Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121420\
Data File : VY003753.D
Acq On : 14 Dec 2020 17:17
Operator : SY/MD
Sample : L5063-04RE
Misc : 4.36G/10ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : C0AD6RE

Quant Time: Dec 15 04:28:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	282354	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	224280	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	71176	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	109481	28.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.64%			
7) Chloroethane-d5	2.77	69	81034	28.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.84%			
10) 1,1-Dichloroethene-d2	3.86	63	165637	20.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.84%			
20) 2-Butanone-d5	6.90	46	74317	44.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.52%			
24) Chloroform-d	7.49	84	194279	26.49	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.96%			
26) 1,2-Dichloroethane-d4	8.15	65	108386	26.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.56%			
29) Benzene-d6	8.12	84	406683	31.33	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 125.32%			
33) 1,2-Dichloropropane-d6	9.12	67	125553	31.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.24%#			
37) Toluene-d8	10.18	98	335355	28.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.16%			
38) trans-1,3-Dichloropropene-	10.44	79	56382	28.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.44%			
39) 2-Hexanone-d5	10.79	63	55981	50.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.44%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	86209	24.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.60%			
61) 1,2-Dichlorobenzene-d4	13.72	152	71353	27.91	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.64%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	1625	0.369	ug/L	93
13) Acetone	3.96	43	6869	5.933	ug/L	85
16) Methylene chloride	4.73	84	8129	1.604	ug/L	87
44) Toluene	10.25	91	7904	0.521	ug/L	98
53) Ethylbenzene	11.59	91	4141	0.250	ug/L	95
54) m,p-Xylene	11.70	106	3010	0.471	ug/L	87
55) o-xylene	12.03	106	3188	0.532	ug/L	99
57) Isopropylbenzene	12.33	105	9873	0.617	ug/L #	96

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

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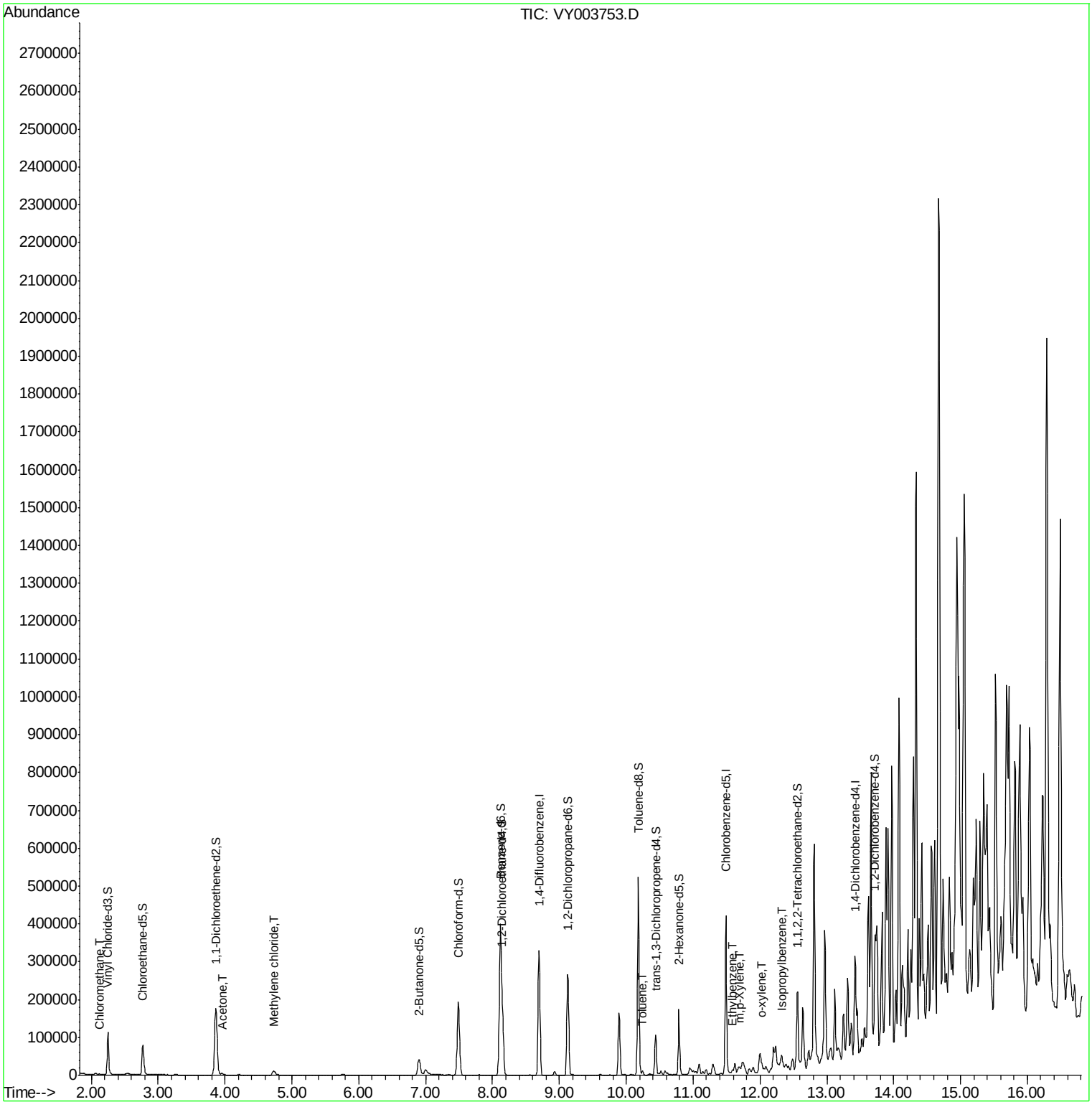
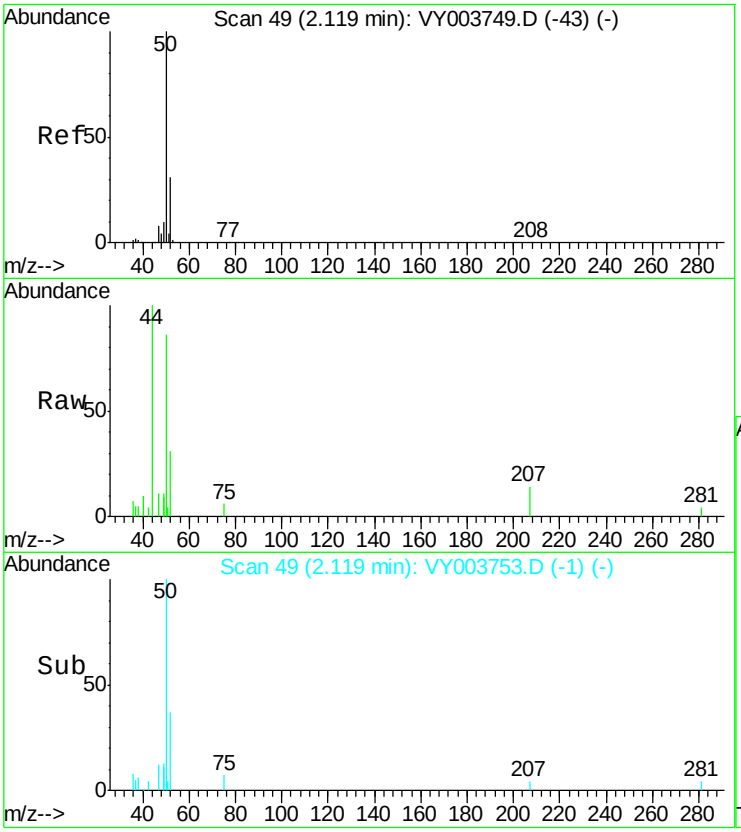


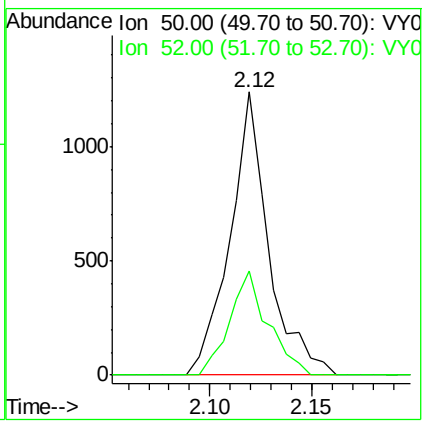


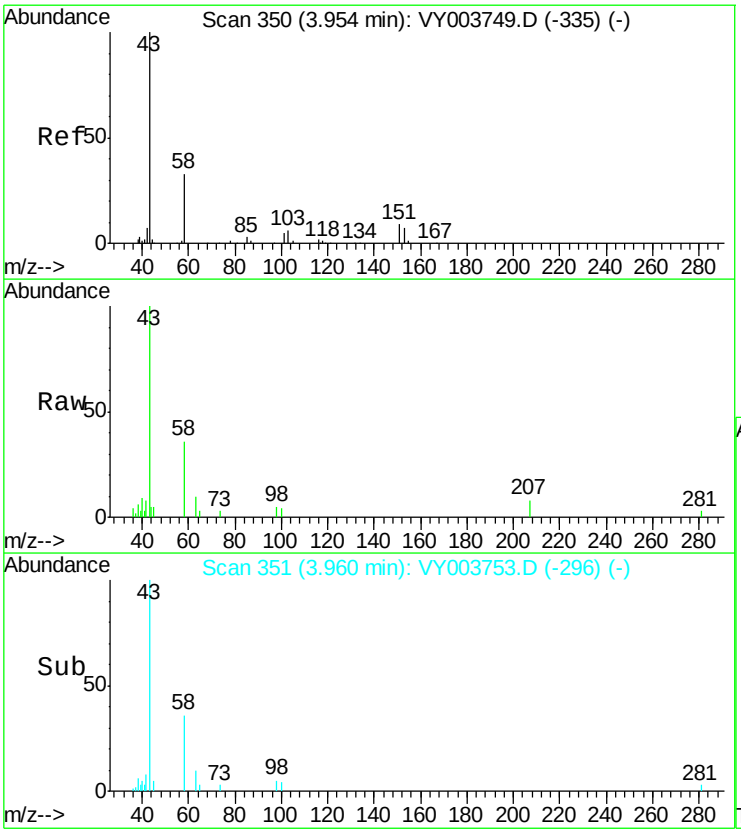
#3
Chloromethane
Concen: 0.369 ug/L
RT: 2.12 min Scan# 49
Delta R.T. -0.00 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :
C0AD6RE

Tgt Ion: 50 Resp: 1625

Ion	Ratio	Lower	Upper
50	100		
52	36.7	22.8	42.4

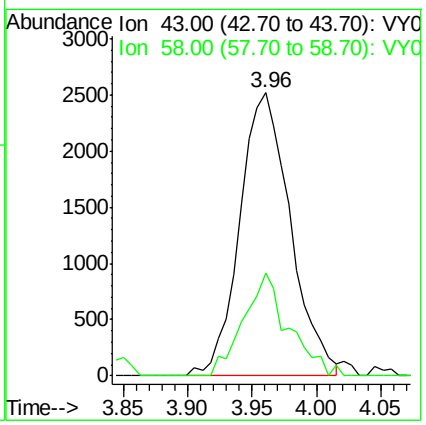


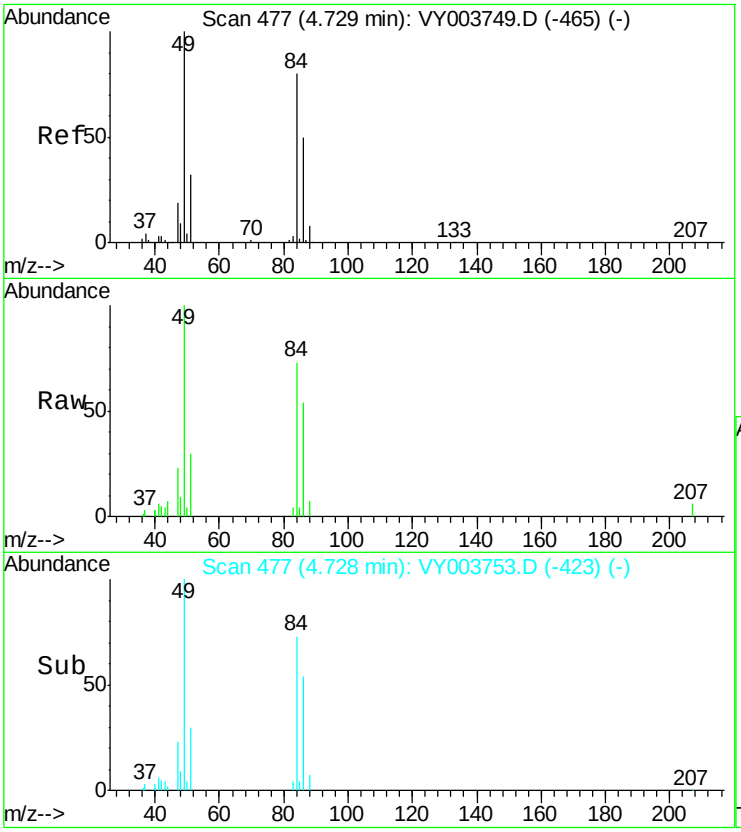


#13
Acetone
Concen: 5.933 ug/L
RT: 3.96 min Scan# 351
Delta R.T. 0.01 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Tgt Ion: 43 Resp: 6869

Ion	Ratio	Lower	Upper
43	100		
58	24.0	0.0	65.4



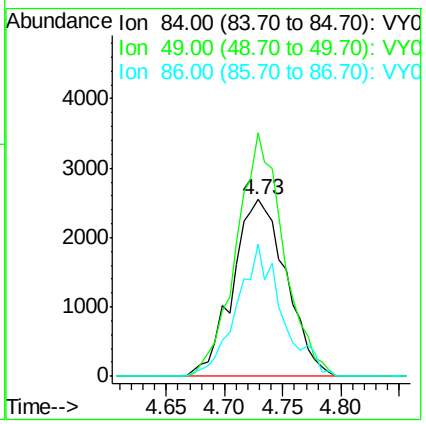


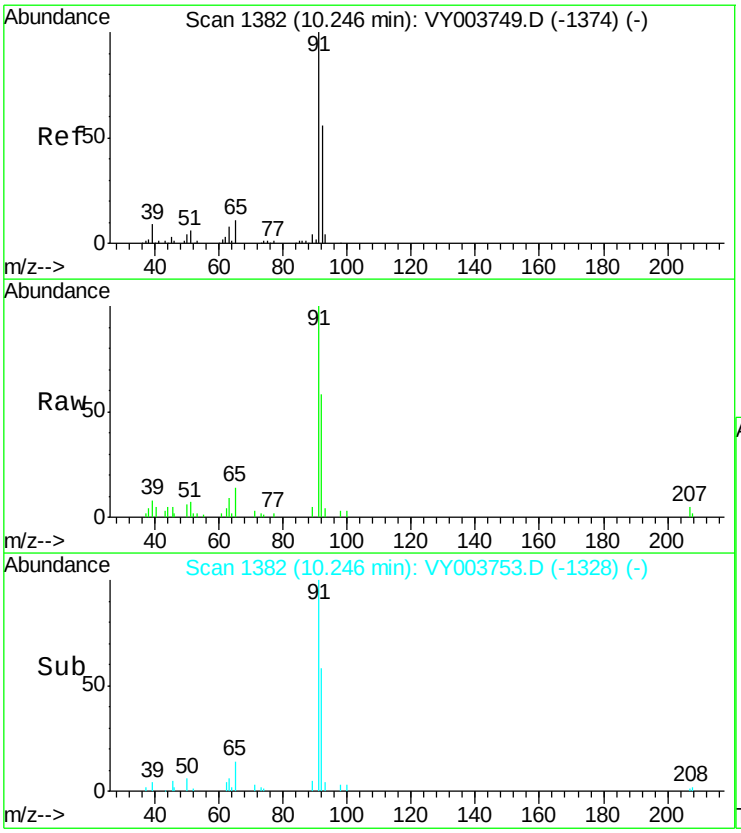
#16
Methylene chloride
Concen: 1.604 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Instrument : MSVOA_Y
ClientSampleId : C0AD6RE

Tgt Ion: 84 Resp: 8129

Ion	Ratio	Lower	Upper
84	100		
49	137.8	88.2	163.8
86	75.0	43.0	79.8

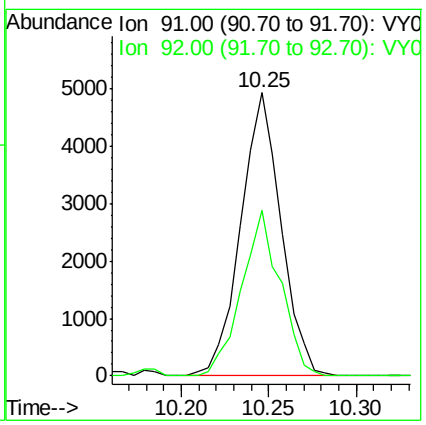


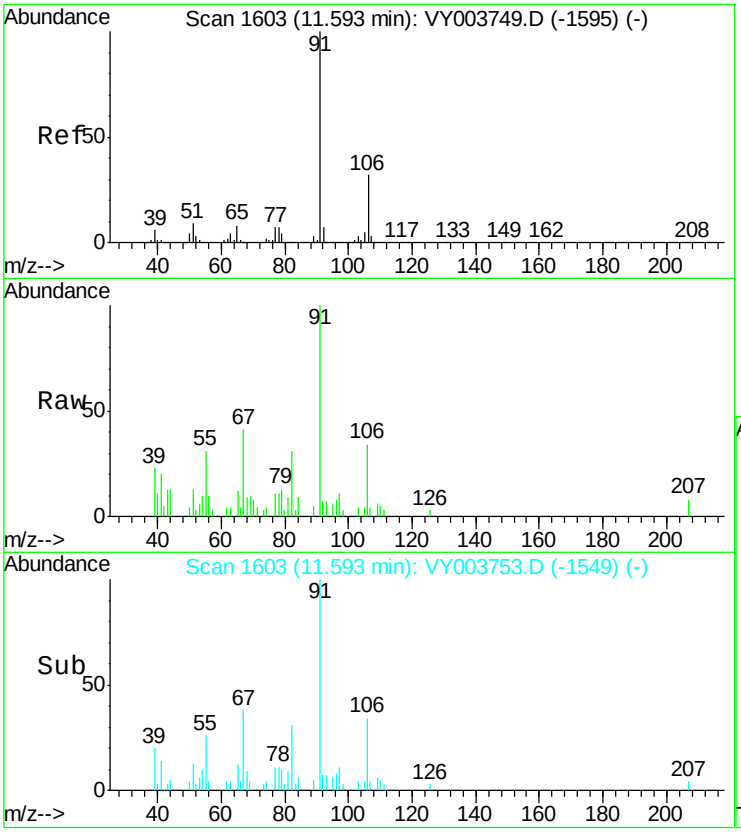


#44
Toluene
Concen: 0.521 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Tgt Ion: 91 Resp: 7904

Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.9	74.1



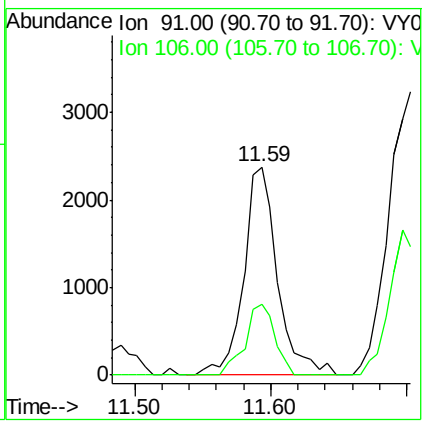


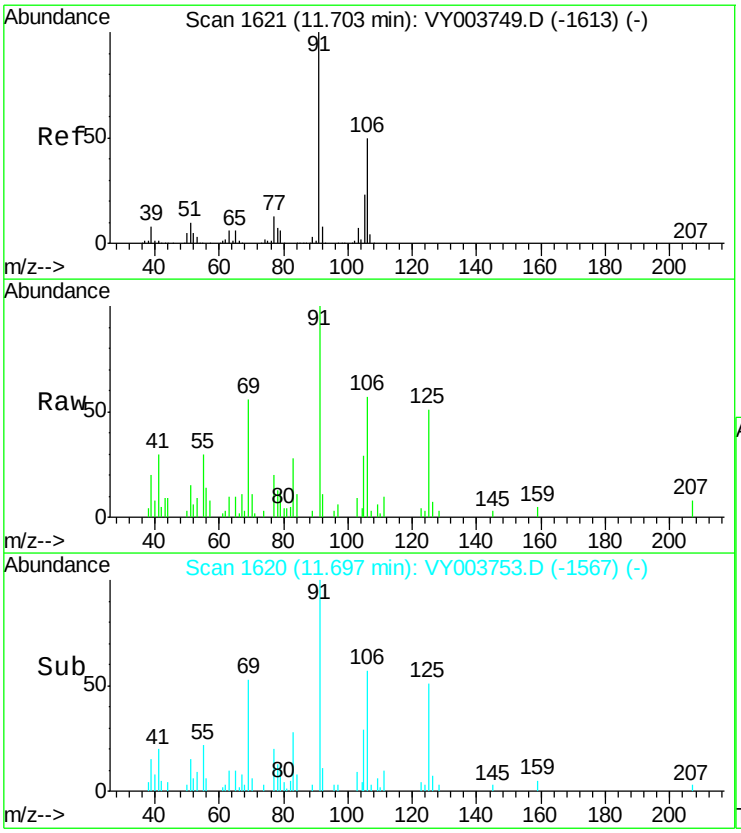
#53
Ethylbenzene
Concen: 0.250 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Instrument : MSVOA_Y
ClientSampleId : C0AD6RE

Tgt Ion: 91 Resp: 4141

Ion	Ratio	Lower	Upper
91	100		
106	34.1	22.0	41.0

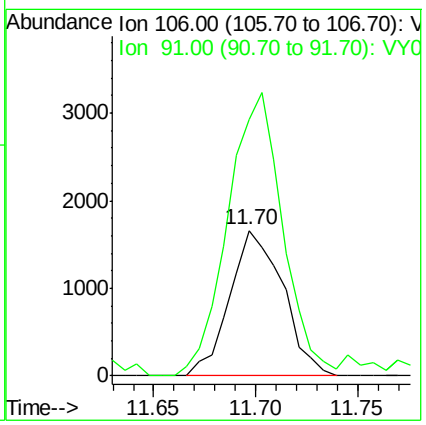


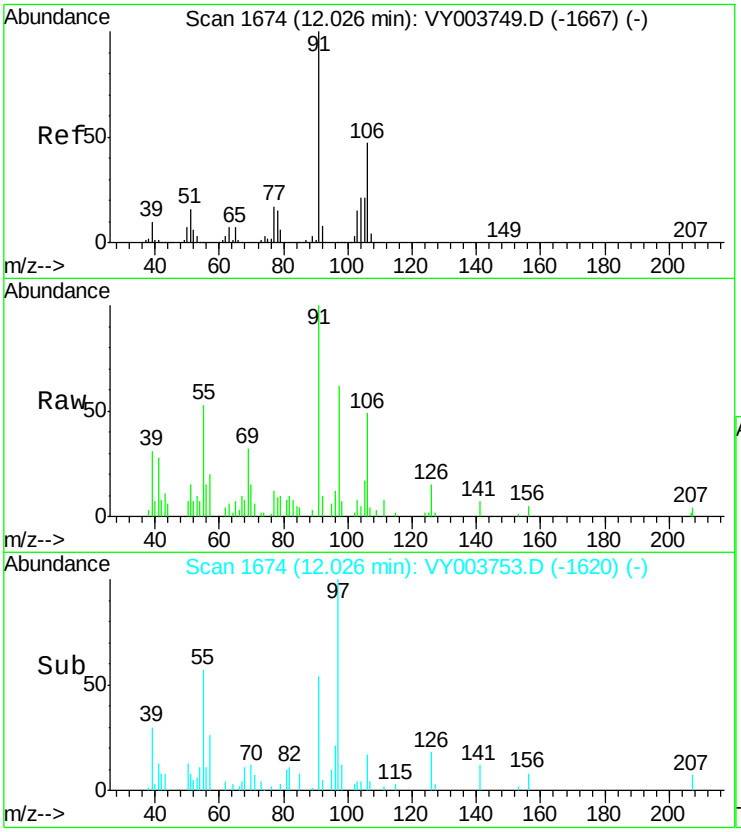


#54
m,p-Xylene
Concen: 0.471 ug/L
RT: 11.70 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Tgt Ion:106 Resp: 3010

Ion	Ratio	Lower	Upper
106	100		
91	176.2	136.4	253.4



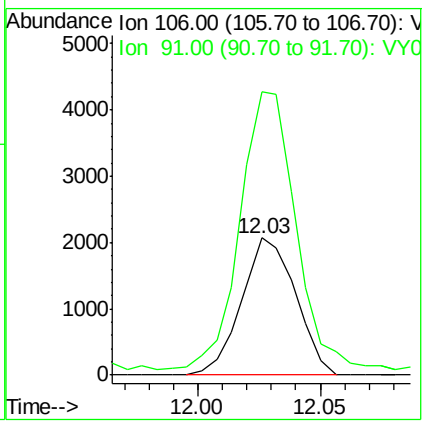


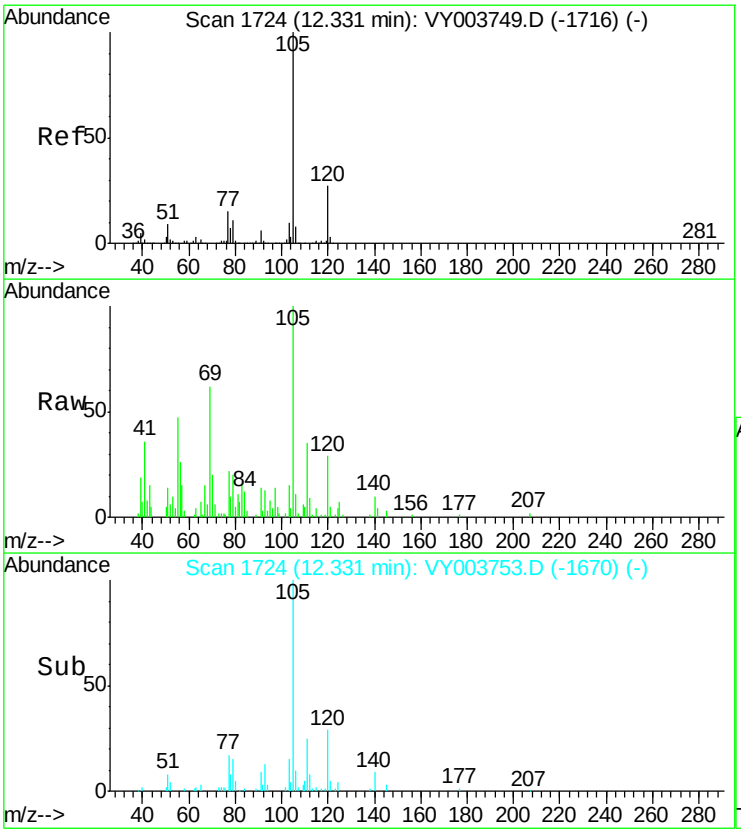
#55
o-xylene
Concen: 0.532 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Instrument :
MSVOA_Y
ClientSampleId :
C0AD6RE

Tgt Ion:106 Resp: 3188

Ion	Ratio	Lower	Upper
106	100		
91	206.1	145.5	270.1





#57
Isopropylbenzene
Concen: 0.617 ug/L
RT: 12.33 min Scan# 1724
Delta R.T. -0.00 min
Lab File: VY003753.D
Acq: 14 Dec 2020 17:17

Tgt Ion:105 Resp: 9873

Ion	Ratio	Lower	Upper
105	100		
120	28.6	22.1	33.1
77	19.0	12.2	18.4#