Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020520\

Quantitation Report (Not Reviewed)

Data File : VW014884.D
Acq On : 05 Feb 2020 23:18
Operator : SY/VA
Sample : L1324-18
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT73

Quant Time: Feb 06 03:02:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 06 02:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1026647	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	848842	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	255734	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	348487	20.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.00%			
7) Chloroethane-d5	2.89	69	335046	24.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.48%			
10) 1,1-Dichloroethene-d2	4.01	63	522082	16.81	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.24%			
20) 2-Butanone-d5	7.07	46	265742	55.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.42%			
24) Chloroform-d	7.65	84	766549	26.30	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	8.31	65	450528	27.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.72%			
29) Benzene-d6	8.27	84	1556348	28.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.04%			
33) 1,2-Dichloropropane-d6	9.27	67	536701	30.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.68%#			
37) Toluene-d8	10.32	98	1259816	26.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.88%			
38) trans-1,3-Dichloropropene-	10.57	79	171605	24.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.72%			
39) 2-Hexanone-d5	10.92	63	197768	60.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.98%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	373079	27.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	268497	27.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.28%			

Target Compounds						Qvalue
13) Acetone	4.12	43	18138	3.684	ug/L	100
44) Toluene	10.38	91	126693	2.138	ug/L	98
49) 2-Hexanone	10.93	43	26933	3.744	ug/L #	66
53) Ethylbenzene	11.73	91	161124	2.485	ug/L	98
54) m,p-Xylene	11.84	106	22478	0.949	ug/L	95
55) o-xylene	12.16	106	24677	1.095	ug/L	92
56) Styrene	12.18	104	35168	0.923	ug/L	99
69) Naphthalene	15.36	128	1079210	56.127	ug/L	100

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

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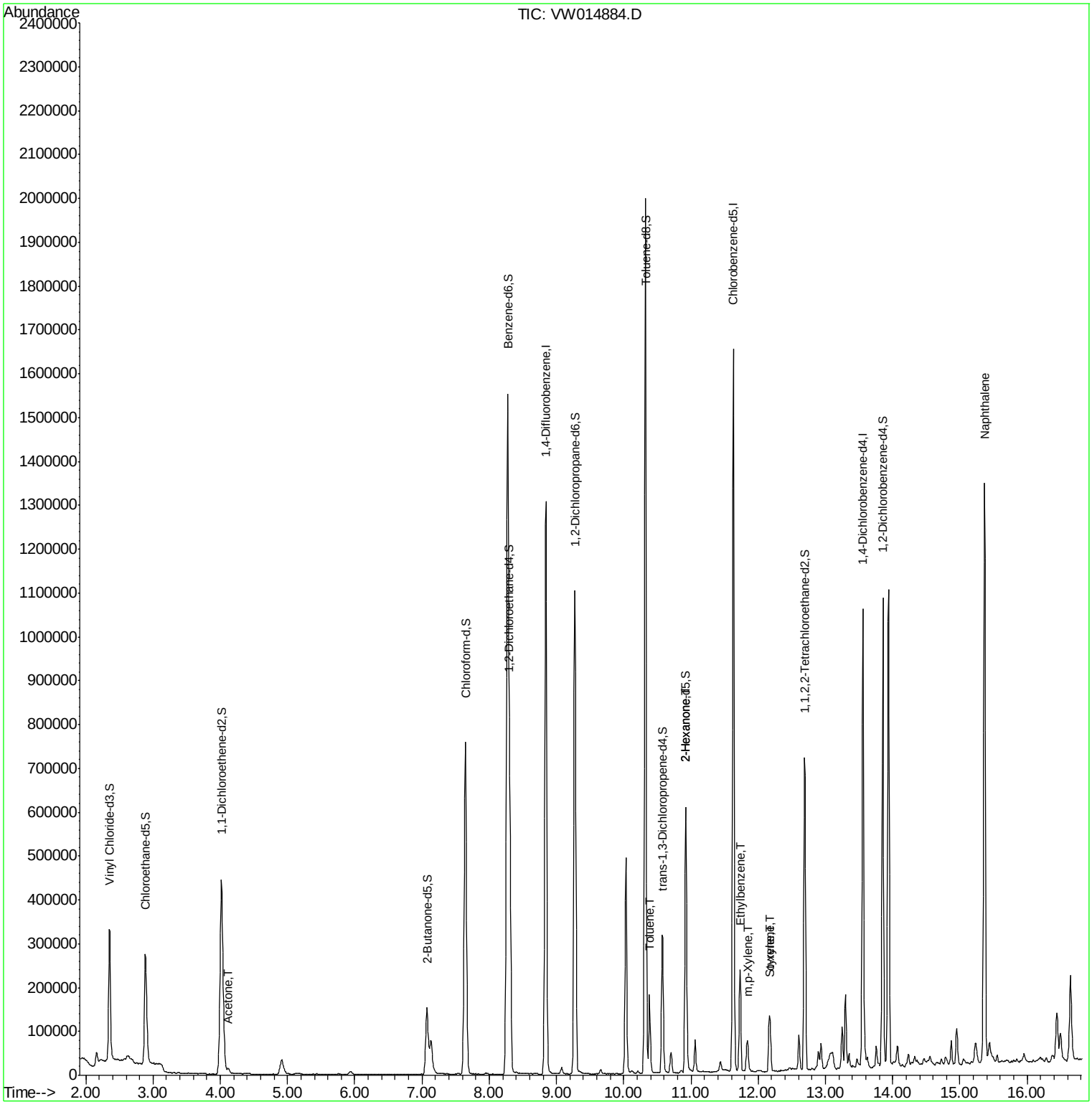
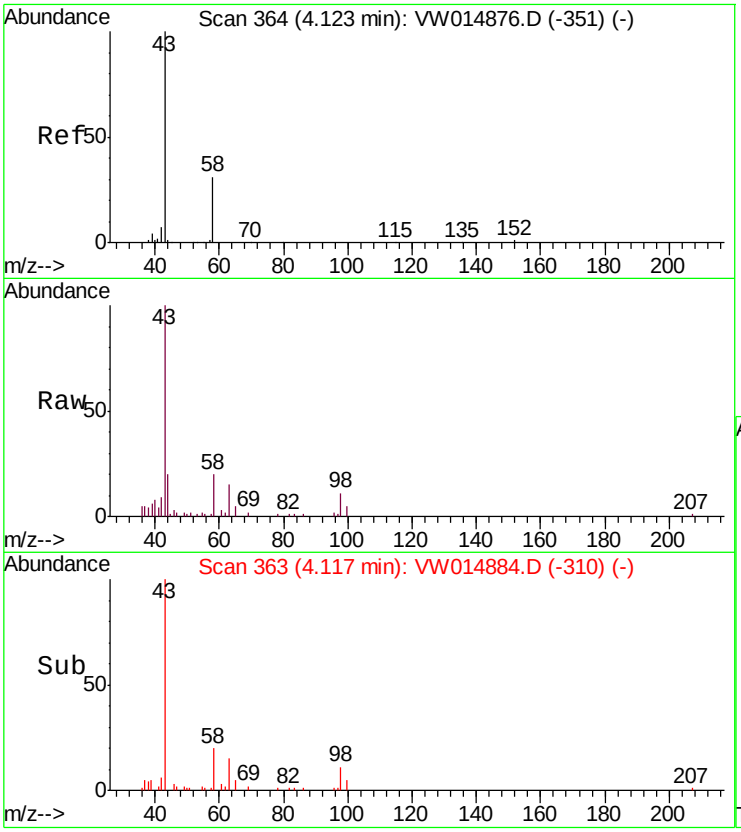
GAT73

Quant Time: Feb 06 03:02:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 06 02:59:09 2020
Response via : Initial Calibration



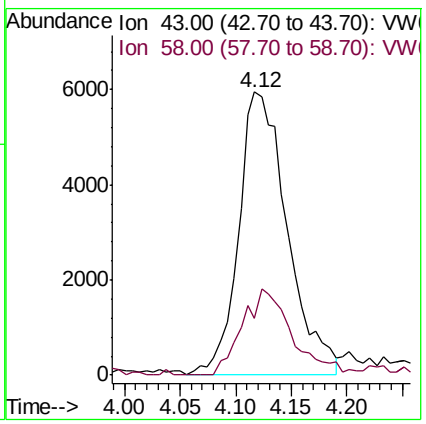


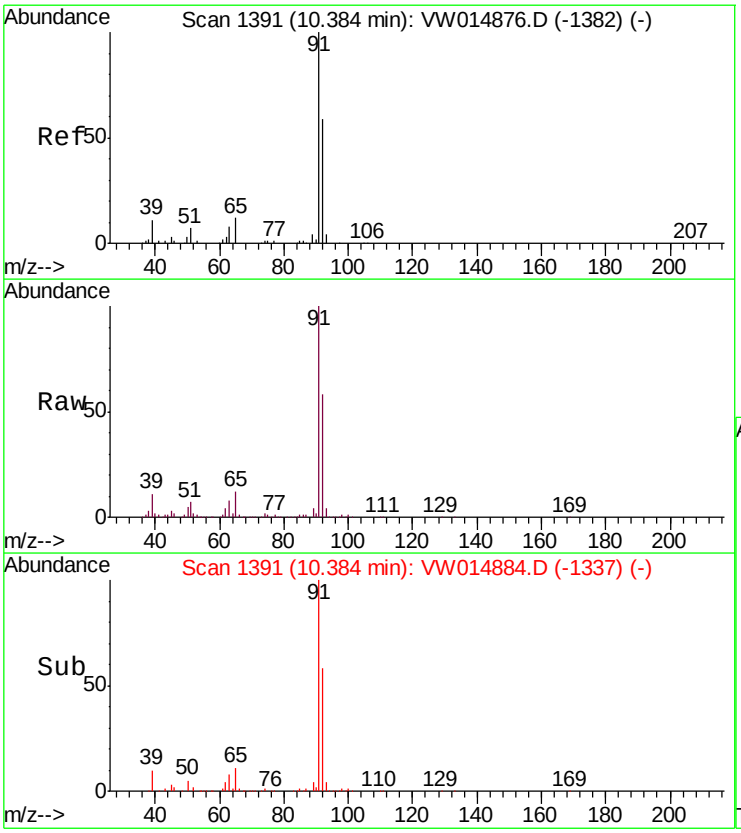
#13
Acetone
Concen: 3.684 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Instrument : MSVOA_W
ClientSampleId : GAT73

Tgt Ion: 43 Resp: 18138

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	60.4

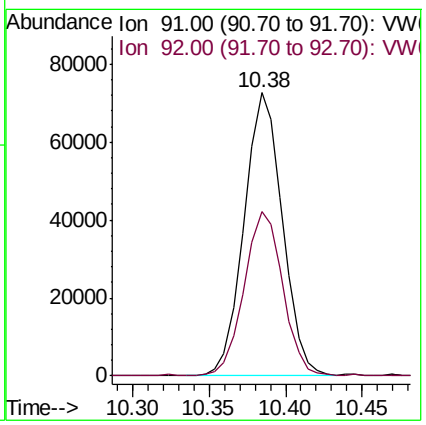


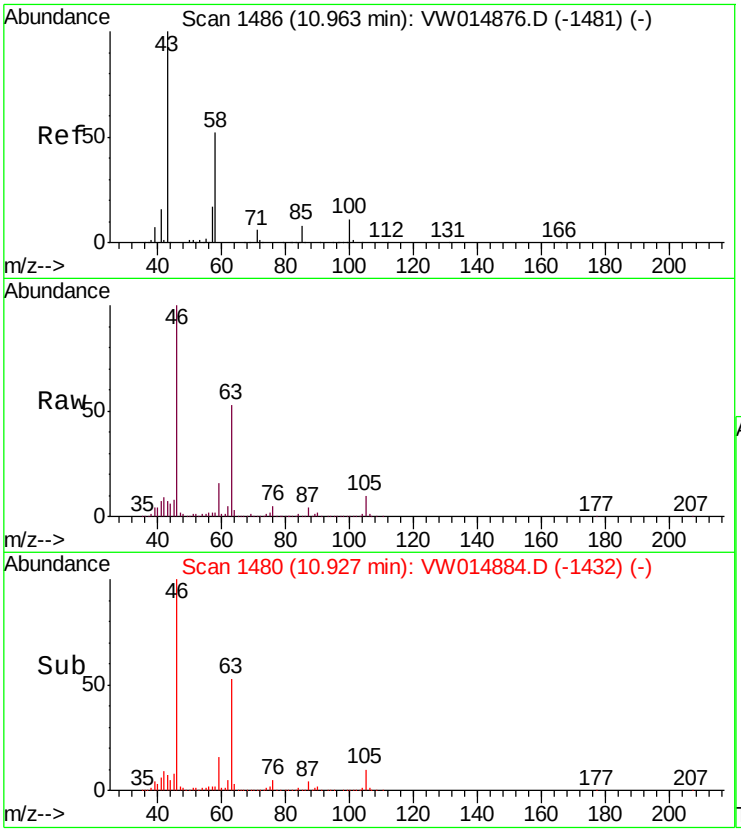


#44
Toluene
Concen: 2.138 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Tgt Ion: 91 Resp: 126693

Ion	Ratio	Lower	Upper
91	100		
92	58.0	41.4	77.0



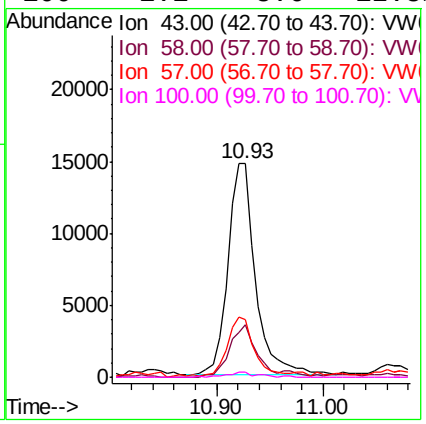


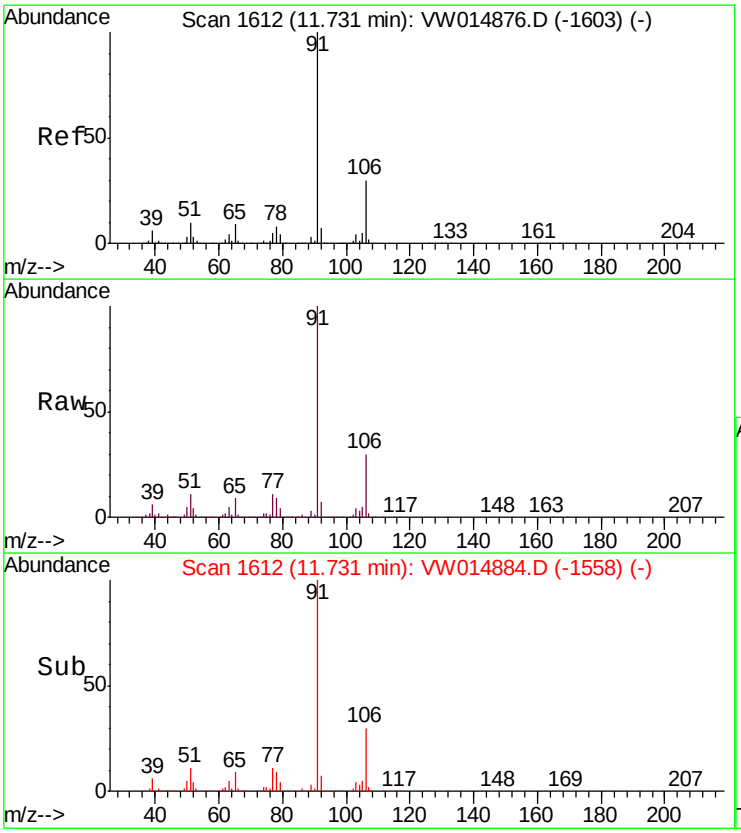
#49
2-Hexanone
Concen: 3.744 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Instrument : MSVOA_W
ClientSampleId : GAT73

Tgt Ion: 43 Resp: 26933

Ion	Ratio	Lower	Upper
43	100		
58	23.7	42.2	63.2#
57	26.3	14.5	21.7#
100	1.1	8.6	12.8#

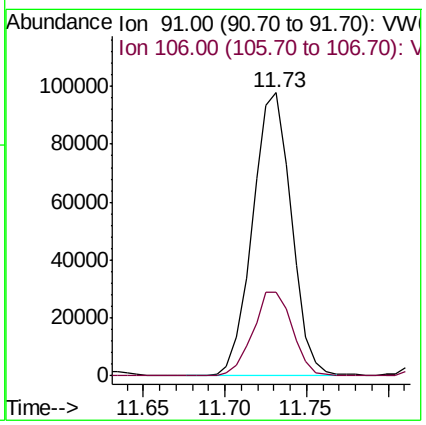


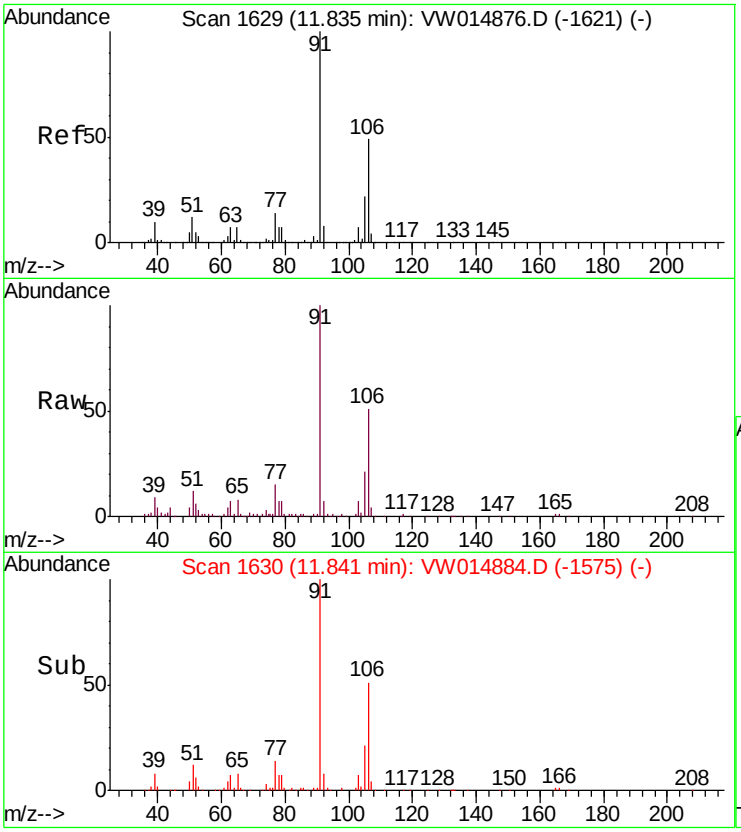


#53
Ethylbenzene
Concen: 2.485 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Tgt Ion: 91 Resp: 161124

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.5	39.9



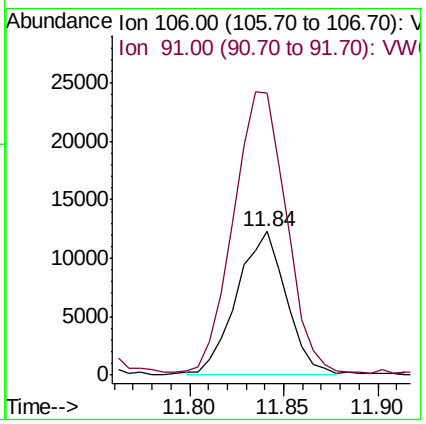


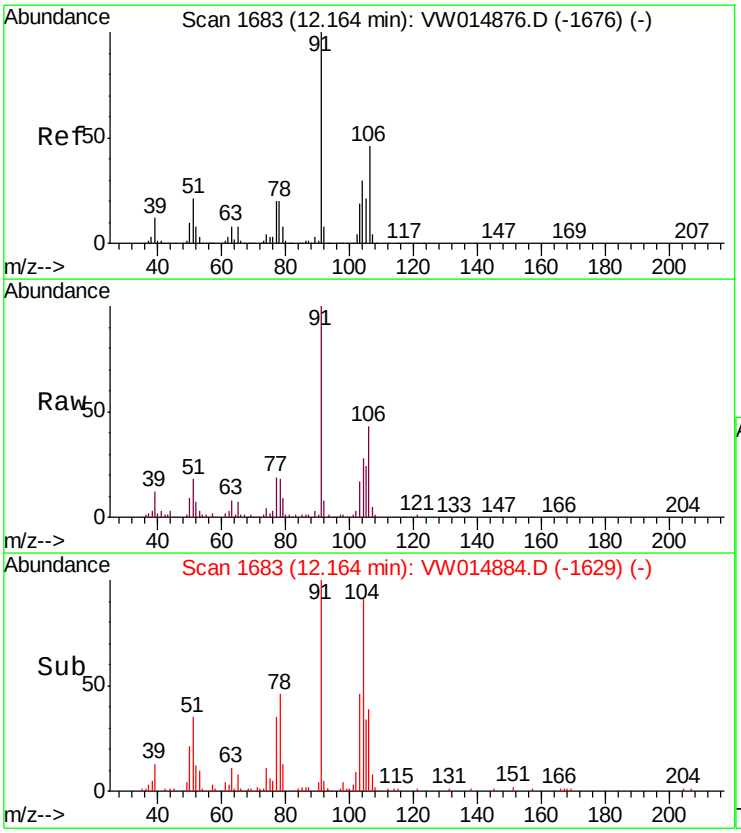
#54
m,p-Xylene
Concen: 0.949 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Instrument :
MSVOA_W
ClientSampleId :
GAT73

Tgt Ion:106 Resp: 22478

Ion	Ratio	Lower	Upper
106	100		
91	197.1	143.4	266.4

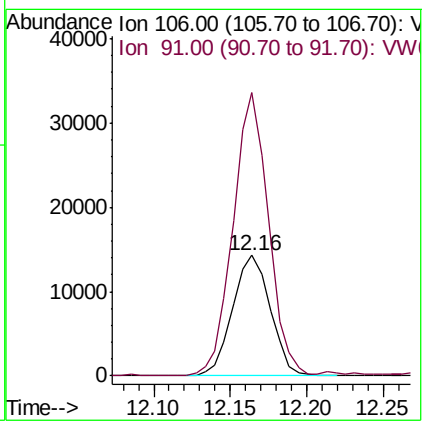


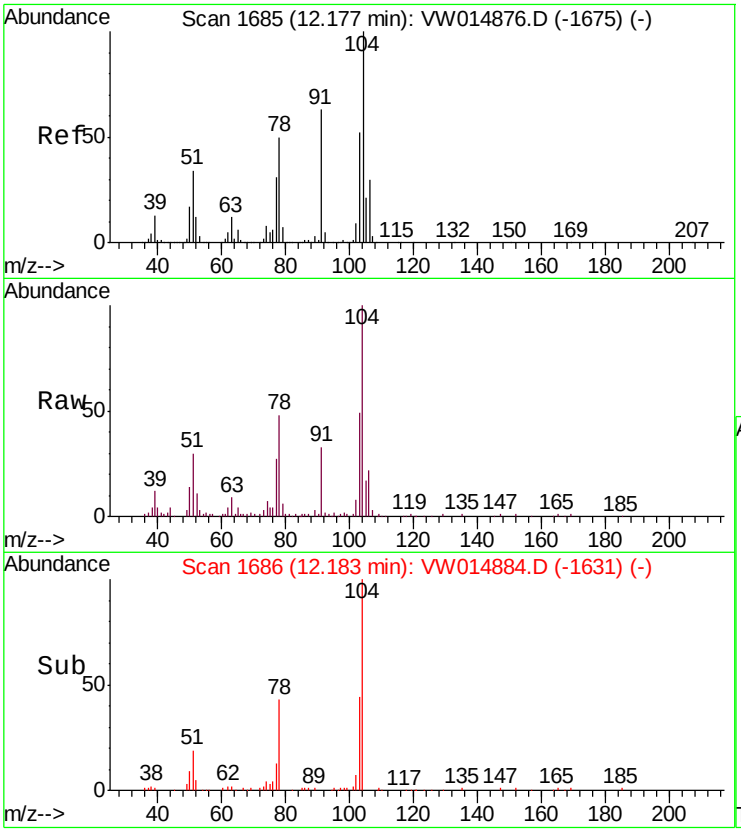


#55
o-xylene
Concen: 1.095 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Tgt Ion:106 Resp: 24677

Ion	Ratio	Lower	Upper
106	100		
91	234.8	155.0	287.9



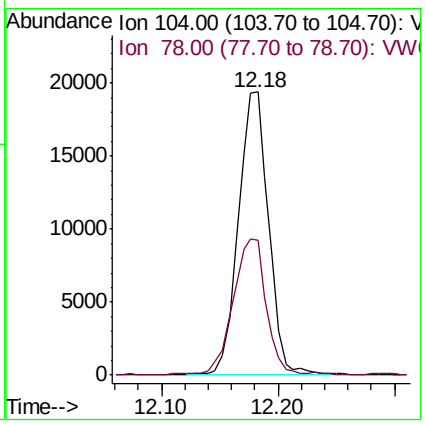


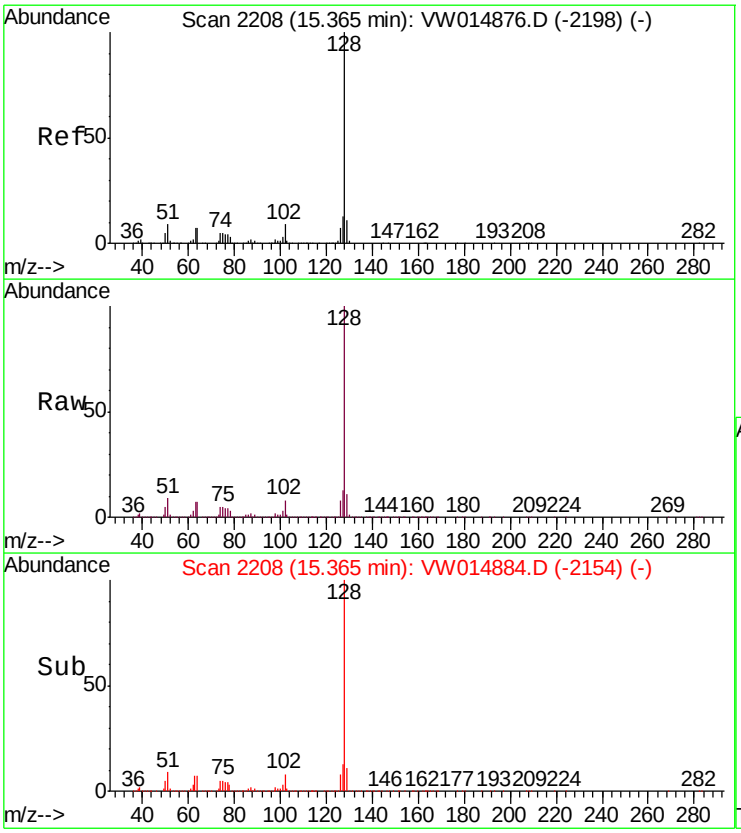
#56
Styrene
Concen: 0.923 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Instrument :
MSVOA_W
ClientSampleId :
GAT73

Tgt Ion:104 Resp: 35168

Ion	Ratio	Lower	Upper
104	100		
78	47.7	33.8	62.8





#69
Naphthalene
Concen: 56.127 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014884.D
Acq: 05 Feb 2020 23:18

Tgt Ion:128 Resp: 1079210

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.5	15.7