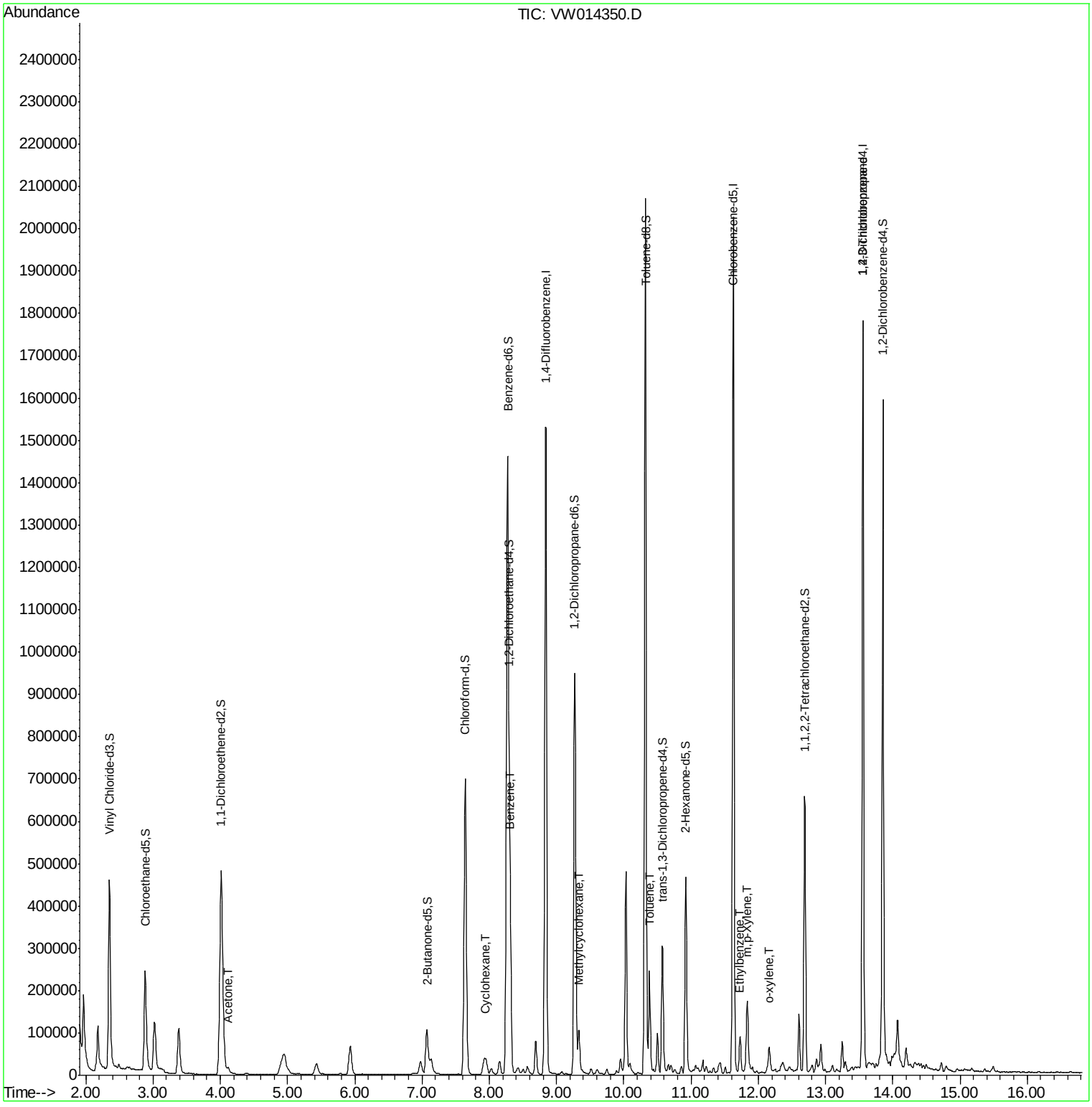
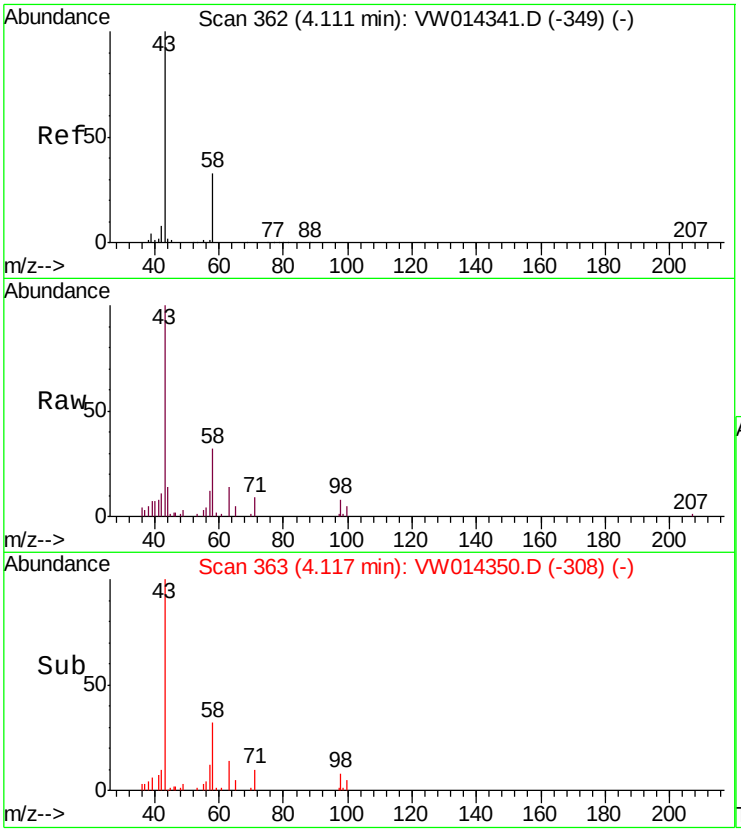
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK79

Quant Time: Dec 14 04:31:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration



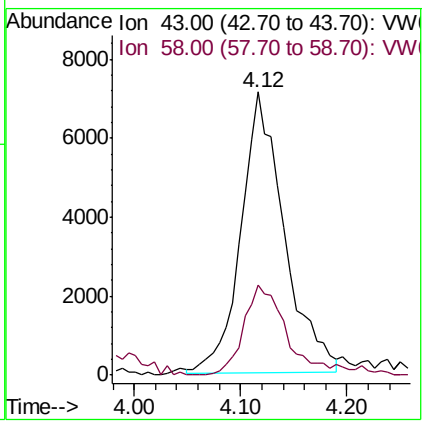


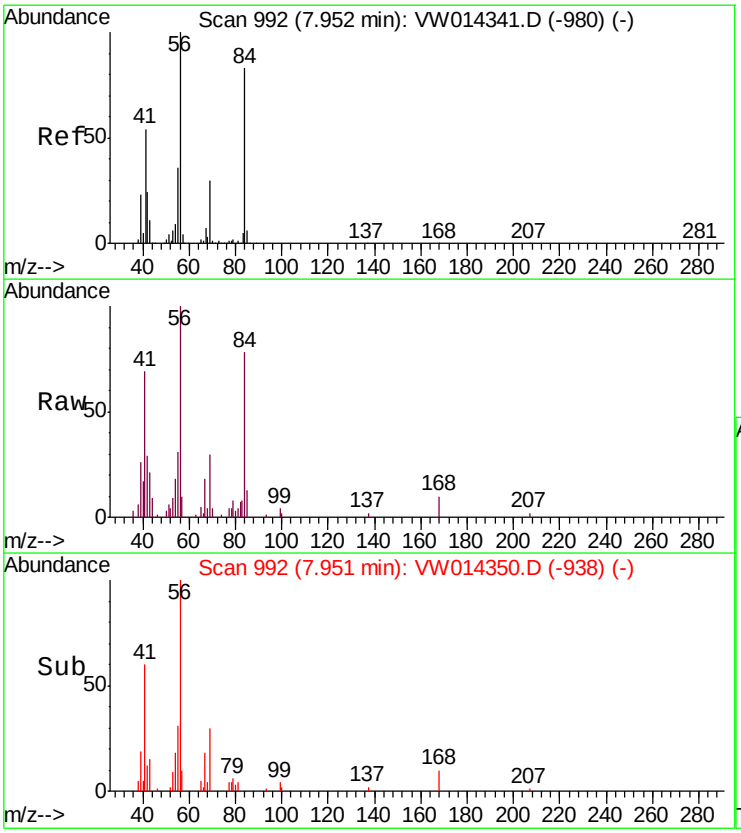
#13
Acetone
Concen: 4.035 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Instrument : MSVOA_W
ClientSampleId : ETK79

Tgt Ion: 43 Resp: 20345

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	65.4

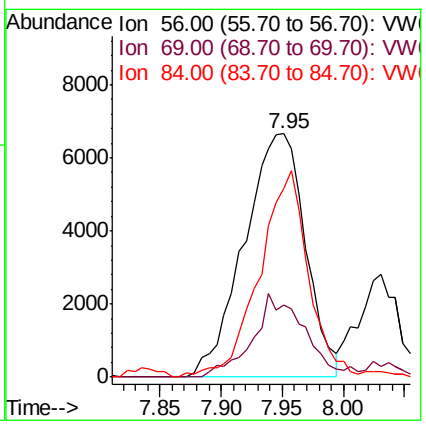


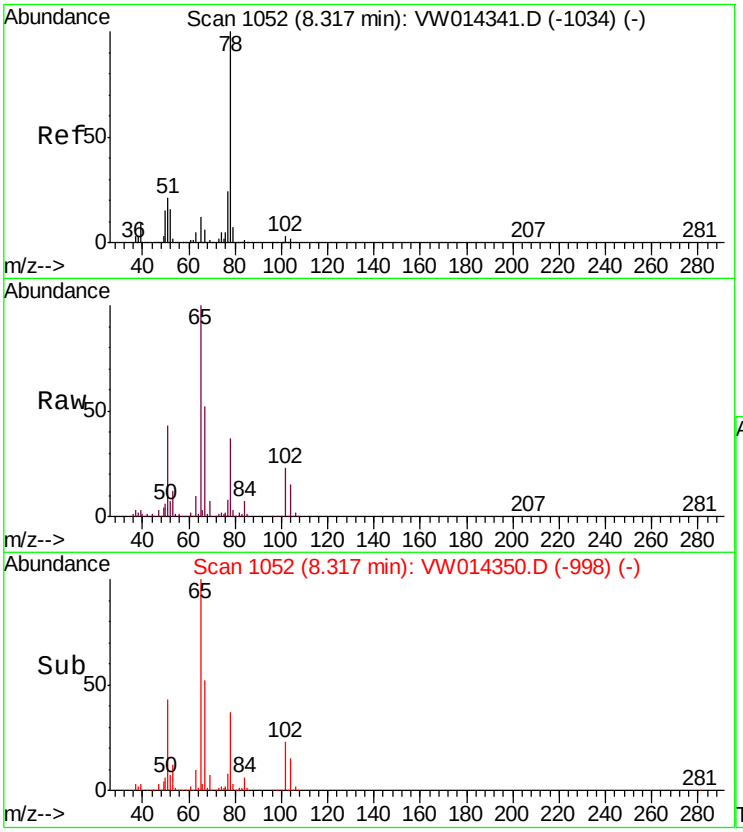


#30
Cyclohexane
Concen: 0.816 ug/L
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Tgt Ion: 56 Resp: 23243

Ion	Ratio	Lower	Upper
56	100		
69	14.4	24.6	37.0#
84	67.6	70.2	105.2#

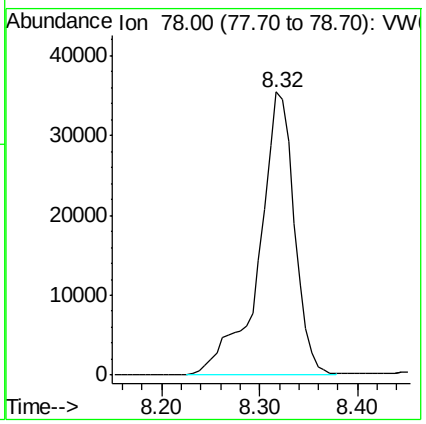


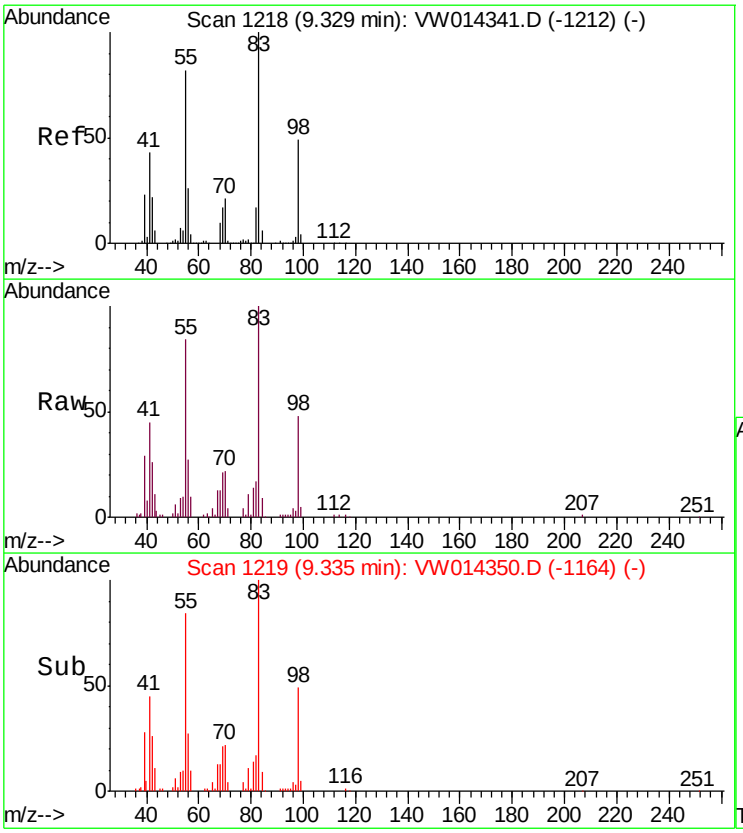


#34
Benzene
Concen: 1.243 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
ETK79

Tgt Ion: 78 Resp: 89819

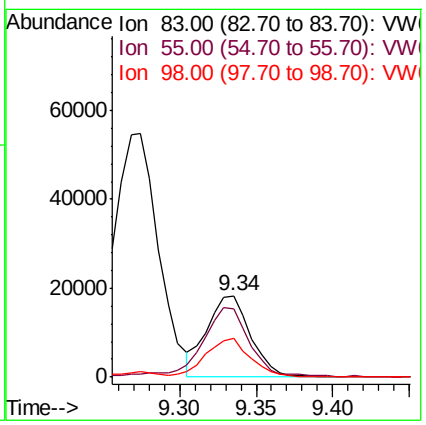


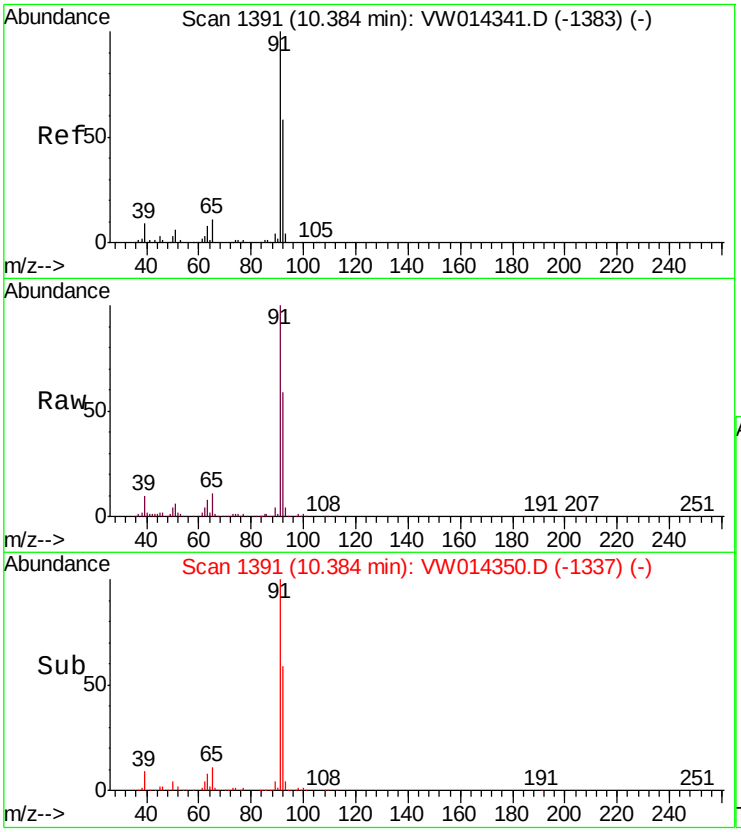


#36
Methylcyclohexane
Concen: 1.166 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Tgt Ion: 83 Resp: 36236

Ion	Ratio	Lower	Upper
83	100		
55	93.9	59.8	89.8#
98	48.3	39.5	59.3



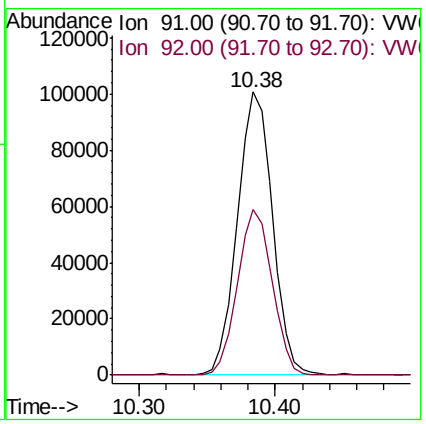


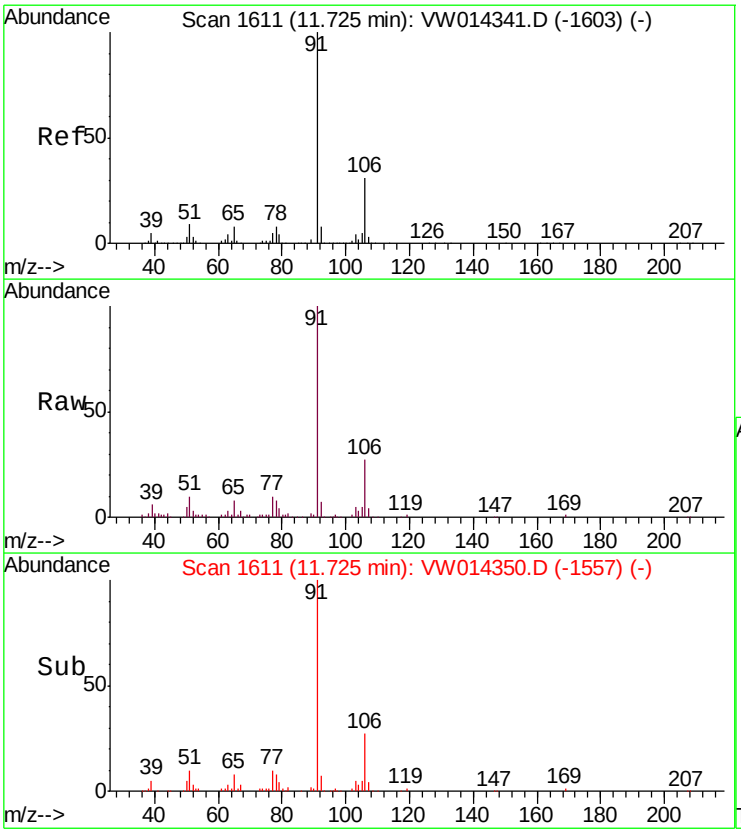
#44
Toluene
Concen: 2.393 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Instrument : MSVOA_W
ClientSampleId : ETK79

Tgt Ion: 91 Resp: 181354

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.7	75.7

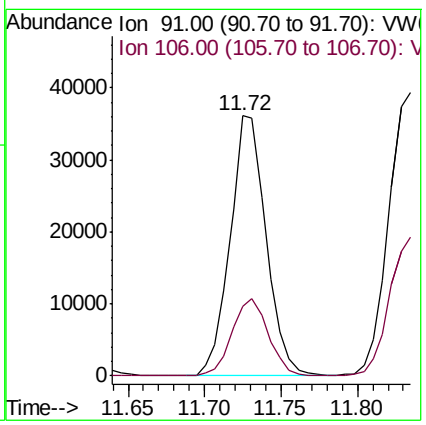


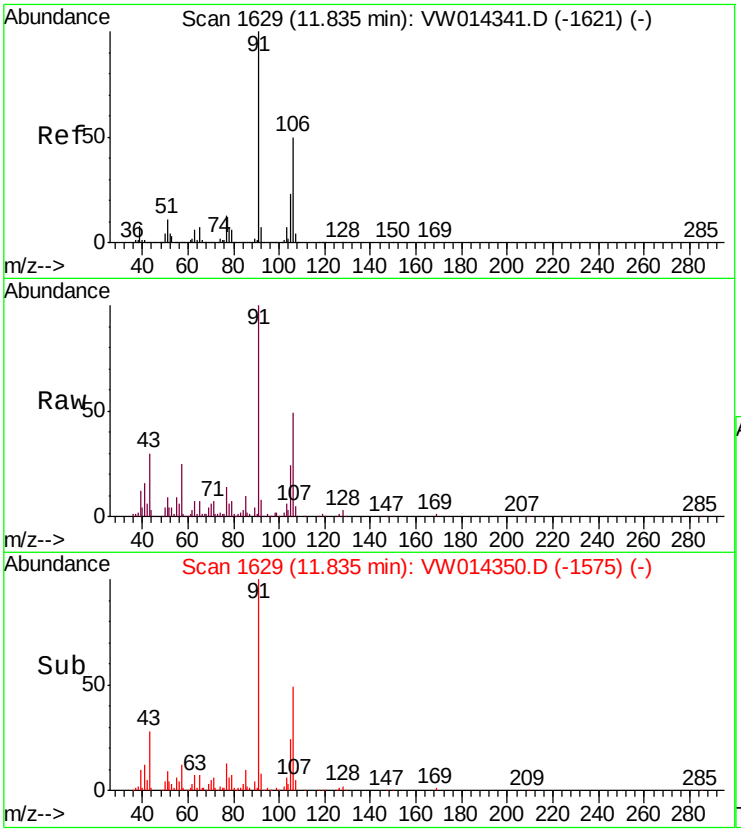


#53
Ethylbenzene
Concen: 0.717 ug/L
RT: 11.72 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Tgt Ion: 91 Resp: 58928

Ion	Ratio	Lower	Upper
91	100		
106	26.9	22.3	41.5



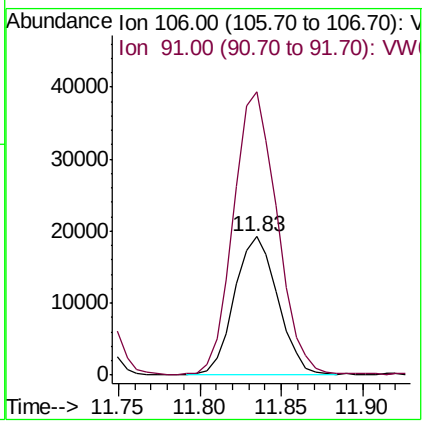


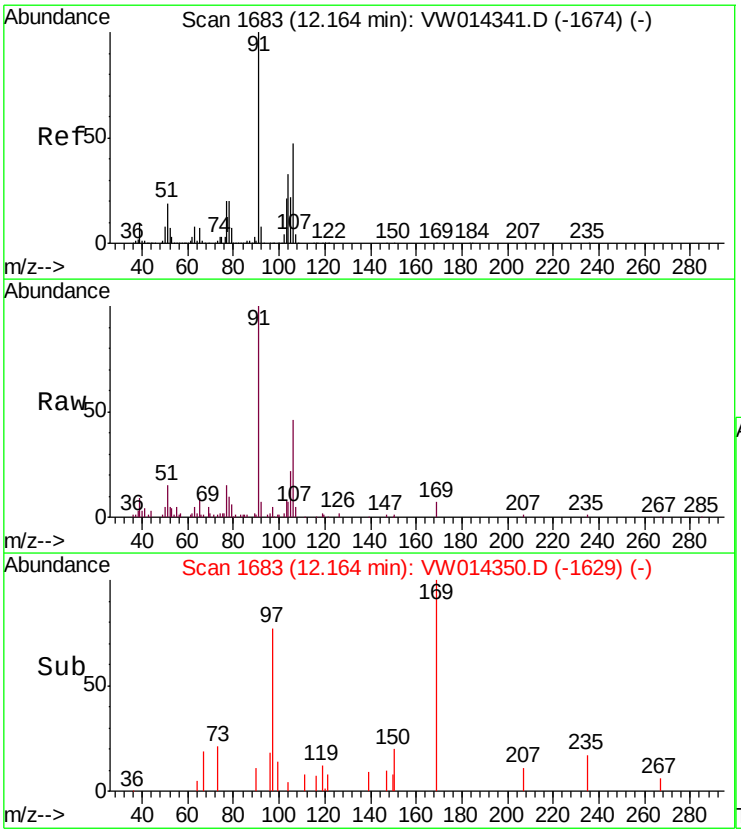
#54
m,p-Xylene
Concen: 1.127 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
ETK79

Tgt Ion:106 Resp: 35650

Ion	Ratio	Lower	Upper
106	100		
91	204.7	138.7	257.5

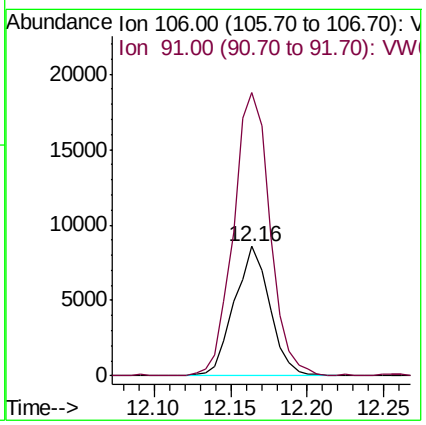


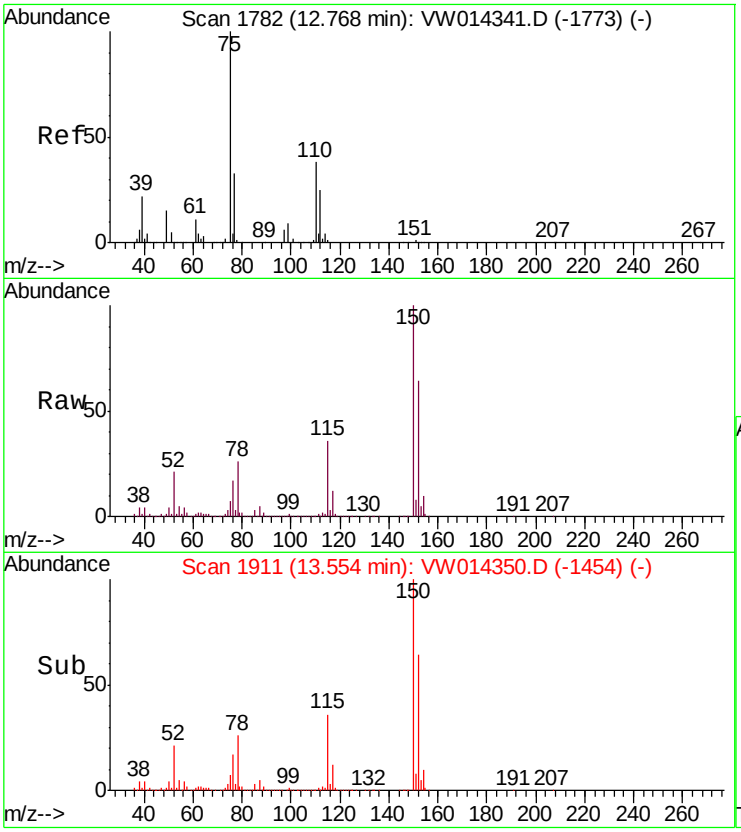


#55
o-xylene
Concen: 0.461 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Tgt Ion:106 Resp: 13835

Ion	Ratio	Lower	Upper
106	100		
91	218.3	148.3	275.5





#59
1,2,3-Trichloropropane
Concen: 4.492 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW014350.D
Acq: 13 Dec 2019 15:29

Instrument :
MSVOA_W
ClientSampleId :
ETK79

Tgt Ion: 75 Resp: 57648

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.9	38.9