Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017420.D
Acq On : 20 Nov 2020 16:22
Operator : SY/VA
Sample : L4853-02
Misc : 4.85G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD1

Quant Time: Nov 21 01:35:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	268752	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	183767	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	46252	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	109145	27.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.72%			
7) Chloroethane-d5	2.89	69	92058	29.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.52%			
10) 1,1-Dichloroethene-d2	4.02	63	130943	18.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.24%			
20) 2-Butanone-d5	7.07	46	43662	66.82	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.64%			
24) Chloroform-d	7.65	84	191669	27.15	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.60%			
26) 1,2-Dichloroethane-d4	8.31	65	104104	30.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 122.08%			
29) Benzene-d6	8.27	84	360282	34.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 139.12%#			
33) 1,2-Dichloropropane-d6	9.27	67	101430	36.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 147.00%#			
37) Toluene-d8	10.33	98	268501	27.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.12%			
38) trans-1,3-Dichloropropene-	10.58	79	39793	33.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 132.48%			
39) 2-Hexanone-d5	10.93	63	33976	91.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 183.62%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71810	34.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 137.36%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	47058	27.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.24%			
Target Compounds						Qvalue
13) Acetone	4.13	43	2204	4.623	ug/L	80
16) Methylene chloride	4.93	84	8488	1.846	ug/L	93
36) Methylcyclohexane	9.34	83	1453	0.310	ug/L #	72
44) Toluene	10.39	91	5075	0.441	ug/L	99
54) m,p-Xylene	11.84	106	1879	0.378	ug/L	75
55) o-xylene	12.17	106	2397	0.508	ug/L	75
57) Isopropylbenzene	12.47	105	7476	0.578	ug/L #	52

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

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QLast Update : Sat Nov 21 00:30:34 2020
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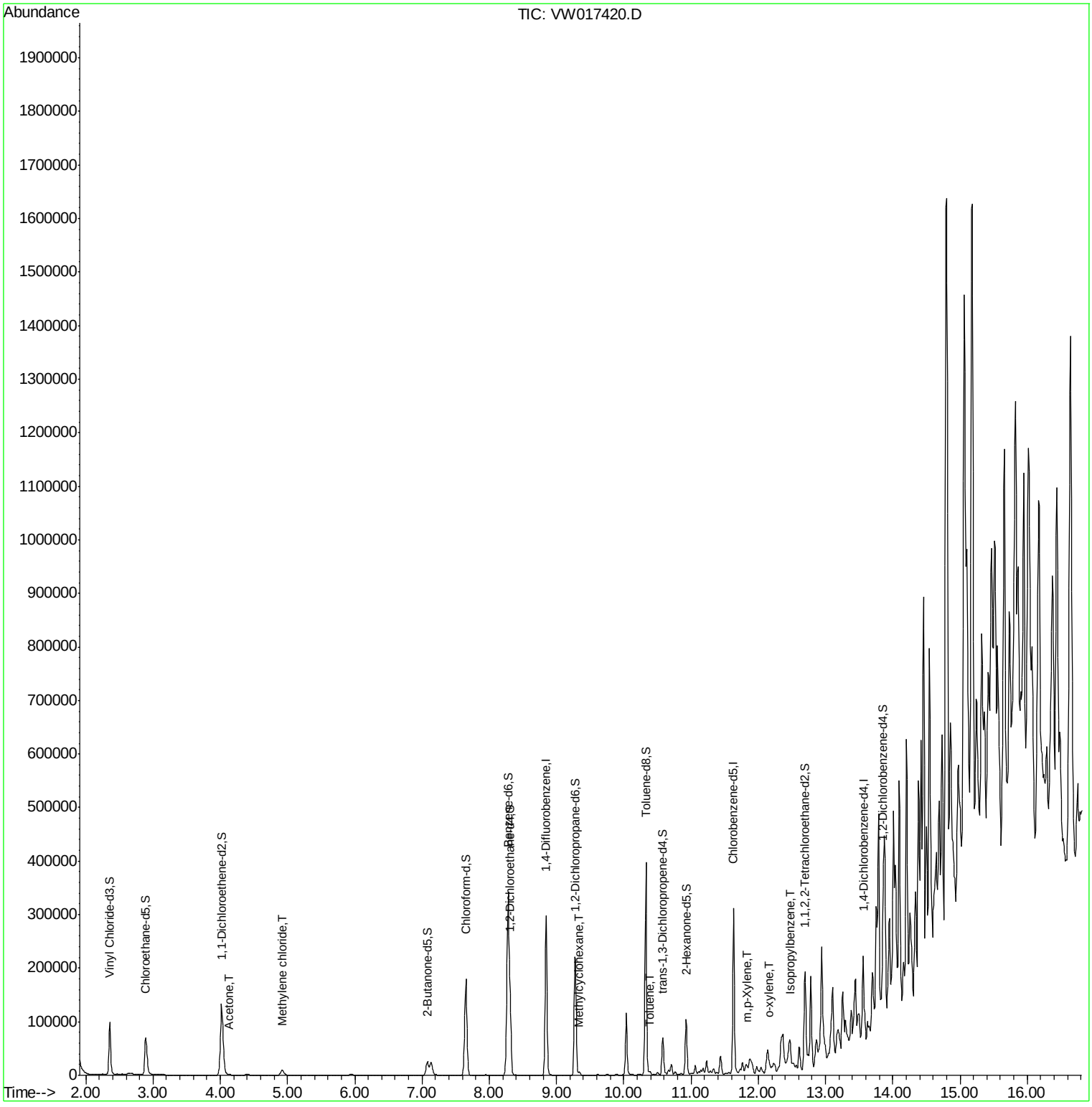
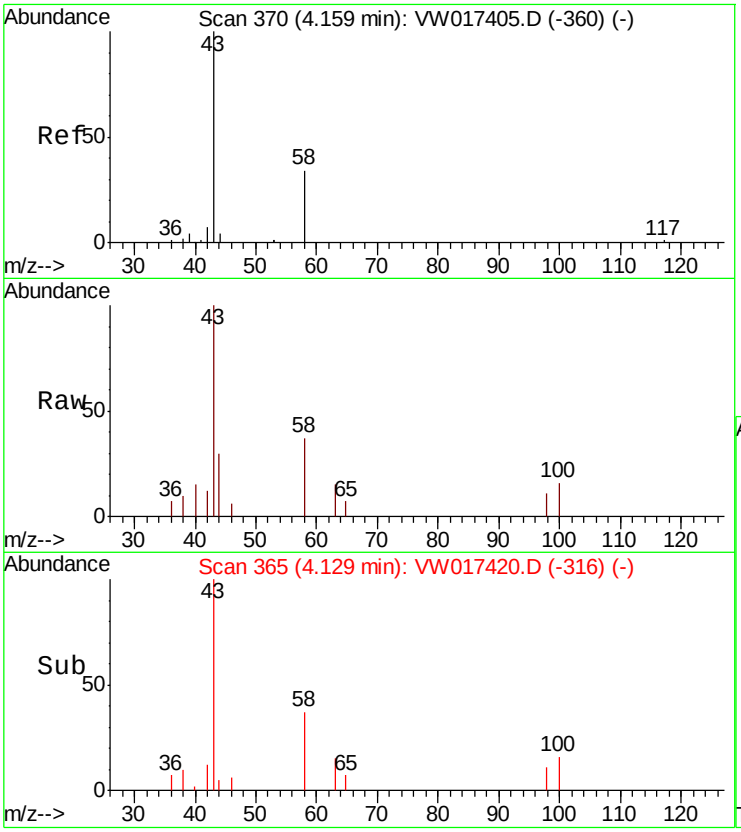


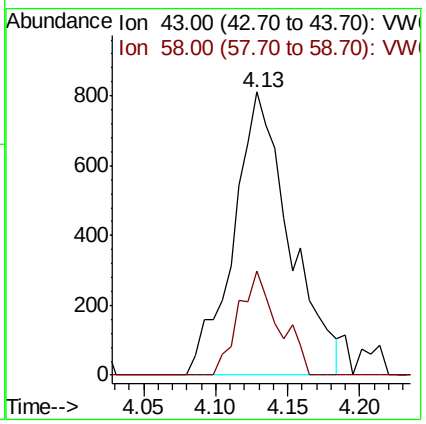


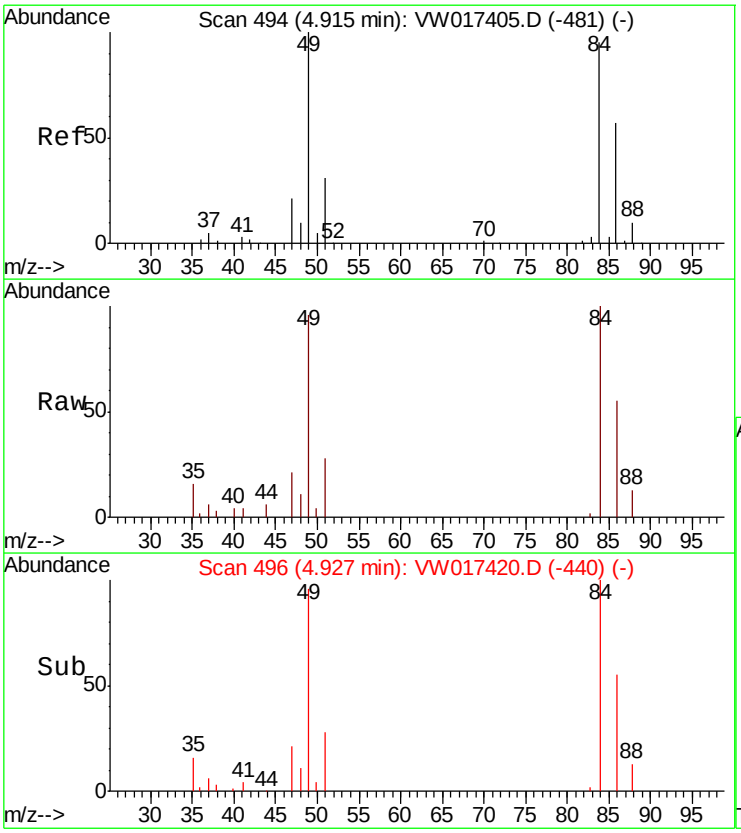
#13
Acetone
Concen: 4.623 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: VW017420.D
Acq: 20 Nov 2020 16:22

Instrument : MSVOA_W
ClientSampleId : C0AD1

Tgt Ion: 43 Resp: 2204

Ion	Ratio	Lower	Upper
43	100		
58	22.3	0.0	67.0

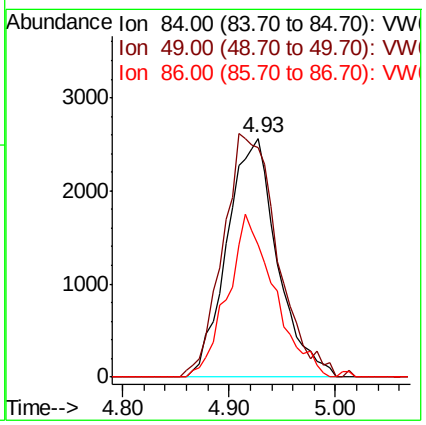


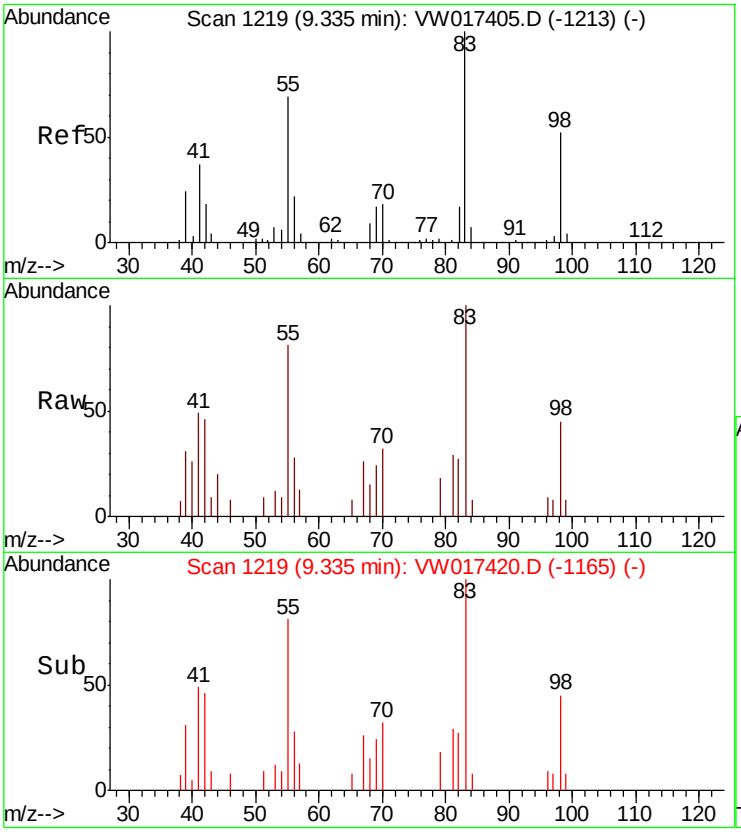


#16
Methylene chloride
Concen: 1.846 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017420.D
Acq: 20 Nov 2020 16:22

Tgt Ion: 84 Resp: 8488

Ion	Ratio	Lower	Upper
84	100		
49	96.2	71.5	132.9
86	55.2	42.8	79.4



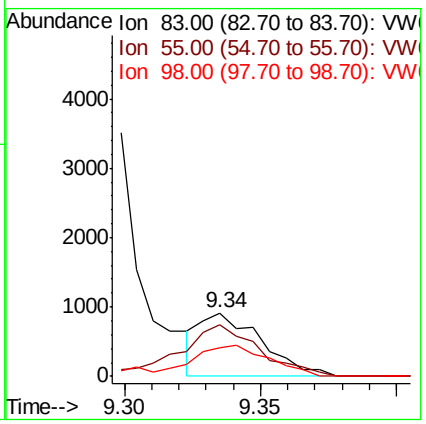


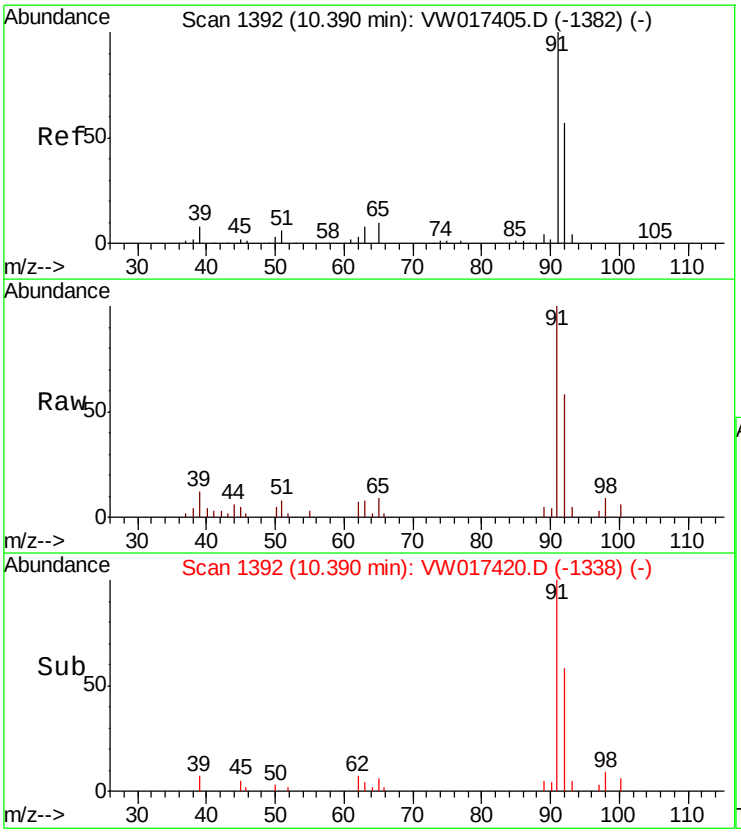
#36
Methylcyclohexane
Concen: 0.310 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW017420.D
Acq: 20 Nov 2020 16:22

Instrument : MSVOA_W
ClientSampleId : C0AD1

Tgt Ion: 83 Resp: 1453

Ion	Ratio	Lower	Upper
83	100		
55	102.4	54.6	81.8#
98	58.4	41.5	62.3

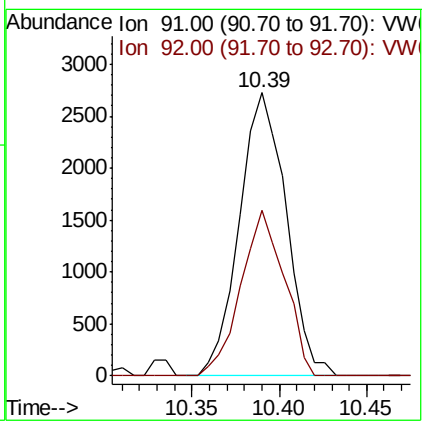


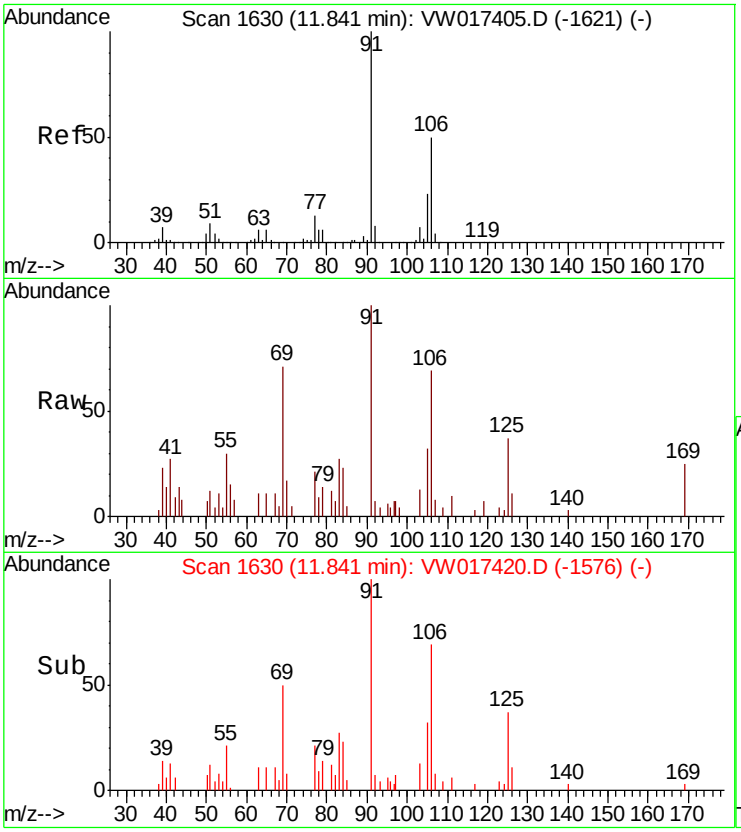


#44
Toluene
Concen: 0.441 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW017420.D
Acq: 20 Nov 2020 16:22

Tgt Ion: 91 Resp: 5075

Ion	Ratio	Lower	Upper
91	100		
92	58.4	41.4	76.8



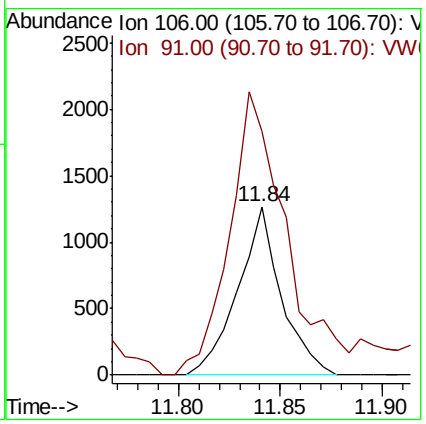


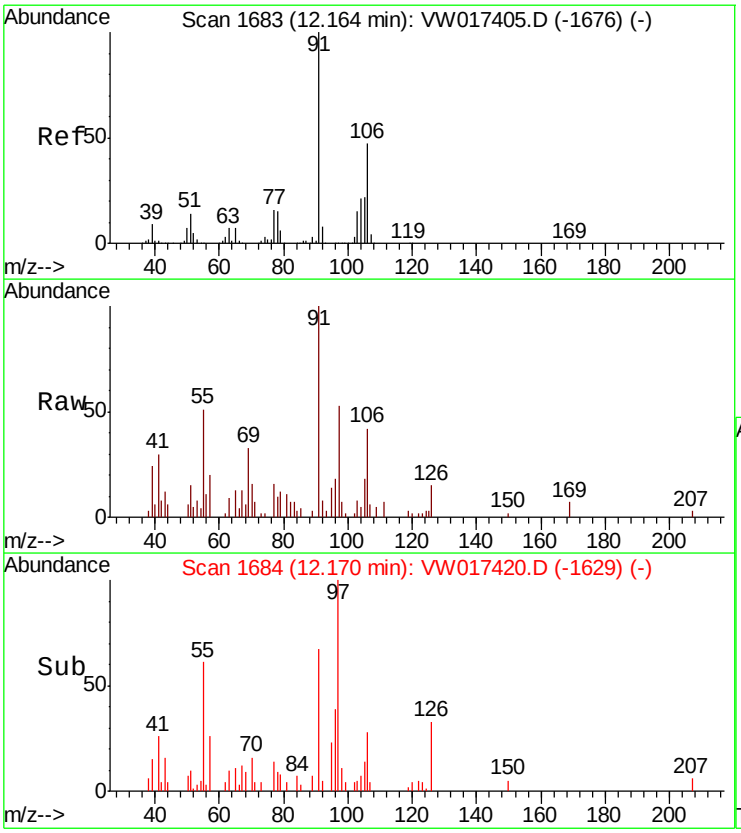
#54
m,p-Xylene
Concen: 0.378 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017420.D
Acq: 20 Nov 2020 16:22

Instrument :
MSVOA_W
ClientSampleId :
C0AD1

Tgt Ion:106 Resp: 1879

Ion	Ratio	Lower	Upper
106	100		
91	145.0	126.9	235.7

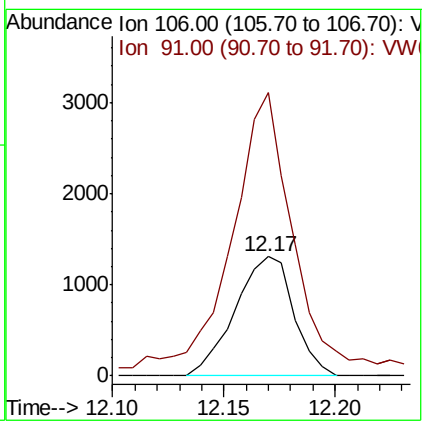


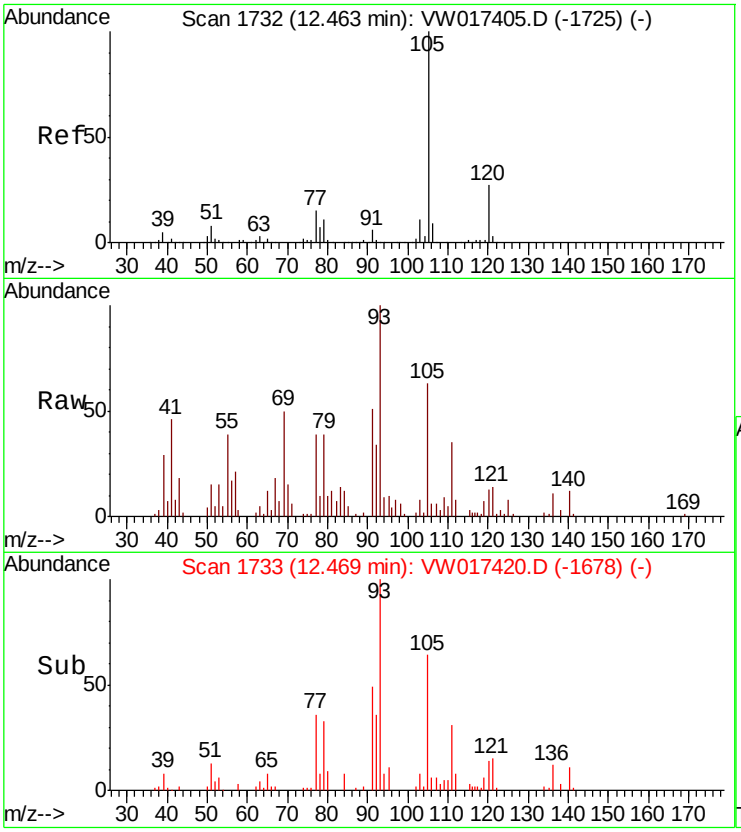


#55
o-xylene
Concen: 0.508 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW017420.D
Acq: 20 Nov 2020 16:22

Tgt Ion:106 Resp: 2397

Ion	Ratio	Lower	Upper
106	100		
91	237.7	139.5	259.1





#57
Isopropylbenzene
Concen: 0.578 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW017420.D
Acq: 20 Nov 2020 16:22

Instrument :
MSVOA_W
ClientSampleId :
C0AD1

Tgt Ion:105 Resp: 7476

Ion	Ratio	Lower	Upper
105	100		
120	21.3	21.6	32.4#
77	62.5	11.8	17.6#