Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AC2RE

Quant Time: Nov 17 08:20:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	225347	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62151	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	83676	19.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.76%			
7) Chloroethane-d5	2.89	69	76875	23.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.88%			
10) 1,1-Dichloroethene-d2	4.02	63	120669	15.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.48%			
20) 2-Butanone-d5	7.08	46	46208	48.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.24%			
24) Chloroform-d	7.65	84	189164	24.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.08%			
26) 1,2-Dichloroethane-d4	8.31	65	103311	26.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.52%			
29) Benzene-d6	8.28	84	344348	30.01	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 120.04%			
33) 1,2-Dichloropropane-d6	9.27	67	97027	30.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.28%#			
37) Toluene-d8	10.32	98	267381	24.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.84%			
38) trans-1,3-Dichloropropene-	10.58	79	38324	26.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.12%			
39) 2-Hexanone-d5	10.93	63	37824	68.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.56%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67630	24.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.84%			
61) 1,2-Dichlorobenzene-d4	13.85	152	49734	22.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.84%			
Target Compounds						Qvalue
13) Acetone	4.13	43	3633	5.709	ug/L	96
16) Methylene chloride	4.92	84	9641	2.119	ug/L	99
44) Toluene	10.40	91	3694	0.284	ug/L	87
53) Ethylbenzene	11.73	91	5343	0.367	ug/L	96
54) m,p-Xylene	11.84	106	4011	0.705	ug/L	99
55) o-xylene	12.16	106	4917	0.910	ug/L	94
57) Isopropylbenzene	12.47	105	15021	1.025	ug/L #	90

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

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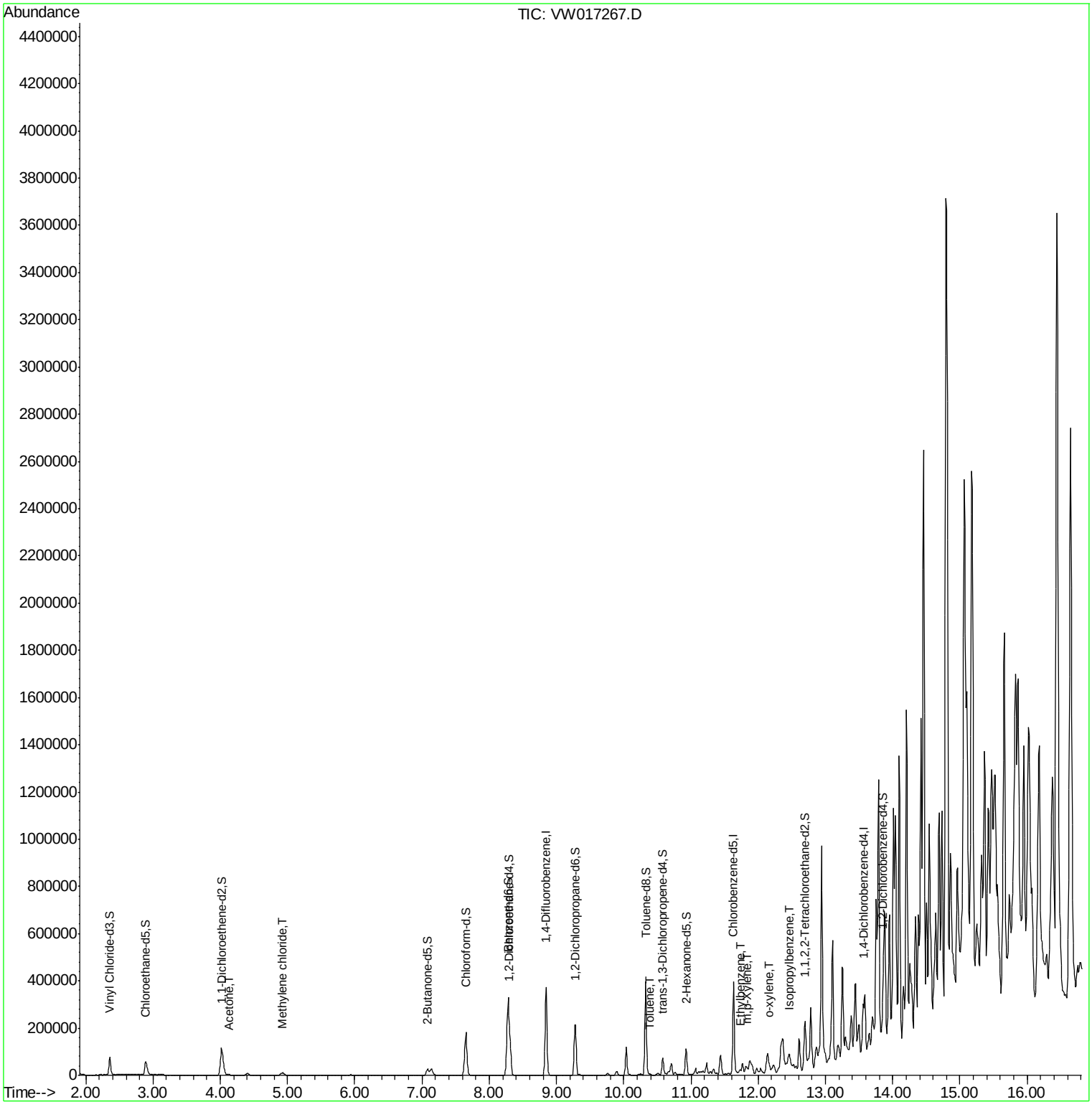
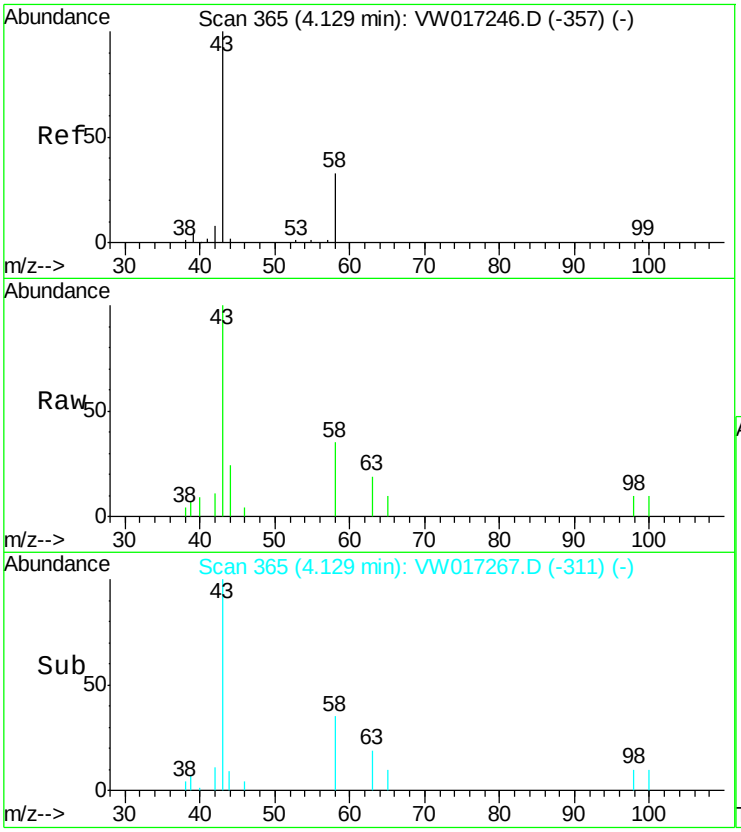


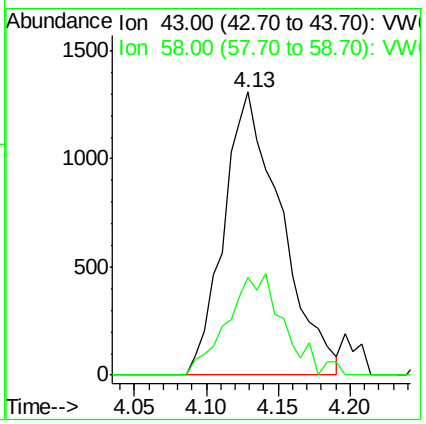


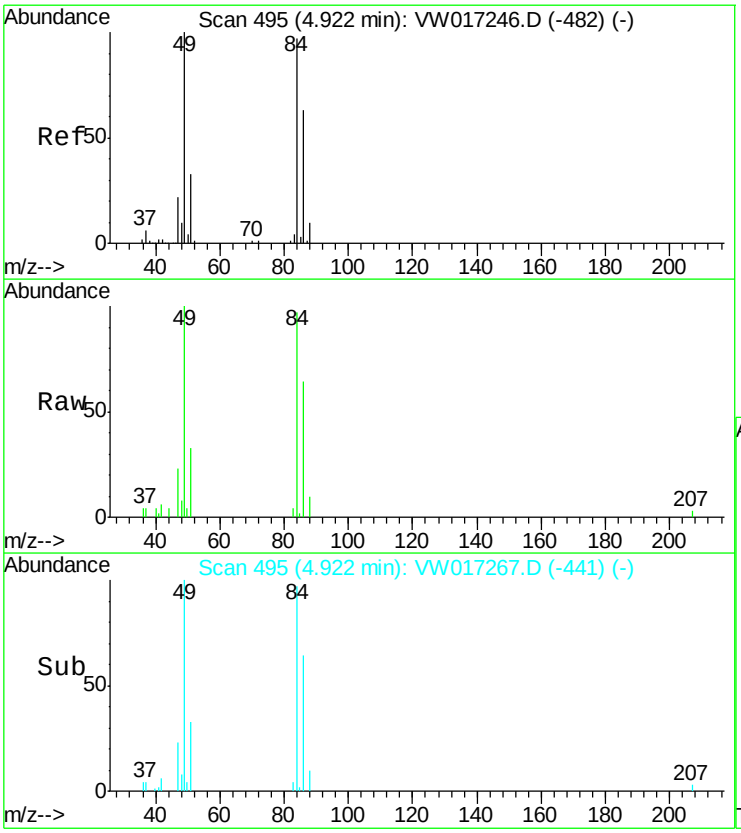
#13
Acetone
Concen: 5.709 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW017267.D
Acq: 16 Nov 2020 19:14

Instrument : MSVOA_W
ClientSampleId : C0AC2RE

Tgt Ion: 43 Resp: 3633

Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	69.2

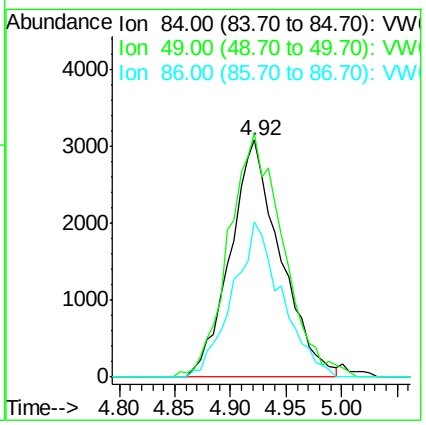


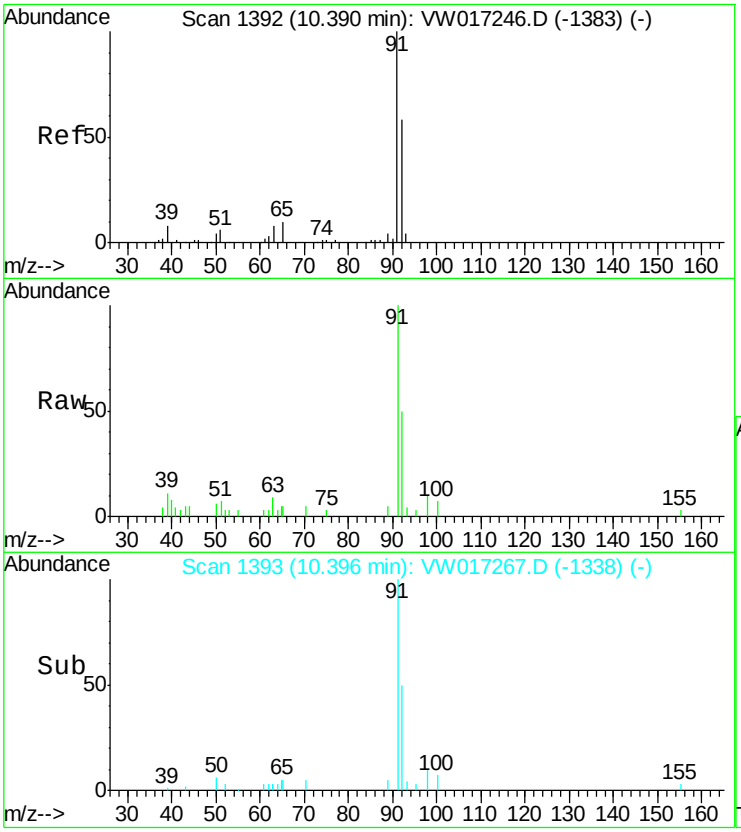


#16
Methylene chloride
Concen: 2.119 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017267.D
Acq: 16 Nov 2020 19:14

Tgt Ion: 84 Resp: 9641

Ion	Ratio	Lower	Upper
84	100		
49	102.9	72.3	134.3
86	65.5	45.1	83.7



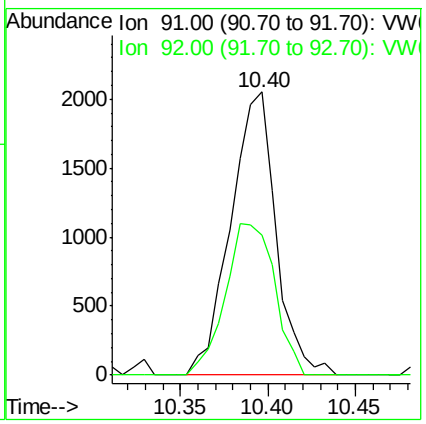


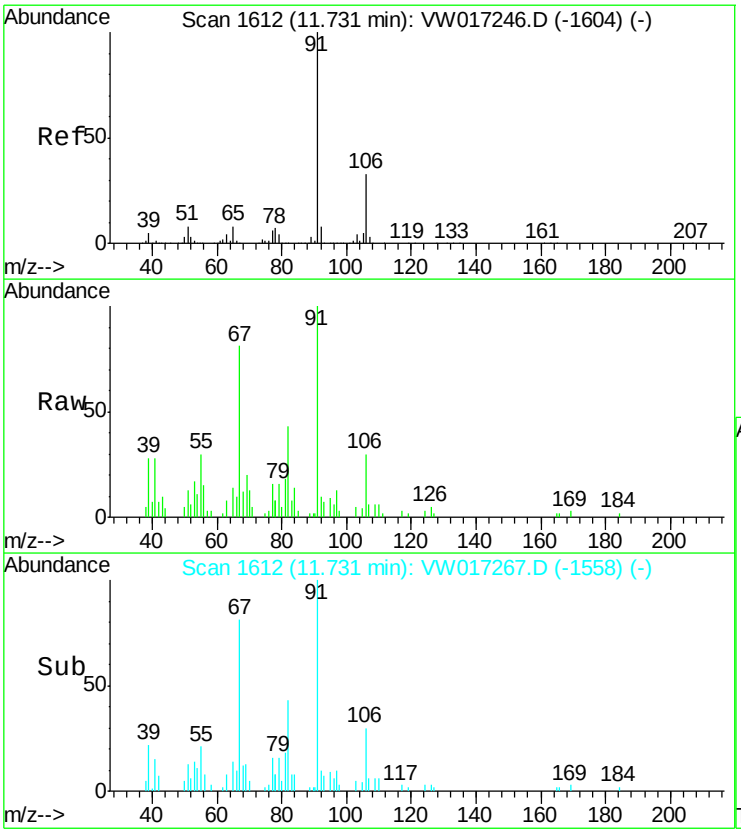
#44
Toluene
Concen: 0.284 ug/L
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW017267.D
Acq: 16 Nov 2020 19:14

Instrument : MSVOA_W
ClientSampleId : C0AC2RE

Tgt Ion: 91 Resp: 3694

Ion	Ratio	Lower	Upper
91	100		
92	49.6	41.4	76.8

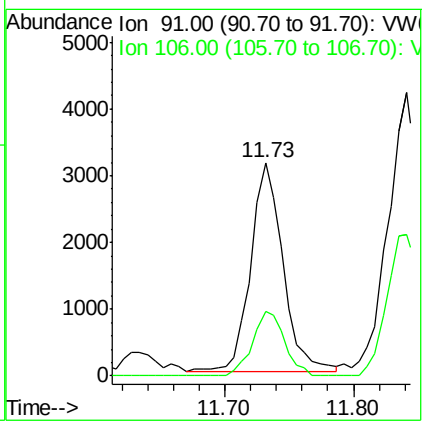


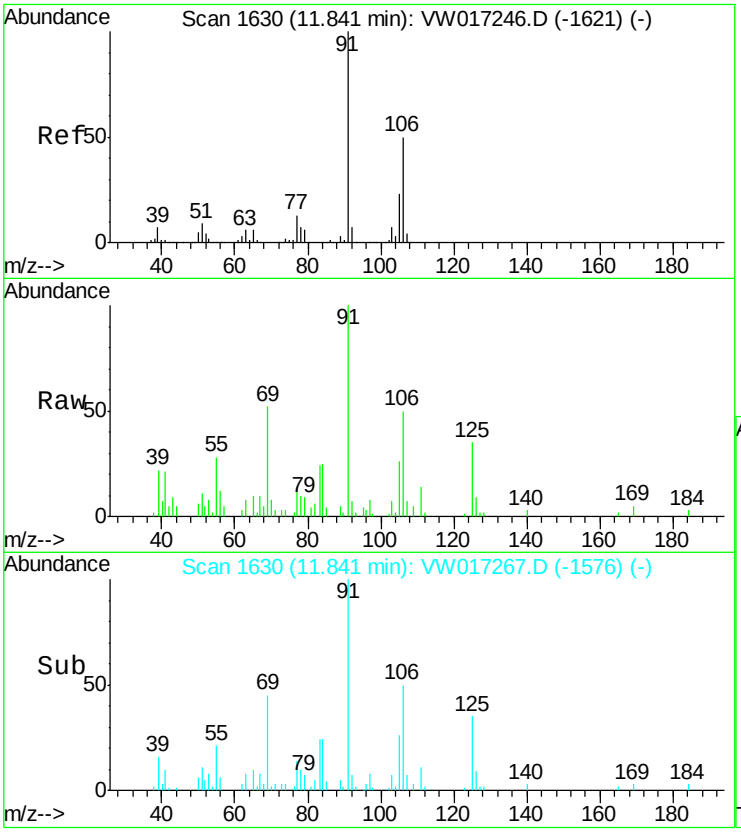


#53
Ethylbenzene
Concen: 0.367 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017267.D
Acq: 16 Nov 2020 19:14

Tgt Ion: 91 Resp: 5343

Ion	Ratio	Lower	Upper
91	100		
106	30.3	22.9	42.5



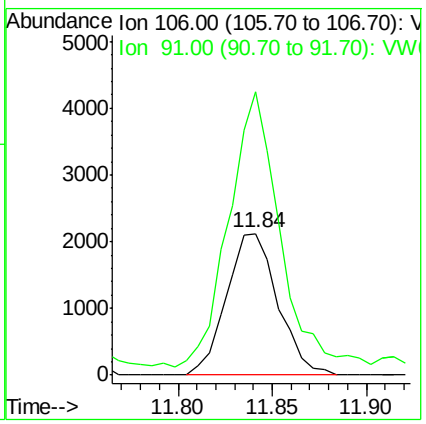


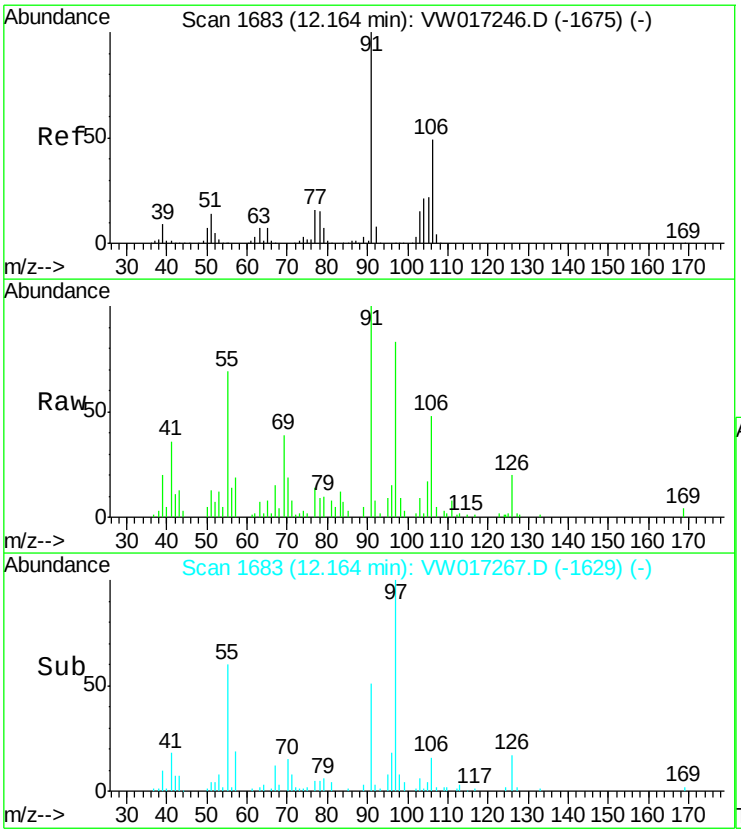
#54
m,p-Xylene
Concen: 0.705 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017267.D
Acq: 16 Nov 2020 19:14

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

Tgt Ion:106 Resp: 4011

Ion	Ratio	Lower	Upper
106	100		
91	199.5	138.7	257.5

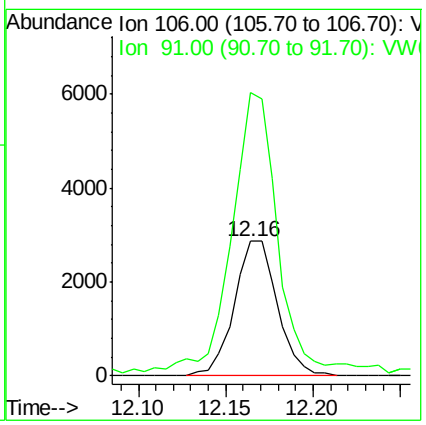


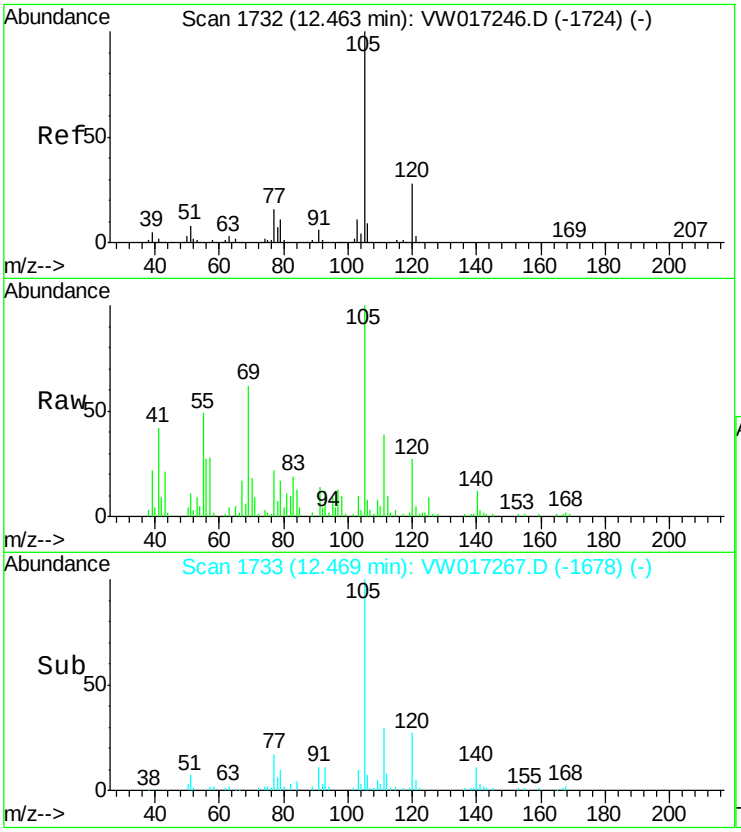


#55
o-xylene
Concen: 0.910 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017267.D
Acq: 16 Nov 2020 19:14

Tgt Ion:106 Resp: 4917

Ion	Ratio	Lower	Upper
106	100		
91	210.3	140.8	261.4





#57
Isopropylbenzene
Concen: 1.025 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW017267.D
Acq: 16 Nov 2020 19:14

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

Tgt Ion:105 Resp: 15021

Ion	Ratio	Lower	Upper
105	100		
120	27.9	21.8	32.6
77	24.9	11.4	17.0#